A Complete Bibliography of Publications in the *Journal of Systems and Software*

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27 May 2019  
Version 2.80

**Title word cross-reference**

\( (k, n) \) [YC11].  \( (n, t, n) \) [LHYZ12].  1000  
\( [ABJ+17] \).  2 \( [Aba08, BMAH11] \).  3  
\( [BMOKAM09, BGG09, GCLD16, JSL16, MKH+12] \).  3 \( +1 \) \( [Fug12] \).  \( +\) \( [WH99] \).  
\( \text{band} \) \( [MMSD13] \).  \( \text{-Coteries} \) \( [Nei97] \).  
\( \text{-Distributed} \) \( [LM94] \).  \( \text{-fault} \) \( [LYX09] \).  
\( \text{-gram} \) \( [SPSR17] \).  \( \text{-hour} \) \( [ABJ+17] \).  
\( \text{-machine} \) \( [VH89] \).  \( \text{-medoid} \) \( [BRTT08] \).  
\( \text{-metric} \) \( [CJP98] \).  \( \text{-modular} \) \( [EL88] \).  
\( \text{-nearest} \) \( [Cho13, LZ12] \).  \( \text{-nets} \) \( [Kor99b] \).  
\( \text{-NN} \) \( [SSCL08] \).  \( \text{-SDH} \) \( [GMS11] \).  \( \text{-SIP} \) \( [hChSyCwL10] \).  \( \text{-tree} \) \( [SC00] \).  \( \text{-trees} \) \( [WH99] \).  \( \text{-trimmed} \) \( [TTL10] \).  \( \text{-Version} \) \( [Pha94, EL88] \).  \( \text{-way} \) \( [LKJL01] \).  

**.NET** \( [BS03, QOLJG16] \).

\( /M/1/Fifo \) \( [MR86] \).

\( 1 \) \( [Bel91, KJ10, Lit90, WL99] \).  \( 1-2-3 \) \( [Lit90] \).
KRC00, KR98, LLL00, LCLP16, MA94, SBB98, Ulu98, WZJ01, YTW+13, PK02a. 

**Active/Standby** [PK02a]. **Activities** [SSR18, AI 12, AAN11, MG04, ROR11, SSA08, Xia13]. **activity** [BS12, ÇB16, CCC05, DC17, LNY+11, MS16, SGMHJ13].

**Actor** [RMC93, BSK+18, CDRT13]. **Actor-Based** [RMC93]. **Actors** [Chu97].

**Actual** [ETM10]. **actually** [SLS08]. **acyclic** [LWLL12]. **Ad** [ACSC16, ACL13, BMES04, BCLW11, hChSyCwL10, CWK10, Cho13, KSHC14, LLHY19, MLHL12, MDO+10, WF07, WOC15, YZ05, YSK09, ZMN05].

**ad-hoc** [hChSyCwL10, MDO+10]. **ADA** [Bel91, CW90, Bak88, CT94, Coh81, DS92, Dil91, EOM95, MA89, PW92, RW00, Rom98, SC88, Tom89, Wal91, Whe81].

**Ada-like** [CT94].

**adaptability** [PPMM14]. **Adaptable** [CS04, HK09, RS06, SK04, EMSU11]. **Adaptation** [PW92, WKM94, APM+14, ADL]. **Adapting** [MG11, Oja16a, ST11, CV14]. **Adapting** [HA97, TTMI19, MKK09].

**adaptivity** [ZHGL11]. **adopt** [PWS+15, SN+07]. **Adopter** [RNR17]. **Adopting** [Ha97, TTM19, MKK09]. **Adoption** [AW07, BdMSNO+17, BM89, CCP18, Che17, EGH016, FB18, GN15, MRR16, NHH+12, QHS08, SG12, Tan00, TW08a, UN09, W109, Wu11]. **adoptive** [SS12]. **adult** [CHZY03]. **Advanced** [CY04, GK97b].

**Affirm** [MD81]. **affordable** [CCG+10]. **after** [GS98f, JBA08, KQ17, PTRW04]. **Affinity-aware** [SK13]. **Affirm** [MD81]. **affordable** [CCG+10].
| Agenda | AS16, FS17, WD07. | Agent | AM04, CCG+10, CL04b, GGS15, LN13, ATHM17, AN16, BHAM09, BM17, BWM06, CPT05, CC08b, CET+08, CL08a, Cho05, CNKL12, CMNA+09, GMPN16, GRBNA10, GTA09, GGC+15, GZKL13, GGM11, ISM11, JZL07, JS16, KB16, LH04, LG17, LT09, LSH09, MV05, MV06, MIBV14, OKS08, PCC09, PA99, RMC05, SPTM15, ScDs+06, SST16, Shu99, TKA+02, WHN+01, YGH+08, ZMB14. |
| Agent-aided | CPT05. | Agent-based | AM04, GGS15, CC08b, Cho05, LH04, ScDs+06, Shu99. |
| Agent-oriented | CCG+10, LN13, ISM11, OKS08. |
| Agents | CFN07, GMB+09, GH05, GD05, HWH+03, JSM10, JRO12, MHW01, S´AMI17, WGC02, WBW+06, WM99, ZK04a. |
| Aggregate | HCT+15, Mot96, LCC10, Shi10, YDGB+12. |
| Aggregate-strength | HCT+15. |
| Aggregated | CCMOM19. |
| Aggregation | Bar15, AKB11, BL+08, MT10, SGBCP12, YCWW15. | Agile | CP15, DvdVA+13, GN15, KSM+16, MB10, NRG08, ASG17, AL05, AdB17, CCP18, CC08c, CLL14, CNMR18, DPL16, DNBMI2, DCT17, DGCA17, FfdRG+14, FMRM15, GR05, GTF15, GTF17, HF08, HDGZ06, HM16, KM14, LSD+16, MH818, MVG15, MKK09, NBF16, OK18, npHW+16, PW09, QHS08, SS12, SDG17, SNDC13, Sta14, SHHL12, WK15, WCC12, YLA16b, DCP12, HL10, JMML17, LGC17, OD17, RKK16. |
| Agile-developed | OD17. | agility | GTF15, JWA14. |
| Aging | [ACW10, JX07, PMMM11]. | Agnostic | [ASMM18]. |
| Agreement | IB11, LLY07, LKH09, NLKW05, SCH05, TLL12, Tse07, WOY04, OHJ10. |
| Agreements | FSG+11, IYS13. | Ahab | SCMS15. |
| AIDA | EOM95. | Aided | Amm91, BT84, CPT05, Mey88a, MB17. |
| Ajanta | TKA+02. | Ajax | MV08, YM13. |
| Agreement | SCL07, WYL06. |
| Alarming | BRG+12. |
| Algorithms | AT97, CBK96, DS94, Fra86, HJ90a, HJ91, Ha93, HL94a, Ha94, Hen88, MTW97, NM93, Ry93, Tan96, TW05, WTS95, AR18, AG15, BAI+14, CL17a, CDC09, ChAg93, CHC01, CCSC07, CLH07, CJ13, CWWK+13, CTL08, CS12, DXPY03, EEAZ13, GWW+11, HY11, HWL13a, JE02b, JK13, JM96, JXLC15, JFC08, JHYK10, KHS11, KSRD10, KSN17, KKH11, KLB15, KKK08, KK07b, LPP15, LC07, LLLZ06a, LLLZ06b, LLZW14, LCH02, LK04, LHY12, LZ13, LL14, Lin16, LLML13, Loo05, MMZ+16, MH11, MJZ+10, Ng99, NDS13, OW04, OOD09, OCC12, Özm09, PS13, PK01a, PQBP16, PRN17, PS14, PM10, RFF10, RLL+18, SLW+15, TW98, jT12, TTC04, TTL10, WGW+09, WGW+12, WHTY06, WX10, YCLY13, YSK06, Yoo09, YH10, ZLW+12, ZL17, ZWF+18, ZL12b, ZGL+10, FAM15. |
| Alibaba | DL+13. | aligned | WM12. |
| Aligning | VvSvV16, CRESF+13. |
| Alignment | BCV06, LMR12, UGFK15, VLC+17, CBVD07. |
| All-uses | FW97. | Alleviating | MARD16, WWC98. |
| All-uses | FW97. | Allocating |
Allocation
[ML95, TC93, IJC03]. Allowance
[AH81, Cho95, Rah92, SG99, Aba06, Aba08, BMOKAM09, BMAH11, BHAM09, BV15, BGLG13, CLSa01, CAG17, DXPY03, DM17b, GQ12, GP05, HNH15, HCDJ08, HC01b, HL06a, KHSD10, KMSOS09, KKiMT96, Leu97, LLL06, LCLL07, Luk11, MC01, MK06, NL06a, PM99, SK03, SOC+03, SWES16, TY18, TM98, YYWW07, ZWC+19, vdSJK+07]. allocator
[H06].

Alone
[ESM19, DF00, ST89]. alphabets
[Kan15]. Alterations
[SB95]. alternating [ZLW+12]. Allocation
[HC06]. allowance
[RXY+19]. ALMA
[BLBvV04, LBvVB02]. Alvey
[Qui94]. AM
[KKP12]. Ambient
[ARS10, AB15, GMPN16, BHH+12, RASL12]. Ambient-PRISMA
[ARS10]. Ambients
[ARS10]. American
[Gla97f]. Among
[HB83, LIC92, Sho91, CLLC96, CLW05, Dol97, GE15b, HGK+06, HG18, WSJK08]. amongst
[RHRC13]. Amorphous
[HBD03, BKSM13, BKSM14]. amount
[EEAZ13]. AN/BSY
[AACL02]. Analysis
[ANC11, ANM15, CH07b, IAA16, JIS03, LXC09]. Analyses
[Eva97, OKOM97, SNTD19]. Analysing
[GW01, JMSS07, SB17a, SYBN12, dL04, LTK+06]. Analysis
[AV12, AS96, BNW+08, Ber93, BC91, CH94, CUY09, CDPM17, CR90, CMP85, DHKV06, DLG96, DG80, EHS93, Eli92, FM93, FN85, FA94, FA97, GLQ9a, GDF86, HG91, Har88b, HHS87, HHS98, HHH08b, IMM95, Jef91, JP94, JOS93, KSY02, Ken84, KS96, KSAOK04, KP93, KPF97b, Lk93, LL97b, LH83, Lin93, LG03, MG92, MF29, MW95, MM93c, Mue86, Myr90, Nels81, Par86, PdF97, PH86, RCD03, SW10, Sca88, Sch91, Sel93, SSP17, SB95, TOY95, Tia96, TTP97, Tsu85, WH91a, WH91b, WK94, WCTK12, WL06, YNDS88, ZEB88, ZK94, vdBK94, AAMS14, AAMS16, AMAY91, AH910, AH10, AS10, ACRD19, AMl00, BH02, BH03, BL19, BRC09, BDMK03, BLL+18, BBS00, BH+12, BLBvV04, BLY18, BGG10, BW010, BHL00, BRS10, BCL12, BLOS06, BS12, CCG14, CC08a].

analysis
[CS15, CS16, CCC05, CCN+10, CLL99, CCW02a, CMM15, CJ98, CH99, Ck9L98, CPL+04, CL17b, CVP13, CGW08, CZH+08, CCMOM19, DCAC09, DH09, DDGR09, DC17, DSGS17, DS98, DZT+14, DH13, DOL+16, EH19, EB17, FD+16, FAB+07, FBD+18, FL05, FSGY17, FP18, FRR09, FTAM99, FMAR16, GCDY16, Gok09, GPM16, GAWW07, GAK92, HPT07, Ha92, HGBS18, HH07, HB16, HR12, HSL14, HCL+10, HJW08, HY00, Hua05b, HZCD05, HCC10a, HWLM11, ITP03, IZ18, IYIS13, JMP07, JM96, JX07, JCYC04, KK17a, KRHD12, Kar04b, KM17, KBK06, KGW12, KR14, KRJ17, KG09, KPK06, KPS08, Kim12, KPK12, KSS03, Kor99a, KDEK04, KSH09, LJH10, LHC95, LH+08, LKR10a, LKR10b, LS14, LY04, LGW09, LGL+10, LKL01, LM96, LDL07, LJM11, LS04, LHC10a, LHC10b, Los03, LHSK06, DPS03, Lut96, MYZC06, MT07, MB09, MGM10, MJ14, MT14].

analyses
[MK17, MVSG18, Mil00b, MR99, MR00a, MA10, ML08, MMT12, MTMS15, MM10, Mut98, NS92, NSA10, NSM17, OHL17, OMLB16, PG05, Par06, PK02a, PC04, PH13, PPM17, PS00, PDBD18, QB+14, RK00, RAS14, RH02, RH03, RTP19, RGH17, RITF+11, RASL12, Row86, SG16, SKZ+04, SWB08, SK81, SS12, SCwY12, SC88, SG+17, SW09, dSSV11, SS04, SM08, SRBT18, SZS13, SLL14, SL+15, Sut00, SPZ06, TNJH07, TSA08, TBD+08, TXC+19, TCS18, UN09, VTZ+17, VCMG17, VHF+17, WCC12, WLZ+17a,
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WZY+18, WGKW19, Wei79, WKV11, WV11, WG05, WPP+09, WMOKY11, XYCL17, XNP07, YAY13, YLZX16, YS02, YFT+15, ZP00, ZSP01, ZYZ+17, ZJDB02, ZZP15, ZP17, dB12, dBvV08, JR15, LBvV02, MS17b, ADZ+09]. **analyst** [MG04, SJ17]. **Analysts** [TDB97]. **Analytic** [BDM+93, FSA87, FWP93, Lee93, LZKW12, MB19]. **Analytical** [EK13, LJC16, VRPT18, FCSM09, MA09, Mi000a, MV11, RST98, ZM06]. **Analytics** [UB19, KCR16, LLH+16, VZT17]. **analyzable** [DGL+08]. **analyze** [MR00b, PSMB01, SGMHJ13]. **Analyzer** [FLN91, P ´AC13, BB89, EOM95, KH10]. **Analyzing** [CC02a, CWC04, CL15, CBKK08, His98, JLG17, KG10, MW95, Mot96, RSB+16, Sta90, BKR19, CTKT13, HYS+04, KJS+12, Lop03, MBPM19, PB11, YAKK16, JLZ+19, vAAJ16]. **anatomy** [TKP+18]. **anchors** [LJ16]. **and-or** [Vla98]. **android** [BCA+19, LRB+19, AAM+17, HBM19, KFLS18, LZL+18, LVTP17, LWBH16, OBS+18, SPCT18, TKZW17, YGN+16]. **android-related** [LRB+19]. **Anecdote** [Gla98a]. **angle** [HDLK00, PKS18]. **animation** [KA14, LW07, MSHB98, PH07]. **annaeing** [MK15b, PH06, TVA04]. **anniversary** [WC16]. **Annotated** [Not85a]. **annotation** [HA10, LGM+18]. **annotations** [SM17b]. **announcements** [Ano92d]. **Anomalies** [WWK94, LM03, WW09, ZXC+17]. **Anomalous** [HWKM01]. **Anomaly** [CA87b, Rad04, SKK+18a, BLL+18, CA87a, CCM09, DLW08, Hs91b, KMM89, WWZ+14, Zwe90]. **Anomaly-free** [Rad04]. **anonymity** [MK15a, YL16b]. **anonymous** [CHL+08, FHHL09, Gla95g]. **answers** [TLWS10, VL94]. **ant** [MDO+10, TJH15]. **Antecedents** [GA11, LCCJ10]. **anti** [CHY+05, FHL+18, MSK+17, QZ14, Sta10]. **anti-forensics** [QZ14]. **anti-patterns** [FHL+18, MSK+17, Sta10]. **anti-spyware** [CHY+05]. **anticipation** [TSSD09]. **antipatterns** [KVGS11, TKCR14]. **Antoniou** [LZ07]. **anything** [Gla97g]. **AOSD** [Ano13a]. **Apache** [MK17]. **APDL** [KSKP11]. **aperiodic** [OD10]. **api** [SL07, BHV18, CKCK15, CPILH09, EZG15, HS03, KFLS18, NZK17, SM17b, SPSR17, SCO13, XSL+18]. **APIs** [Sal17, SSA17, TDK+07]. **APIs-based** [TDK+07]. **Apollo** [BP86]. **app** [GNA17, JED18, LLL+17b, RM19, vAAJ16]. **appear** [Gla96h]. **applets** [HWKM01]. **appliances** [ZDC+11, ZDC+11]. **Applicability** [WH91a, JWA14]. **Application** [Alz08, AF96, BFG97, BYY87, Ber93, BL98, CLO95, DK94, EHS93, FKWH19, FCMJ12, Fri90, Gla92f, CV92, Gla99c, HL94a, HZ84, HS95, Lan98b, Lop03, LVB+93, MR01, MM3b, MB84, N108, SL06, SK07, TQ05, TZ92, TM97, YN91, ZC97, AV12, AIE19, AR12, ASS07, AYUI10, ASMM18, ADAD17, Am100, AF16, Ano92g, BBP13, BCF18, BCL+18, BGG10, CS16, CPT05, CDA11, CTZ92, CM15, Ch07a, Cho05, hCSW+04, D99, FCOR96, DSU06, DBCG14, EAH+11, ELH00, F398, FAB+07, FIGCLN+02, FTSC12, HYLW+12, HBJ+99, HWL11, Hs01, HSS14, JE02a, JS13, JRO12, KK17a, Ke09, KSHC14, LRB03, LS04, LGW09, LP05, LWZ12, MMTL06, MJZ+10, MR00b, NH+12, OC04, PC15, PTRW04, PHR10, Poon03, R1D02, SCGL+18, SCdS+06, SRDLC09, SCC16, SP14, Tan04, TTM19, VSD12, WCC12]. **application** [WK00, WHMP99, YWT07, YLYL17, ZSG16, ZYZL12, ZS16, Zha16, DFCSF15, FM11]. **application-domain** [SP14]. **Application-Specific** [DK94, SK07]. **Applications** [Ano96d, CR55, EC04, Goe80, Gom89, HHH7, HFK92, IT03, KP97a, LZN04, MD91, MK90, Sta93b, Zho94, AP09,
LCY00, RBCM91, VLC+17, VP92, AJG+15, ABC13, AAGT16, ALRP16, BKS15, Bat08, BS15, CNSG12, DA07, FDÅM12, GMS19, HKN+07, JSHW14, JZ05, LS05b, MKH+12, MU04, PFG13, PMB15, RGV+17, Rey07, RM19, SGMHJ13, SS14b, SH07, TAF+17, WCC12, WNC17, dNPM18. appropriate [LMPM18, Ozk97]. approximate [VL94]. Approximating [BMES04, MMP15, OH15]. Approximation [MR86]. Approximations [vD93]. apps [AAM+17, LVVTP17, PLVB+18, QXYL16, SPC16]. AppSpear [LZL+18]. April [BT97, KT16, PH07]. AQUArIUM [CdCAdO18]. Arabic [AA98, Mus03]. arbitrary [ÂGBYB+14, CCW02b, GBC16, NXS00]. arbitrary-rate [NXS00]. Arches [DSSL09]. Architect [RRC07]. architect [HFLvV11, MTA+16]. Architecting [DLM19, FB04, dLGR06, AdB17, FM08, PBM19, TZB19, PV12]. architects [Kru08]. Architectural [Lea95, LL15, RAS14, UB19, YWLG02, dBvV08, AAAC07, BGS+16, BBA10, BMB18, BGG+06, BWH10, CLS+12, CH10c, FLRT19, GLZ15, GSP+19, GPM106, HZ15, HYS+04, JBA08, KOE15, KLKL09, KG10, LJA+11, LJD10, MCV16, MvD08, MFM10, MPL18, PSEE12, PTBP08, PPM14, RLV06, SB17a, SAM12, SMR09, TKCR14, TGE17, WDS09, WJ03, WSQ05, W0012, XZAR06, YLA16a, YLA+17, ZKL+09, ZMK12, dRBA13]. architecturally [MSGM17]. Architecture [Amb87, BCFE10, BLBV04, DY99, EB14b, HJ90b, IMM95, JO83, KP97a, KT16, LJJ10, LH12, LH04, LLGZ13, MAG12, MOH16, RCS9, SSR18, TL96, TKH+11, WPC06, ARS10, ARS17, ANH07, AG08, APSC10, BKZ+06, BL09, BJ03, BNW+08, BKH10, BLTY18, BGG10, BL03, BCL12, BKRW19, CCdL+16, CJT+16, CBT+16, CD09, CCL05, CJO4, CHLW17, CG12, CD10, CS04, CFN10, CMS04, CBS00, CKS15, DYC19, DHL06, DK01, EK00, EK13, ELHC13, FCB+16, GAMW14, GBH+16, GGv+18, GFP11, GK14, GCLD13, GAKF13, GDSB11, GPL+15, HNZ17, HBM19, HJN11, HA10, HKN+07, IWF07, JAvdV09, JHSB09, JRO12, KTT+17, KDS+08, KBK06, KGW12, KL10, KPS+04, KH14, KLY03, KPT09, KKL09, KKK08, LRvV03, LC07, LG17, LPXL10, LGL08, LLX+11, LHI+16, Lop03, LICA09, LZR16, LG03, MCC+18, MS16, MEB+10, MKS10, architecture [MAH18, MK08, MNS06, ME10, MDR06, MCV15, NFM11, NHH+12, PWCC01, PGPC17, PM94, Pot13, PNL07, RRD06, RPT19, RS06, SNBH08, SK11, SA12, SMHMA08, SLB14, ST07, SSS17, SMS94, SSM+09, SHC+11, SHG16, SC09, TBGH06, TJH07, TJJ10, TAJ+10, TL14, TSA08, TFS10, THWC10, UD10, VCB+18, Vla98, VHFF+17, WT01, WB12, WMC17, YLA16b, ZK13, ZML10, ZMAV08, ZMK12, dBvV09, dBvV03, dSB12, vHAH12, vHJPB+17, vVT16, vdBbS+19, AJCM08, CT13, EMSU11, LBvV02, WE79]. Architecture-based [MOH16, WPC06, CCdL+16, CG12, EK13, EK14, GDSB11, LZR16, MKS10, MDR06, ST07]. architecture-centric [SNBH08]. Architecture-driven [DY99, MAG12, MEB+10]. Architecture-level [BLBV04, LBvV02]. Architectures [AT97, CFK91, Gom95, Uln95, AB16, BGM03, BD10, CBT+14, CCG01, CS01, CNSG12, CHL+13, CV16b, CPDM16, DGP02, De08, Dut15, ELK06, FbSBR06, GCC+15, GGV+08, GA13, HTB12, IT03, JE02b, KRD16, KPS08, LCM+04, MCV16, MK11, MGvFGCB10, NCW18, PN14, PN04, RR98, RSP03, SRWE10, SO03, SG06, SM07, TDL+02, UZ09, VZT17, WRT+13, WB10, YHZ+09, Bbare11, CFFT08, MPR14]. ARDIN [CG03]. Area [MMS15, DFG+13, HBG+13, HYC04,
LY09, LLS11, WCC13, ZÁ15. **Areas**
[GLa92a, HWHT11]. **argument** [SGC+17].
**argument-fragments** [SGC+17].
**argumentation** [MOH16, YFT+15]. **ARIA**
[Kim12, TSL+11]. **arithmetic** [LWC13].
**ARP** [SSK08]. **array** [HY00, HY01, MJ89].
**array-theoretic** [MJ89]. **Arrays**
[RT86, Çan00a, CWW02a, Row86, SH17].
**Arrivals** [BFC92]. **Art**
[FG94, ACS13, ABL15, GAMW14, Hat99, LDS+19, MDP+11, MRY16, PW09, Sto92, TJJ+18, WMAS12, CWP09, CKMT10].
**artery** [CCWT13]. **article**
[Ano87d, ML08]. **Artifact**
[CFRPC+18, HMG96]. **Artifact-based**
[CFRPC+18]. **artifacts**
[GE15b, RGBM06, SRBT18]. **artificial**
[DRCG12, KCV11, KR16, PP94, dBTdSS08]. **ARTS**
[DF84]. **Asia** [Zuc90a, Rei90b].
**ask** [BDDS11, vAAJ16]. **ASM**
[ZM06]. **ASM-based**
[ZM06]. **ASN.1**
[LL99]. **aspect**
[ADZ+09, ARS10, LVMM07, MGvFGCB10, NFSM11, NBR+13, PFF12, SdSLS+19, VP07, ZMB14, KC08].
**aspect-mining** [ZMB14]. **aspect-oriented**
[ARSL10, LVMM07, MGvFGCB10, NFSM11, NBR+13, PFF12, SdSLS+19, VP07, KC08].
**Aspects**
[Sah94, CSF+14, HL94b, LY18, OC04, VM13, Wij03, WPP+09].
**Assembling** [AMNT08]. **Assembly**
[BK85, HMSW03, JSM10, PTBP08, SW88]. **Assessment**
[YRN80, DDF+13].
**assertion-based** [DDF+13]. **Assertions**
[FAS94, JM90, MGJT87, ABS19, SM00]. **Assess**
[KK81, SFBM16, VVA+15].
**assessed** [KM13]. **Assessing**
[AKA+15, BHH+10, GC04, JZ07, DPS03, MPTT14, NR04, OL15, UGFK15, VHL14, Vis99a, FN00, KPS+04, Li98, NISM17, dAGSIFS+15, SM16, SJH+10]. **Assessment**
[Cav84, CLL14, Gl9a4a, Gl9a6a, Gl97a, JM90, KB07, Pre95, SZZ06, SP08, VP92, Vis99b, AD14, AS00, BP13, BW01, Bud00, CJIHB08, EFSJM17, EJ01, FG15, Gl95c, Gla98b, Gla99a, Gla99b, Gl00c, Gl00d, GC01, GC02, GC03, GC05, HCN00, JWA14, KCAS13, KLA+19, KPS+04, LGM+18, LSV+06, LHC+05, LMS12, LHLG+15, MACB19, MSA08, MR99, MGvFGCB10, NL99, ONZ09, PIG08, PHBJ16, REJ+07, SL10, SKW06, SED16, SPSM03, SLL14, TCG06, WTG+08, WTG+09, WTG+11, WOO12, ZADA15, ZSP01].
**assert** [BBW+18, OBS79, Re90a]. **Asset-R**
[Re90a].
**assets** [LMN10, TTL+13].
**assigned** [WWB09]. **Assigning** [JJ06]. 
**Assisted** [Bar92, BHH+12, GH83, RASL12, APS16, GMPN16, HHC12, WWL+10, YCG+14]. **assisted-living** [GMPN16]. **assisting** [NWZ05a, GXZ+19].
**assistive**
[MCV15, GMLSF+15]. **association**
[LCSL06, TL14, YHR03]. **Assortative**
[Hsi91a, Sta03]. **assumption**
[YLA+17, ZG10]. **assumptions**
[DI01a, RLvV06, YLA16a, dRT06]. **assurance** [AS16, CW89, FFWE17, HNH15, Iso98, NDM80, OKMD12, RST98, SM00, WKD+19, ZE03]. **Assuring** [Hon90]. **Astor**
[MM19]. **astronomy** [DHC+11]. **ASWEC**
[GH08]. **Asymmetric** [LTW16, CSS+13].
**Asymmetric-histogram**
[LTW16, CSS+13]. **Asynchronous**
[FC96, FG93, Ha91, HMG96, KM92, GLJ00, Gho01, LR04, Rav03].
**Asynchrony**
[JLGM17]. **ATEMES**
[KSH+12]. **ATF** [CH05]. **ATLAS** [CL04a]. **ATM** [SSK98, WMD+10]. **ATNet**
[BMS94]. **Atomic**
[CGP+09, WMM96, MK00, Rom98]. **Attack**
[DG87, CWK+13, GJ08, MB11, TSL+11,
attacks [BBBP13, BCR+19, GMB+09, KPS10, KKH11, KKP12, OLV15, RZPM12, SKZ+04, SCH05, TLL13, jWLY+13, YXH+18, ZGZ+13]. ATTEST [NC10].

Attitudes [TKS95, CLS+12, JH99].

attractiveness [AADAD02]. Attribute [FWCS12, Mot96, CL12, JH99]. attractiveness [AADAD02]. Attribute [FWCS12, Mot96, CL12, JH99].

Attributes [GR97, AAC+17, BL03, CGSGR06, HPF16, LMPM18, Wij03, NC10]. Attributes-based [NC10].

auction [BV15, CHL+08, KBRV17, KBRV18, LLL06, TY18, ZSB19]. auction-based [KBRV18, TY18, ZSB19].

audio [BCA+19, HHL06, yWpNyL11]. audit [WZG09, ZHAY12]. auditing [YYS+16].

Audits [Ber81, McD02, BV15, CHL+08, KBRV17, KBRV18, LLL06, TY18, ZSB19]. auction-based [KBRV18, TY18, ZSB19].

authentication-chaining [EA11]. Author [Ano80a, Ano81a, Ano84a, Ano85a, Ano86a, Ano87a, Ano88a, Ano89a, Ano90a, Ano91a, Ano92a, Ano93a, Ano94a, Ano95a, Ano96a, Ano97a, FMGOS8, Glao0a].

author [BBG+04, PSS11]. authorship [LWL04].

Auto [TSCB19, AIE19, DVV+16].

auto-decomposition [AIE19].

Auto-scaling [TSCB19, DVV+16].

Automata [SP94, DPP+18, KH06, WKL09, WOLS12, WS13, ABC13, CR06].

Automated [Arc81, BPO+16, Ber91, BNS12, BLS06, DF84, FAS94, GML05, HWHM02, JSM10, MB06, Mer87, NBA+17, NS83, PS13, PBC93, PW18, Rec93, SKF95, TJJH15, TBB+08, TSRC18, WL15b, WBS+10, Yen00, YFT+15, ZAO08, AsdmGM14, ABC+13, AS17, BSG+18, CCM12, CdCmDms1a16, CwK+11, KCS15, DW14, FKVVH19, FGL15, HBM19, HCNW05, JSHW14, LW07, LT08, MGD12, MG16, PG05, SH17, SPL1W7, SC88, SK13, SW16, VM13, VHFST15, VHFF+17, YLCZ12, CSSW05].

Automatic [ÂGBYB+14, AM85, ABL15, CCCT06, CL17b, CBMS16, DGM93, DB005, Fdâ1M12, FMP16, GL15, Gla90b, Hab85, HAE+15, JEEL16, KSH+12, LPM15, LQLW12, LMPM18, LSLG17, PH06, SA08, WRT+13, YLC06, ZLO6, dRTR06, AAM+17, CCdR+16, CCHT09, DF98, GcVH+18, Gla97i, HZ15, HY11, HJ12, HFC16, JF99, KGM106, KBHG17, Lai95, LN+11, LL99, LHP+09, LHP+10, LDS+19, MSK+17, OGRJ+18, PTBP08, PPS12, RJHHC08, S211, SAKZ15, TAF+17, TH02, VA08, WBW+06, ZCO8, ZSO5b].

Automatically [CHL+19, LHC+18, YFz+16, AMTH17, RMCh+14, HRRC16].

Automating [CNKL12, KKT17, LZZ+18, SKL10, LG98].

Automation [BMP97, ZH83, ACDG02, BFLZ13, DL06, FVHF+15, GL15b, GCD13, KAS18, KMK16, SJR+11, WRR14].

Automotive [HB+17, DNSH13, ELHC13, GD04, MSS18, SP08, FL5N18].

Autonomic [NKJ109, BD08, EG+11, MB16, WDC108, WTG+15].

Autonomous [BHMM09, MHW01, BVV+10, ETH15, GHK05, JSM10, KGG18, MSHG18, PBM19, WM99, YSDT11].

Availability [ABA08, PK02a, Tsu85, BT17, OCC12, POT13, SW10]. Availability-based
DB95, DPP+18, DK15a, DPSU06, Di91, DACY07, DK01, DH13, DZW+09, EAH+11, EA14, EBGR01, EBI4c, EHKH04, EUR+13, EK13, FBBF15, FY04, FHHL09, FWCS12, FYCL13, FVHF+15, FKWVH19, FSPH+16, Fic89, FdOdL04, FFV19, FCL+00]. based [FCB+16, FSS+13, FPW96, FNWL18, FL09, GMR08, GKD13, GML05, GJ13, GVPPM18, GBL08, GMR17, GM02, GPMI13, GR05, GS17, GPF11, Gie79, GGB19, Glo95i, Gok09, GKV14, GHBD+16, GMS07, GJ07, GHK04, Gr07, GJ08, GAWW07, GCSAdp11, GAKF13, DDF+13, GDSB11, GMS11, GPL+15, GLOM19, GGS15, HBG+14, HP16, HSC15, HJBH10, HBT16, HRL09, HHZ92, HSM+07, HZH+16, HNH15, HSPD14, HRB12, HRRC16, HNS12, HWC+10, HL94b, HYC02, HB13, HH06, HH08b, HWL13a, HHL+97, HDLK00, HC01b, HH05, HZCD05, HCC+10, HYWS11, HWLM11, HP12, HWLS13, HK5+17, HZ07, HWML04, HCC10b, HR10, IAA16, IB11, JS11, JVP+98, JR09, JK13, JW06, JHSB09, JC15, JXLC15, JS13, JS16, JTM04, JH10, Jor10, Jun00, KBM05, KWE99, KAO13, KBD09, KK07a, KDS+08, KK11, KOL+14]. based [KVGS11, KSAOK04, KU10, KKP06, KYPW06, KY08, KY10, KKL+11, KLL17, KJO4, KTK01, KSS03, KEOK06, KM13, KB16, KSFT89, KTF+16, KBVR18, KSS15, Kua94, KLHG07, KKLB11, LWS+03, LHL05, LJ05b, LKR13, LK01, LNC01, LH04, LS04, LPR04, LKW+09, LCT10, LMN10, LC10, LCC10, LKL+11, LESL11, LS14, LS05a, LCLF13, LZL+06, LXG09, LXL10, LQIW12, LHZX12, LWL+13, LG15, LQLC16, LGH+17, LZCL19, LLVM19, LCC02, LP05, LCLL08, LL10, LT11, LH11b, LHY12, Lin12b, LCC+13, Lin14, LLWL14, LDZL15, LWL04, LS05b, LZ06, LDL07, LG08, LC08, LIV+09, LNY+11, LBX12, LZKW12, LW13a, LZLC17, LASL14, LL99, LHC+05, LLL+14, Lok06, LHLG+15, LWW+10, LWL09, LCL15, LTW16, LW13c, LZR16, LLGZ13, MYZC06, MJF10, MOD+19, MKL+00, MKS10, MV05, MV06, MLD+14, MFTP18, MB09, MCV16, MDB13, MJ14, MK17, MLD16, MvD08, MPN+17, MOH16, MK15a, MB11, MIUM12, MIBV14, MA11]. based [MG16, MCS+12, MG07, Maa98, MCKA18, MSB+02, MHS99, Maa84a, MIK13, MDR06, NLK05, NC10, NL99, NKMM12, Nc96, NCW+19, ND18, NPC12, NG08, NGM08, NDS13, O008, OW04, OI08, OZO+14, OD17, OLZ13, OSH+18, OB13, ONR02, Ozn09, ONZ09, Pal12, PE011, PMDH13, PG05, PKL03, PS05, PB15, PWY+16, PDC01, PAOC15, PTBP08, PW00, Pen11, PCYZ12, PLGT10, PILO06, PB16, Phi04, PPS12, Pla95, PR10, PA99, PW12, PS90, PW03, PLP04, PASC13, QXYL16, RNC14, RBT11, RF10, RH02, RRV19, RAK15, RZMP12, RO13b, RRW00, RG10, RLY+13, RXY+19, RSP03, Rey07, RDD2, ROFGFRM13, RMD11, SCMS15, SM09, SZ06, SRGL08, SFMB16, SCdS+06, SI12, ST13, SMvD16, SNM14, SKE10, SRS15, Sha09, SBZ+17, SPLW17, ST07, mSgFtL05, Shl10, SL02, SAKZ15, SA11, Snu99]. based [SHBA+16, SA16, SM06b, SV12, SM+09, SDB16, SHS16, SS04, SM08, SHC+11, SGW+15, SZW+16, SZPMK04, SM03, SH07, SHGT16, SLL12, aSRS+10, SH+15, aSRZ+18, SHBC19, TY18, TJJ07, TG17, TKJL13, TB13, TCT18, TSCB19, TPGs13, TAB+16, dTdsS08, TKCR14, TL09a, TTL10, TDK+07, TPKT12, TXC19, TMTB19, UK17, VCDa+16, VKL16, VMJS06, VHFF+17, Wal05, WCH03, WC06, WC07, WGY+08, WDC08, WWYZ11, WYLC13, WCC+14, WGC+14, WXY+17, WZX+17, WFY+19, WKH09, Wau19, WGZ+12, WKD+19, WSM+95, WG05, WQ06, WDC10, WAO12, WLC08, WS12, WYY+12, WOLS12, jWLY+13,
WS13, WZJ14, XJZ +15, XWL18, XYS07, XLM +15, XZZ +16, XYZ +19, YSG17, YY04, YWH11, YCL13, YTW +13, YCC16, YCL18, YGH +16, YS04, YLC08, YL09, YZL +14, YSK06, YBE17, YGN +16, YKC +12, YFT +15, YZC15, YLZ +16, YLYL17, YZY +18, YC08b, ZEY04, ZC08, ZTZ +11, ZLZ11, ZTXT11, ZLW +12]. based [ZM12, ZT14, ZML17, ZHH +17, YWHL11, YCLY13, YTW +13, YCC16, YCL18, YGH +16, YS04, YLC08, YL09, YZL +14, YSK06, YBE17, YGN +16, YKC +12, YFT +15, YZC15, YLZ +16, YLYL17, YZY +18, YC08b, ZEY04, ZC08, ZTZ +11, ZLZ11, ZTXT11, ZLW +12].

Bases [KZ91, Uck91, BF99, MP94, MA94, She89].
Basic [Boe83, GMP94, De 97, KP10].
Basis [Lea95, McF92, WM90, EVR11, KG79, SXWY14, TFLW99]. batch [AR18, SR15, dSSJV08]. Battle [RB93a].

Bayesian [Bai05, BHXN05, DW90, EVR11, RG79, SXYW14, TNJH07, YLYL17]. BBN [FY04]. BBN-based [FY04]. BDTEX [KVGS11].

Beh [Gla91h, Mat86, WLL17, ED04, FFdRG +14, Gla96h, KM13, ZCd96, ZZ16, ZXC +17].
Behavior [MD91, Nt98, Sak86, SWR +83, Aaa15, AAB19, BPGS13, CLSa01, CGW08, CRSS14, LGH +17, LLHY19, NJ17, OK11, OI08, RRC07, SC88, War89, KMWL12].

behavior-driven [NJ17]. Behavioral [BW83, HFC +01, LFW15, Mi96a, CMT02, Gla00k, IJBB10, HZCD05, KZD09, LZX01, OHR90]. Behaviors [FZH95, CCCT06, MM00b]. Behaviour [Nt98, AB1 +17, BPQP +10, OFWP07, Phil04, HL10]. behavioural [BZ10, HCWN05]. behaviours [HCWN05, dLO4]. behind [Gla00m]. Belbin [HS99]. belief [AC16, BG09, TNJH07]. belief-theoretic [BG09]. believe [FF89]. believing [Gla97c]. Benchmark [Haç89a, BGE17, ÇZUB99, CDOP15, ZBLG07].

Benchmarking [NG08, FMdAR16, SA11, VVA +15]. benchmarks [SPC16]. Bend [Gla96f]. benefit [NGC02]. benefit-oriented [NGC02]. Benefits [BS12, BB89, BG910, FDÅ12, LMT16, TTR +13, ZGY +15].

Bessel [GJ13]. Best [GFP11, GH08, KB16, Sla02, VE03, CL11, Gla91b, Gla92d, KÖ07b, N113, OZO +14, PFL16, ZADA15]. Better [Gla93i, JTM04, ABL16, GL98d, SRSC16, TC16a]. Between [Ch86, HD84, Lan90, AJLS10, AC17, BMES04, BBD +15, BBS00, BCD +18, BG +08, BFPGS +08, BWDP00, CFMRL11, CRC19, CKL12, GMPAP08, EZOK14, Gla96d, GBDCR12, GV14, GMS07, HZ79, HSM16, IBAH12, JH001, KBGAW16, MER17, MR00a, OBS +18, PPM14, PW09, SCGL +18, SÁM17, SBDB19, TR18, TGE17, VCMG17, WMW12, WHG00, dBV09, vDRLV01].
Beyond [Gla95d, RGBM06, dMSSS +13, ZK13, AZX14, AT15, Bos12, GL14, MM19].

Bi [FL05, VRT18]. Bi-directional [FL05].

Bibliography [Not85a]. bibliometric [KLA +19]. Bidder [CHL +08].

Biographies [Ano10b, Ano81c, Ano81a, Ano84b, Ano85b, Ano87b, Ano87c, Ano88b, Ano88c, Ano89c, Ano89d, Ano89e, Ano89f, Ano90b, Ano90c, Ano92b, Ano94b, Ano94c, Ano95b, Ano95c, Ano95d, Ano95f, Ano95g, Ano96g, Ano96c, Ano96d, Ano96e,
Broadcasting [WHYT06]. Broadcasting [KM04, CK00b, LCY00, MK11].
Broadcasts [Ram90]. Broadening [McF92]. Broker [WJZ14, KAK+13].
Buffered [MF90]. buffering [YZG+13]. buffers [SLC00]. Bug [MRS18, ACB18, BNS12, CPZF19, CCHW09, HK13, LYLC16, SAKZ15, ZM18].
bug-fixing [ACB18]. Bug-proneness [MRS18]. bugs [CPZF19, CPRT16, ECS15, VGSN18, WLL17, YLCZ12, ZCY+16, ZFY+19, IBAH12].
Build [PF95, ABJ10, CD+14, HFRHS09, SCC16].
Building [Bar92, DSSL09, GZKL13, HL94a, HO96, WHC07, BSG12, CIZ10, GSM19, GRRX01, GCSSD+18, GTF17, Ha92, KH14, LLY07, SRGL08, SL01, TG07, XYS07, LJDK10].
builds [FW90]. Build [Gla89f, Wal05].
Business [ACDG02, CBVD07, DLG96, HH97, ML18, PFRPC19, TL96, WM90, ABCT06, BGLG13, CFRPC+18, CO12, CL+13, DIP89, FDAM12, FS+11, GV99, GBDCR12, LC09, LCL04, LPM15, LMGBH17, LW06, MSGDL12, MHSM99, Oja16b, OFR+12, PCCLdGP12, P000, PNL07, Rey07, ŠK11, SL03, SJ17, SS14a, SDB18, SLR16, SK18, SSAS11, TAF+17, TK00, VKL16, VSV+16, WW09, ZMAV08, RCL14]. bust [Gla97d].
Buyer [Hon90]. bye [Gla00]. Gla02].
Bypassing [TK16]. byte [Kim12]. Bytecode [GK08, CY04]. Byzantine [BDK08, Zha09].
capture-recapture [Iso98].
capture-recapture [TR00]. Capturing [CBL+15, MH11, PkS18, YAKK16].
car [PG05].
card [BNvdH05, TBsvW18, ABFm12].
Cards [Bri92, JT97, BPM06, HCc10b, KKP12, YSL+10, BBC+08].
care [HWdS+15].
Cares [Glh98].
carotid [CCWt13].
Cartesian [WDS09].
cascades [Rnc14].
Case [AHC0, AN01, BPM97, CL04a, DGM93, EC98, Eli92, FWD97, Glh96, Gor91, JVP+98, PW92, RV92, RB16, Scd93, SSP17, SW94b, SB88, Wkh90, Wic92, AH88, AAAC07, AAGT16, ASS07, Anl00, ABC+13, AACL02, AWSE19, Bar94, BP80, BmAM17, BPFAGS+08, BS12, BAAD17, BCF+05, CCcT06, CW02, CKMT10, CXO+15, CZC+18, CCC06, C0P7, CFA+19, DSB05, Del08, DZHR04, DF00, DFCR96, DJW08, ED04, EA12, EA14, EG00, EBGR01, EYR11, EBB09, ELHC13, FAB+07, FCL+00, FLA+01, Fr04, FWA09, FMAR16, GGK19, GR05, GPPT16, GSdS16, Gur01, GEM15, HGBS18, HF08, Han12, HLAB99, HWC+10, HCC10a, HPH12, IF10, JWA14, JG08, JCyT16, Jc15, JAS19, JR15, Kan15, KOS15, KFN19, KK06, KJS+12, Kvh12, KSM+16, KC98, KMG+19, LQWLW12, Lnh09, LC08, LWZ12, Lok06].
case [MAH18, MVSg18, MCTM11, MPL+15, MT90, MMTS15, NR08, PPG+13, PSS+16, PAB+17, PCcLDgP12, PW09, PB04, PWA+19, PSC+09, RR06, RAS14, RR98, RRW00, RGBM06, RASL12, SSA+10, Sts10, SS12, Shi12, SSvdW99, SS4a, SDB18, SGC+17, SCC16, THGL07, TKP+18, UGFK15, VTo+17, VAS+04, WGKW19, War99, Wkd+19, WR14, WHMP99, WLD16, YLA+17, Ynu00, ZLL+12, ZYA+18, ZAY19, dBl2, dSdMS9+14, vYAT13, AP95, Bt03, Glh91a, IYK095, IKCN91, Ll04, PC98a, PKK98, RBM95, TM97, TKSRP11].
Case-Based [FWD97, EBGR01].
case-supported [Bar94].
cases [CKL08, DJW08, KSM+16, LWN03, LLWL19, NS92, TAU+18, WZY+18, YLC06, ZQZ+06, ZY+17, ZZC18].
cash [FHH10].
Casper [CBSM16].
casual [RB99].
catalog [PTK00].
catalogs [dAGS+z15].
catalogue [EL10].
catalogues [DV10, PB00].
catastrophes [SC09].
Catastrophic [DG92].
Categorical [SA06].
categorization [ASLM18, BCL+18, GK98, KGM10].
Categorizing [OW84].
category [FYF+z16, ZA12, CPX16].
Category-choice [CPX16].
causal [HYC04, JJP02, JFC08].
causality [CBSM16, CPV+14].
causally [CN04].
causae [Gla96h, LM03].
Caused [BAH96, FA97].
Causes [LP95, vGB02].

Certificate [PKR01].
Cca [SLZ12].
Cca2 [RG10, ZZ12].
CD [Lai97c].
CDH [ZG10].
CDL [WKZ10].
celebrate [WC16].
Cell [WWC13, AAMS14, GAT15].
Cell-related [WWC13].
cellular [DTS+z04, KMS09, LLKL04, WOLS12, WS13].
censorship [Shi12].
center [LZL+z15, WDC10].
Centered [FG94, KSKP11, KPS+z04, ZA15].
centers [MH04].
centred [KK06, LSLG17].

centric [CCY11, LD00, LS99, OBS+z8, PTO08, PCT+14, Pn03, RHHT18, SNBH08, WYW+12, WDN05].
century [Gla99d].
Cepage [Mey88a].
certain [SC01].
Certificate [YL+z16, GMR08, LHZX12].

Certificate-based [YLP+z16, GMR08, LHZX12].
certificateless [HRL09, TTHS12, ZMQ12].
certificates [ZSM05, RMC05].
Certification [WH97, JH01, VP00].
Certified [BDGP13, BCW05, CWH00, LL06, Sha07, WH03, WL09, YYL+06].
CF [GSM19].
chain [AMAY19, CPS11, JJP02, PP04, AK18].
chaining [EA11, TSCB19].
chains [KMK17].
Challenge [CJ09, Rya13].
Challenges [AZ14, CL02, DPL16, VHFST15, BGE17, BCG+z3, CHE17, Ch16, DGCA17, GDLB16, HM16, JG14].
KSH05, KU10, LZ12, LLWL19, MT07, MRBN17, MRJD+12, SZ11, SH98, SS14b, SL1Y17, TCK14, VHL14, ZMAER99, ZM10. class [ALRP16].
classifier [JE02a]. classifiers [EBGR01, PS05, XHM+11, Zha12a].
Classifying [dAGSdFS+15, WWC98, Ala15, CPZF19, GSM19, LHG+18, YFZ+16, HRRC16].
CLEFIA-128 [TSLL11]. Client [Gla97d, MSA08, BCF18, CCDD00, CPL+04, HC04a, NGC02, Pou05, SMS94, YS04, CWJK13].
client-based [CPL+04]. client-server [CCDD00, SMS94]. Client-side [MSA08].
Client/server [Gla97d, CPL+04]. clients [FHT07, KNA11, OM13]. clone [MRS18, ND18, ZeKSI13]. clones [BKSM13, BKSM14, MRS18].
cloning [ZY+17]. close [Gla95a]. Closed [MR86, WLC13a, NK15, NDS13, OH15].
closed-loop [NK15]. Closely [HJ90b].
Closely-Coupled [HJ90b]. closeness [Wkb0S17, WGH00]. Closing [CFSS98].
Closure [Fra86]. Cloud [AKAA18, FS14b, GDLB16, GGS15, HLS+13, MT13, Rya13, AJG+15, ALRP16, AO16, BMA+13, BV15, BJ+11, Bis13, CN18, CZG+15, CNO+15, CHL+13, CAG17, CDPM17, DS16a, DEA+14, DM17b, DS16b, EGH016, FB18, FNWL18, GS17, GGB19, GCSS+18, GMMC13, GZS+18, HS15, JCYT16, KSN17, KA18, KQ17, KBRV17, KBRV18, LMT16, LZ1L19, LLHY19, LDZ1L5, LZY+15, LZC14, LCL15, LLY18, LZG15, MJ18, MG16, MK17, MS17b, MMB16, MIKG13, MC1V5, NK15, NB13, Oja16a, Oja16b, OS+18, PWS+15, RQD+17, SKR+18a, SBO+13, SBB+16, SM13, SCC16, SS13, SWES16, TY18, TG17, VPMVM+13, WDC12, WCX15, Wen16, WCB+17, XXZ+16, YYS+16, YL16, YCLC17, ZWC+19, ZFY+19, rBHMI17, Cha17, LZO+13, LZO+16]. cloud-based [CVO+15, CHL+13, LDZ1L5, MK17, TG17, YCLC17].
cloud-native [KQ17]. Cloudera [MCL+17]. clouds [DVV+16, MK15b, SB19, TSCB19, ZSB19, ZHY12, Cdad+14, KKG+12].
CLPL [CX10]. Cluster [Gla92f, AKP04, Ano92g, ABW07, BH09, CDGJ10, CLG08, MKMS05, MB06, MAS13, PK02a, Shu99, WZJ01, WGC+14].
cluster-based [AKP04]. Clustered [WWC97, CDC09, WWC00]. Clustering [BP91, CV14, LK13, LWOY16, MW95, RY93, XZZ+16, ACGS+08, BPGR13, CZC+18, CL17b, CBK02, HLMB07, HWML04, HR10, KCB05, KS16, LQC+14, LNZ04, LXZS06, MK16, MB06, MJ14, MK06, NMM13, SMDM05, TZ12, TTWY04, ZCZ11, Zhu04d, Zhu06].
Clustering-based [XZZ+16, MJ14]. clusters [AO16, BLMI0, BHH+10, CBK08, IKBH14, RBT11, SHS+07, SBZ+17, ZHGL11, dACMA07].
Clustering-based [XZZ+16, MJ14]. clusters [AO16, BLMI0, BHH+10, CBK08, IKBH14, RBT11, SHS+07, SBZ+17, ZHGL11, dACMA07].
CMM [Chr99, RVM99]. CMM-based [Chr99].
CMM [Rei00, SNJ+07, WL15a, YYL+06].
Co [DRELHE16, LC06b, SVM19, BSG+18, GGVH+18, HyLW+12, HNH15, KBHG17, SHHL12, WRS+17, XY07, ZS01].
Co-change [SVM19]. co-changes [WRS+17].
Coal [BRG+12]. coarse [PZEL01].
coarse-grained [PZEL01]. COBOL [AP97, Ano87b, BB89, Gla97b, JPK00].
Cocktail [Gla90b, OHJ01].
COCOA [MG107].
COCOMO [MGI07].
CODING [FG07, Gu91, NBH9, SA07].
Code [AC97, AF96, BAEH96, CR90, DTKV06, Dov97, Kal92, Kh10, Lak93, LSC04, Lue92, OC90, SED16, WFF18, YC13, AD07, AMIL17, BHN02, BGH+08, BFV04]
BM98, CDM98, CAHV15, CCLL11, CHL+19, CHL04, DDGR09, EAH+11, FDN+16, FLRT19, FMSG08, GK18, GE15b, Gla97i, HNZ17, HM00, IKBH14, KR14, LK09, Lea08, LC07, LK13, LK16, LQCL16, LZL+18, LGM+18, LCL+12, MRS18, MSGM17, ND18, NVPGMPS17, OM13, OHL17, OKS+15, PAR14, Phi06, PUPT03, QBO+14, RGBM06, SJJ+11, SRJL+18, SMRO9, SPBG18, SHW09, TAF+17, THGL07, WCO05, WDC10, YXH+18, YWHL11, ZQZ+06, ZCT+09, ZTZ+11, WGC02].

Communications [LMS11, Tse07]. Community [Mor86, ACL02, BBA10, HYC04, JS99, SS13, WF07]. Communities [SBGT13, ESM19, GL14, TKH+11]. Community [AM94, Ano13a, ESRF19, JR09, LWZ12, QGZ+15]. community-driven [JR09]. Communicative [Hsi91a]. Companies [ESWA18, BV16, GTF17, HBOS13, KJLK07, MVSG18, SNC13, VHFF+17]. company [AT18, DLW+13, MDFG08, TTMI19, YJZ17, Sed93]. Comparing [HBVG08]. compared [Lit80]. Comparisons [MM01b, Tho06]. compatibility [FK01, FCC+10, KKT17, RFZ08]. compendium [CTY01]. Competencies [TB95]. competency [IJP15, PJK13]. competing [CLW05]. competition [HSM16]. competitive [HPT07]. Compilation [Fri83, HL94a]. Compiler [Ros87, WWL+10]. Compiler-assisted [WWL+10]. Compilers [Mos84b, CWK+11, Mos84a]. complete [BG06, HLWC04, WL17]. completely [DGJ+03, SD16a]. completeness [RPL97]. Complex [CM12, Dam96, PdC94, PdF97, Sca88, AAA11, BM17, CX10, CL15, CL17b, Cic16, DZRH04, FS19, FGD+17, Gho01, Gie79, KGG18, La97d, NC88, PRN17, SGK12, SW95a]. Complexity [AR90, BK85, CS85, DS92, Eva83, Gou95, HC87, HS95, HB89, HL98, KML94, Mac91, MTG92, MM92, MK90, MK93, Rey84, Tak97, Tz92, Zei88, AHGSS05, CA88, CC04, CG05, DNSH13, EK12, JPK00, KTO05, LRH+05, MT98, Mho09, ZLT10, XZL10]. compliance [Kim07a, MOH16]. compliant [LLK05]. Component [BDM+93, CSSW05, DPSU06, HTH09, MPRS14, TDT08, XYS07, ACF+07, ADTZ12, ASGJ13, ARS17, AMNT08, BW16, BM18, BKR09, BKH10, Ber03, BBC05, BW06, BCS18, BKRW19, CGL+04, CLG05, CHCO11, CL02, DL06, DGP02, DGL+08, EL10, FM11, FBM09, FCC+10, Fra04, FPW96, GHBD+16, GMS07, GDH05, Gru07, GJ08, HNS12, HZ07, KM17, KB07, KAM13, KLGH07, LS04, LZL+06, LZXS09, LG15, LASL14, MYZC06, MB13, MdV08, MA11, PE11, PDC01, PTBP08, PKR01, Rad04, RSP03, SDG+07, SPZ06, TAB+16, VCaA+16, Wi03, YM13, ZLZ11, Ziu00, Ziu06, ZS05b, dL04, HTH09, WL10]. Component-Based [CSSW05, HTH09, XYS07, ACF+07, ASGJ13, ARS17, AMNT08, BM18, CLG05, CL02, LPW96, GHBD+16, GMS07, Gru07, GJ08, HNS12, HZ07, MYZC06, MB13, MA11, PE11, PDC01, PTBP08, RSP03, TAB+16, VCaA+16, ZS05b, WL10]. Component-Interface [HTH09]. component-level [DL06]. Component-Oriented [TDT08]. componentized [SRGL08]. Components [BAEH96, DJL93, Eva97, TL96, BWW+18, BT06, BDL16, CCD+04, DACY07, EBGR01, GS07, HH07, HJ14, HGK+06, IC5K14, JRO12, KBK06, KKH07, LCP16, LLX+11, MPAA15, OCCI13, RBT11, RITF+11, SAMN12, Sch03, SSA17, SJ17,
SS15, VP00, WGH00, WDN05, YSG17]. Composing [DACY07, LLX+11, WDN05]. Composite [DGS88, HS95, Çam00b, CDEV08, Cic16, HS15, LQLW12, LASL14, MK15a, SYT+17, WZJ14, YDG+12]. composite-metric [MK15a]. Composition [DACY07, LLX+11, WDN05]. Composite [DGS88, HS95, Çam00b, CDEV08, Cic16, HS15, LQLW12, LASL14, MK15a, SYT+17, WZJ14, YDG+12]. composition-based [FL09]. Compositional [SK18, TKJL13, UH96, MK10, SGC+17, TK15]. compositionality [Sch03]. compositions [APM+14, BBDI8, Mer13, MSL12]. compound [KPS10, jT12]. Comprehending [Sca88]. comprehensibility [FRF98]. Comprehensible [MdFD+15, VMB+08]. Comprehension [AS96, BBP96, KLT07, Let87, RCMM91, DRW00, SKW06]. Comprehensive [OD10, Zvi93, ABJ10, CS15, CELS07, CPRT16, FBB15, FCC+10, KR98, VK08, YZ15, rBH17]. compressed [LZG07, Lin12a, WC02]. Compression [Cha91, CBK06, CW97, BGG09, JEE16, KPT13, LSC04, QZ14, SI12, TC06, WCH03, WCC10, WW00]. compression-based [SI12]. compromise [RFZ08]. Computation [KD91, Alz08, CLC08b, CLC08a, DEA+14, MJ89, RMC05, TH05, TAB+16, YDG+12, YZL+14]. computation-efficient [CLC08b]. Computational [YGN+16, CL04b, RHHT18, SRS15, TCAF16, Via98]. Computations [AQ90, BFR96, BP91, Shi10, SK10, ULN06, WWC98]. Computed [DS09]. Computer [Amm91, Bar92, BTT84, BLBP92, BD10, CPT05, CZ91, CM92, DG87, DV94, DHP86, FM90b, FS91, FK92, GKH1a, GKH1b, Gla90g, Gla92a, Gla96c, Gla97e, Got92a, Got92b, Hay86, Kel92, Kar04a, KL90, KNT86, LIC92, LCJ10, Lue92, MC91, Mat86, Mvs95, RA91, SL80, Sch81, Spa92, TLPH95, YN91, Zvi93, AACL02, Fle95, FF89, Gie79, Gla89c, Gla96e, Gla00i, Har98, HHC12, HLW12, I611, Kar04b, KBDGAW16, LNC01, Mar81, MB19, Mey88a, MCV15, RVG04, RRC07, SLW+15, ST89, Ston79, Sta02, TVK94, TVK95, VB99, WZG09, WS+95, Zel09]. computer-aided [Mey88a]. Computer-Assisted [Bar92]. computer-based [WS+95]. computer/IT [I611]. computerized [JJP02]. Computers [IIM95, OS87, SM92b, CC99b]. Computing [Eng81, FK92, Gla91h, KN97, Mor86, Pow86, PP04, RV91, RV92, RV93, Sch97, SPDT06, TMTB19, ZR94, AJG+15, ALT+09, ADMK+10, AR18, AHLH16, ALRP16, AAN11, ANH07, AGBD14, BV15, BCF04, BS96, CZG+15, DHL06, DB06, DPM07, EGHO16, FB18, FTC16, Gl95i, GL05, GZKL13, HGP+12, HC01b, HH17, HL06b, KHS10, KHS11, KR08, KK07b, KQ17, KBRV17, KBRV18, LCY00, LKL04, LK04, MKMS05, Mar81, MT13, MGI07, MPG+08, MCV15, Oja16a, PNJG12, PK01a, RQD+17, Rya13, SPK99, Shen99, SY16b, Som13, SGK19, TY18, TJJ+18, Tan04, TE99, TW98, TM98, TLK16b, WT01, WCX15, WLZ+17a, Wen16, YL16, YSJ13, ZERO00, ZGSH13, rBHM17, vWSB13, FdSdP08]. conceal [EEAZ13]. concealing [CPL13]. Conceptual [FS91, LBX12, MS17b, AACT13, CHN19, DH13, Gla89d, HLC99, LGMHB17, MM01b, ONR02, Par00, Xia00, YF15]. concept-based [ONR02]. concept-drift [YF15]. conception [BG+16]. Concepts [CHB94, SKU91, TKS95, BDMM03, BGY+08, FM11, JNY84, JE02a, KAR18, MH94, SPK99, TKH+11, ZPE01, Rog94]. Conceptual [BF90, DE92, FM87, Kun95, RA91, RKK16, SA14, Sak84, AF16, ARH+17, BG09, BDPR18, CT09, DB95].
DGJ+03, GPHS07, PDC01, RB99, TFLW99. conceptualization [SOS+16]. concern [ADT12, FSG12]. concern-sensitive [FSG12]. concerning [Mü05]. Concerns [SSR18, CHCO11, KPS+04, PSEE12, VM13]. concise [HWHM02]. concrete [PC10].

Concurrency [DY03, wLyLiH97, RMC93, SW96, CKyL98, HK13, Jun00, KMS04, yLcY98, MMCB00, PM99, SY02, Shu03, SNDD19, WSM+95]. Concerns [ASSA96, Ara95, KC96, KD91, Kus90, LVB+93, Ng93, SW93, She90, SMB94, Sta90, SP94, UH96, WH97, ACRD19, dSAC4LF17, AMNT08, BM18, CL18, CLLC96, CD05, DY99, FRR09, FW90, LZR16, PTF+15, TS89, WLL19a, WLL19b]. concurrently [ST89]. Condition [CCWT13, JLYK09]. Conditional [EBEL18, FSGW11]. Conditionals [HC86].

Conditioner [DDF+05]. conducting [CC11]. Conference [BKW10, KT16, LH12, LP07, DGV08, Sai09, SS17, BCL+18, HL10, LKH09, Tse07, VE03]. Conference-key [LKH09, Tse07]. Conferences [LCM+13]. CONFIDDENT [PGRQVV12]. confidence [JTM04, LYC14].

Confidential [HS11b]. configurable [PSS+16]. Configuration [Bro87, BL10, CzdV98, HBGS18, MSAH16, MAS13, ORJ+18, Rav81, SDG+07, SP14, SHBC19, TBG13].

Configurations [ZX94, GBH+16, WBS+10, WGS+14]. Conflict [L00, ZWX+08, HGK+06]. conflicts [EUR+13, HST15, HST16, JHJW08, LKL02]. Conformance [ATHM17, KYP+03, LCLP16, NS92].

Confucian [WKbOS17]. Congestion [Haé94, GWAW07, PV94, XZP+10]. conjunctive [BL11]. connected [Ab06, Ab08, SK03]. connection [Cic16, JE02a, LJB05]. connection-oriented [LJB05].


Consecutive [AT18]. consequences [HTB12, ST01, SMB17]. Conservation [Leh80]. Considerations [RA91, Rog89, Won93, Car99, Ge79, PKO1b, WZ15]. Considering [BD16, SÁM+16, WWSZ15]. Consistencies [JFC08]. Consistency [CC99a, Kun91a, HC97, LG18, PK01b, ZW15].

Construct [Car96, LKR13, UW95, VMJS06, CCR14, CBG09, EK12, GM02, HCDJ08, TFS10]. Constraint-Based [Car96, LKR13, CBG09, GM02]. Constraints [LH95, Pha94, UH96, WF96, ZR87, LPP15, CL17b, CF12, GLZ15, GWW+11, KTT+17, KBHG17, LtLSW06, LYG+19, MK08, NB16, SÁM+16, SRS15, VT98, VT99, ZTZ+11, ZKL+09]. construct [Jav88, KTF+16]. Constructing [Fer93, HK96, WZG09, YCL13, GMPN16, GCSSDP+18, GSPS+13, GAT15, YZ08, dBvV08]. Construction [KK16b, OH94, vC80, BHM12, CX10, Luk11, MSH98, RLL+18, RG79, SKL01, SMK+18, SFM99, WWLG13, YKC+12, SGT13].

Constructs [BBS00, MO18, PTF+15]. consultants [CWJK13]. consumer [HTB12]. consumption [ÁRMC16, APS+10, KA18, PAS+10, SMHS18, XJZ+15].
ConSUS [DDF+05]. contained [LY01].
Container [dACM17]. Container-based [dACM17]. containers [SMH18].
Contemporary [Rey80, BGS16, Gla95].
contending [AAP04, CdR14, CLG08, FMPS16, FdSiP08, KM17, KY08, LK01, LH10, LVPMPPCLS13, PAG13, Shi12, SL01, TI00, WWZ15].
Content-aware [AKP04, LVPMPCLS13].
context-based [CLG08, KY08, LK01].
context-based [LY01]. Context [AAMS16]. Content [AKP04, CdR14, CLG08, FMPS16, FdSiP08, KM17, KY08, LK01, LH10, LVPMPPCLS13, PAG13, Shi12, SL01, TI00, WWZ15].
Content-aware [AKP04, LVPMPCLS13].
context-based [CLG08, KY08, LK01].
context-based [LY01]. context [AA96]. Context-aware [KPTV09, SG12, SMS08, AAC16, BD16, BSSD14, CELS07, CBC14, CMNA+09, DBZ16, DPM07, FRGC10, GMR17, GDSB11, HGM13, KOS15, KRJ17, KAK13, KK07b, Kri06, KSHC14, LC11, LXC13, LLL17a, MOD19, MRT17, MPG19, MSK19, NK15, NBR19, PCCB11, RT07, SW05, SRWE10, SG16, Tom89, VKL16, XCM12].
context-based [LY01]. Context-Free [HP90, HP92]. Context-oriented [SGP12].
context-sensitive [SG16]. contexts [CC11, KWS17, LK13, MER17, MHB18].
contextual [Aki18, NL99, WRS17].
contiguous [BMOKAM09, SK03].
Contingency [Lan98a, NDM18].
Contingent [vS96]. continue [KWT+00].
Continuing [Bra89]. continuity [SMB17].
Continuous [BK17, Che17, Choi3, FS17, RHL17, TGBF17, HMO18, IBM11, LU06, LCC10, SB14, SMB17, Ti99, YMM17, YMM19, FGMM17]. Continuously [BKRW19]. Contract [DGUE18, AMN15, NL99, TKK19].
Contract-based [DGUE18, NL99].
contracting [AG08, LGW09]. contracts [BS03]. contrast [DDD14, GLW13, MM14].
Contribution [KAL97, PV94, RSM00, War89].
Contributions [LN13, CL14, LMWM18, VM07]. Control [ANB93, Bha84, CL94, CH83, CW90, FSA87, FZ93, Gl197c, Ha94, HB83, HUMT92, HU96, wLY1H97, LVMM07, MO90, RUV92, Sn95, TM97, AAC07, ARS17, BG98, BSK19, BS10, BM17, CFL19, Çam99, CDS02, CCW02b, CLH07, CSG10, CK10, Cho44, Cho45, Cho5, CHL05, CC05, CC06, CHY15, CFN07, DMSG11, DYC19, DY03, DZRH04, EK12, FBB15, Fer00, FNWL18, GW07, HWA9, HVS9, HYC92, HC04a, JMP07, JE02b, JW06, Jun00, KRO0, KMS04, KKL11, yLeY98, LNC01, LZG07, LB10, LH11b, LY10, LDS19, MGMT10, MV09, MA94, MDMC06, MH04, NZM10, NKO10, PTM08, PCHW12, PCY12, PCCB11, SW16, SP08, SY02, Shu03, SC19, ULN06, WCLK07, WXV17, WLL19a, WLL19b, XZP10, ZML17, dRSB13].
control-based [HSM17].
control-theoretic [MDC06].
controllability [HMC92]. Controllable [KMO91]. controlled [DA8+04, HC10, MNS15, Mül05, PUPT03, Vis99a].
controller [CV14, LCF19, MMTS15].
Controlling [CWJK13, HY03, dSB12, CDJ10, Ebe99, ELH00, WJ05].
Continuity [An92e, An01f, Bab91, Blu89, Bri92, Ebe94, Gl191c, Har95a, He95, Pre90, Pul90, Qui94, RA91, Re90b, SM12b, Tau92, Th94, VPM93, Zuc90b, Zuc90a].
[BD16, Chr16, ZS95, JH99, Ano95h].
curricula [KBBW05]. Curriculum [Jef91, BM05, BT05, CR89, Cow05, LS99, Wen03].

Customer [HHSR94, AAMS14, AAMS16, Cha06, GCI13, HHK13, LCL04, Lin01, LS05b, SBA97, VLL18, FSA87].

custom-developer [GC13].

custom-oriented [LCL04]. customers [DLW+13, OD17], customization [MLV+18, PD16, WVT+14].

customized [AMGG14, CC+04, GMPN16, ZBLG07].

CUSUM [MJZ+10]. CUTE [LMH10].

cuts [CJ13]. CVM [DSC+08]. CVSS [HFE10].

cyber [AZX14, AWSE19, DMA18, GVPPM18, GBH+16, GSV+19, LS17b, LL15, LDS+19, MPLL18, VSDD12, ZAY19].

cyber-foraging [LL15, MPLL18].

cyber-physical [AWSE19, GBH+16, GSV+19, LS17b, LDS+19, ZAY19].

cybernetics [BCDM06, Cha17, CHLW17, DMC17, LH+17, LZC17, LLL17a, XSS06, YCA17].

Cybersecurity [UB19]. Cycle [AJMP96, Bas80, FF95, HZ95, Leb80, RUV92, TD80, Dav88, Fei12, Gla94d, Got93, mJKME01, LMT16, LD00, OBS79, SS15, Tia99, WB12].

cycle-time [mJKME01], cycles [SHS+07].

cyclic [LWLL12, OCC13, PK01a].

D [Aba08, BRC09, BMOK09, BMAH11, BGG09, GCDL13, JS16, MKH+12, SSP+15].


data [AH81, Bel91, BBC+88, Bla87, Cha91, CW97, CET+08, CSS10, DR84, Dam96, FZ93, GRS92, GSC91, HNS12, HCL12, HY00, JO83, KZ91, KC16, Ken84, KSW93, LHC96, Las90, LZC19, Lin93, MJ18, MRBN17, Mar84, MG81, MP90, Mot96, MK93, Myr90, OW84, PM90a, RT93, SG91, SW95b, SKT17, SB88, TL96, TC93, Tan96, TK91, Uck91, UB19, UW95, VM00, Vei87, VP92, WSN92, WH91a, Won93, YR88, YY93, YND88, vS83, AAC07, AQK11, AG15, ACL13, ACSC16, AGY+14, AN10, BRMA+09, BNW+08, Bis13, BTPLST15, BF96, CCG14, CC02a, CCY+09, CD00, CY00, CCW02b, CL06a, CNL13, CPS11, CDOP15, CWC04, CLL10, CL05b, CTK08, CK00b, CBK02, DII+17, De98, DM17a, DIB14, DS12, DK15a, DHC+11, Dut15, EH19, FS14a, FF12, GYZ11, GTY12, dGF16].

data [GMGTdFR14, GP10b, GPL+15, GZ+14, HBG+13, HS15, HY11, HBT16, Har04, HR95, HST15, HST16, HCS09, HC10, HL94b, HLOa, HCO1a, HCL+10, HWL13b, HY01, HST13, HLO6b, IAA16, JF99, Jen99, KRDL12, KCR16, KNYS09, KUK07, Ksar18, KRC00, KKL12, Kno94, LHC95, LCY00, LKL02, LM13, LKL04, LLC+09, LCT10, LC10, LRL+15, LVMM07, LCLF13, LRL+12, LB10, Li12b, LCC+13, LDZL15, LTK+15, LWZ+16, Lin16, LZ12, LW13b, LLML13, LRLC17, LK14, LW06, LCL15, LCL17, LO04, MCC03, MP94, MPST06, MPM15, MQ+17, MTF14, MK08, MDBC17, MA94, MG11, MLC09, MC10, MIUM12, MT10, MdFD+15, MSL2, MJ+10, MR00b, NZ15, NBS19, ND13, OL99, OLZ13, OZ97, Òzm09, PS13, PL94, PS06, PAOC15, PM94, PWC12, QZ12, RC89, RS+14, RLY+13, RHRC13, RHRC15, SM17a, SD16a, SAA+10, Sf10, SG16].

data [SHN14, SHS+07, SA06, SW96, SAH12, She89, Shi17, SJC13, SGBCP12, SA08, SBB19, SS07, SCCR, SW+15, TLWS10, TK16, TVA04, TBC+16, TTWY04, TW07, TLK16b, TC06, TPTV17, VTZ+17, VK08, VZT17, WDC08, WZG09, WC10, WH13, WYCC13, WLC13b, WC+14, WLZ+17b, Wei79, WQ06, WLT+09, WY+12, WD05, XLM+15, YWWS10,
YWTW11, YWHL11, YCLY13, YT W+13, YF15, YYS+16, YZL+14, YM13, YHHR03, ZS88, ZZ11, ZHH+17, ZM06, ZZ11, ZHAY12, FGD+17, HBG+14. Data-centric [WWY+12, WDN05]. Data-Driven [YY93]. data-hiding [WYCC13]. Data-Intensive [TL96, Shi17]. Data-Knowledge [Mot96]. Database [Bar86, BW96, Bha84, BM83, DK08, Fri90, FM87, HB83, Mar84, NS87, PK01b, PL83, SW94a, UH95, UH97, WM06, AV02, BL11, CZUB99, CM05, CH10d, DMV98, DFCR96, HMP99, HyLW+12, HNS12, HLWC04, HDLK00, HY95, JR09, Jun00, KRK00, KRP02, KLC02, KVT+17, yLcY98, LKL02, KKL01, LPJP09, LKL+11, LY01, LZG15, LGZ+18, MDFG08, NG08, NGM08, PDK+16, PS09, PQLN04, RB99, RB16, SVMAM04, SBB98, SLLL12, TL99, UH98, YLC08, ZHS01, ZTZ+11].

database-driven [PDK+16]. Database-Oriented [NY84]. Databases
[KW93, wLyLIH97, SW95b, SK96, AJCM08, BG98, BH09, CKyl98, DK15b, HL09, HHK13, HLI01a, JNY84, JK13, KYPW06, KKR16, KR98, yL98, LLL00, LL00, LIT+09, LKKL04, Ln12a, MLGA11, RVCMI7, TTWY04, ÜDUG04, VGM13, VT98, VT99, YCO8a]. Dataclay [MQG+17].

Dataflow [BS86, KRD07, Hsi91b, SMM17, TL89, WLZ+17]. DATALOG [Hsi91b]. datasets [HK+17, LXG10]. date [Gla97h, Gla98k]. Db4XML [SVMAM04]. DBMS [Gor91, LKW+09]. DC [YL06].


De-motivators [BH03]. deadline [DV+16, LLL00, LSE12]. deadlines [CBL+15, HST15, HST16, SK10]. Deadlock [Coo90, IT03, PRN17, AHW10, KSA0K04]. Deadlock-free [IT03].

Dealing [FRGC10, Sko14]. death [Gil88]. Debate [Rei90b, Zuc90b, Zuc90a]. debt [BMB18, CREH+18, FKA16, FSGYP17, GSD16, LAL15, MS16, MKS+18, MG16, SSK19, TAV13, YHMS16]. debtor [SLS08].

Debugger [Car83, ZEN93]. Debugging [BW83, BH83, FG93, Fri83, FAS94, GH83, HO96, KHK12, PL83, STJ83, SKF95, AZvG11, ASdMG14, Al08, BBS00, BND14, BLC+18, DW14, OCCN89, PGP+19, PW18, Shy03, WWSZ15, WQ06, WCT18, YLCZ12, CA14].

declare [DNBM12]. declare [AS00]. decaying [JLZ+19]. decentralised [NPC12]. Decentralized [AS01, EMSU11, HJ91, AMNT08, CHL05, HSC15, JS13, Ken80]. deception [DMA18].

decline [JK12]. Decision [DLS94, MTA+16, Mos84b, URG10, Zha12a, vVT16, ABG02, BW16, BW+18, BFV04, CTZ92, DGC17, DCP12, ETL15, GLZ15, GPM13, GLJ00, Gho01, JLZ+19, KWT+00, KLMZ08, mJKME01, Mos84a, OWG19, PWS+15, Pre90, RPT19, SWA+a3, UZ09, WQJ10, WPL18, ZKL+09, vHAT13, vHJPB+17, AKA18].

Decision-Based [Mos84b, Mos84a]. decision-making [BW16, BW+18, ETL15, GLJ00, Gho01, KLMZ08, SWA+a3, AKA18].

decisional [LJC16]. decisions [BL09, CPS11, HGBS18, JBA08, MAH18, MFM10, SHS16, VM12, YL06, vHAH12, vHAT13, vBSvS+19]. Declarative [FAS94, Kom88, Lok06, CCGDL10, CGT14].

decoding [BMS11, LHY12]. Decomposing [CCDD00].

Decomposition [LL98, MPS86, Mow96, Mue86, Raj94, AIE19, KK07a, Kor99a, MDBC17, SJ17, TC11, WHG01, YGH+08].

Deductive [LL97a, Uck91]. deduplication [XZZ+16, ZHH+17]. deep [DBL+18, YXH+18, ZLL+12]. Deeply [HC86]. deExploit [WLZ+17b]. defeasible [KB16]. Defect [CC07, KSH92, XLW18, ZR04, AC16, Bif03, CSN+17, EE08, HNH15, KT03, LASE00, LAT10, MS16, NCW+19, OCC13, OT18, PPB19, RSB+16, SLLY17, SPSS03, TTT98, XLL+19, YJZ17].
defect-prone [EE08, SPSS03]. defect-related [MS16]. defectiveness [OY16]. Defects [Cai98, CW90, Eva97, Bif03, CPV+14, JMP07, KJLK07, LPS02, WAWO12, XCM+12].
defense [Ano93f, DMA18, Gla93b]. defined [FFdRG+14, WTG+15]. Defining [AAA11, CDGJ10, KBJZ15, MV93, KvV06].

Definition [BGEP17, HB89, JP94, Ros87, TK91, KSKP11, LFW15, MGR+13, RRM17, YKC+12, dSF12]. Definition-Based [Ros87]. Definitions [ABL15, Sku91, CK02b]. definitive [RM19].
degree [PD16]. degrees [Gla97e]. delay [CSW10, KTK01, LZ13, LCS+19, NSAK10, TAB+16]. delay-constrained [LZ13].
delegation-based [SM09]. Deletion [Hab85]. Deliberations [CB91, Kun91b].
delivering [SCO13]. Delivery [Che17, Emd91, AN16, KD05, LHH10, VvSvV16].

Delphi [EGHO16]. Delta [LLL+14, AD07, HM00, YLCZ12].
Delta-oriented [LLL+14]. Demand [HH87, LS14, DR12, HST15, HH05, NS00, PLF05, WW00, ZLC+14, WGC02, HST16].
Demand-based [LS14]. demand-driven [ZLC+14]. demodulation [KKP12].
demographics [GCDB16]. Denecor [Hay86]. deniable [HS11b]. denial [SKZ+04, OLV15]. Densities [KSH92].
density [HWML04, ZCZZ11]. density-based [HWML04]. depend [VC97].

Dependability [CG94, FMdAR16, Pow86, RASL12, VP00, BG+06, DB06, HP16, LC09, MBPM19, SXYW14, XZAR06].
dependable [CGP+09, GRRX01, SJH+10, DLRG06]. Dependence [HOT97, HUMT92, BG+08, BHH+10, CS16, CCW02a, CCW02b, HY00, HY01, YLYL17]. dependences [MH11, PC01, WLL19a, WLL19b].

Dependencies [HB83, BRS10, DCAC09, MSL12, OCC13, SPLW17]. Dependency [ADTZ12, HTH09, HR96, JLQ+10, WH91b, HJBH10, LSC04, WQ06, YZL+14, YR09, ZKL+09]. Dependency-aware [JLQ+10].
dependency-based [YZL+14]. Dependent [K095, Car99, FBD+18, FS05, IBM11, LU06, LH08, TSSD09]. Deployed [GDH05, BZ14, MHLG14]. deploying [DBL+18]. deployment [AHH+10, ABL15, CT13, CXO+15, GDSB11, HS15, LLL15, MBAG11, PDC01, PCCB+11, RHL+17, SMS11, SDG+07, VSS+11, WL17, ZP06, ES97].
deprecation [BHVR18]. depth [CJ13, KM17, PUP+03].
dereferences [CBS16]. derivation [CL17b, CNKL12, DS05, LPM15, OR11, RBW18]. Derivatives [Sta90]. Derive [AQ90, FCL+00]. Derived [LV97, HKN+07].

Deriving [FM90a, FSG+11, PFF12, Kn04, AJCM08].

Describing [She89, KT12]. Description [MR84, OKS08, Ayr98, BBA10, FIGCLN+02, GGC16, GS17, LZX09, LPX10, RS06, SMG08, XLM+15].

Descriptions [BYY87, Mar84, Mil96a, CHN19, CP07, EVR11, LLL+17b, NBA+17, OFR+12].
descriptive [PL99]. Design [ALT+09, AH+10, AH81, Amm91, BL09, BW96, BCD92, BYY87, Blu93, BDG13, BM83, CL94, hChSyCwL10, CH94, CLG08, CDJ+84, DG92, DDGR09, DS01, EHS93, Fie89, FK92, Gla90d, Gom89, Gom94, GRS92, GA95, Ha09, HRL09, HJ12, HG91,
How80, HCC10a, Hur93, Joy87, KC96, Ken84, KR902, KLL17, KW91, KW93, LWS+03, LJ905, LLK05, LKW+09, LZL97, LG97, Loh84, MM81, MBD13, MJ89, Moh81, OC90, PW87, PZB10, PWCC01, PdC94, Pha94, RLY+13, RAJ15, Row86, RT93, SGL93, Sak84, SKZ+04, SM17b, TOY95, TDR98, TKA+02, Tsu85, UW95, Var91, WNSC96, Wha81, WSR+83, Won93, WFZ96, YY04, ZK85, ZC96, Zha09, Zho93, ZX94, vGB02, AA07, AL05, AAN11, AKKS11, ACS13, ACDM11, ARH+17, AAP+17, BPO+16, Bat08, BD16, BHH+12.

design [BM07, BPSK18, BWDP00, CSF+14, CFL+18, CLX+04, CA88, CGL+04, CH07a, CKL12, DI05, Dav99, Dav95, DSRS03, DSA+04, DLT99, DAR14, EMM01, EZOK14, ES97, FM11, FVHF+15, FB09, FGCLN+02, FSGL12, FMR11, FHT07, FCRF16, GKD13, GJ88, GVPPM18, GD04, Gl94g, Gla00h, Gla00i, GPM08, GTA14, GMS07, GA13, DDF+13, HALS08, HZ79, HJBH10, HL09, HR95, HKN+07, HJP15, HL00a, HCC08, HHL+97, HCO4b, Hua01, JBA08, JF92, JS90, JMS07, Kam89, KB98, KY92, KB06, KK06, KRJ17, KCS08, KFST89, KP07, LASE00, LRV03, LH04, LT09, LSH09, LZG07, LY09, LSc04, LJDK10, MB09, MMD16, MM19, MRY17, MM93b, Mey88a, MR99, MR00a, Nav92, NBR+13, NOFF12, NWZ05a, Ost92, PLGT10, Ph98, PK89, PFF12, PK01b].
design [PGRQV12, Rey99, RDD02, SCS15, SNBH08, SH16, Sp01, SM+18, SFM99, SDC+07, SPBM03, SLL12, SC09, TA02, TL99, TG06, TJ10, TJH07, TNJH07, TBSvW18, TJJ15, UhCLS94, WZ01, Wij03, WCY+98, WQSM05, YYLG02, YZC15, ZY+18, ZA15, ZFS15, ZADA15, ZLT10, ZMO6, ZL+96, Zhu04c, vHJPB+17, KY09].
design-based [AAN11].
design-time [AAC+17].
designated [CC09a, FWCS12, HYWS11, KBD09, RPSL10].
designated-verifier [FWCS12].
designed [CFAP17], designers [WK15, vHAT13].
Designing [AA07, AL05, AAN11, AKKS11, ACS13, ACDM11, ARH+17, AAP+17, BPO+16, Bat08, BD16, BHH+12].
designed [CC09a, FWCS12, HYWS11, KBD09, RPSL10].
designated-verifier [FWCS12].
designed [CFAP17].
designers [WK15, vHAT13]. Designing [AA07, AL05, AAN11, AKKS11, ACS13, ACDM11, ARH+17, AAP+17, BPO+16, Bat08, BD16, BHH+12].
developer-related [CPD+18]. Developers
[Por93, ABJ+17, BDV17, GFWA18, HHKWB16, HAE+15, KL16, LVVT17, LS98, OBS+18, WL15a]. Developing

[Por93, ABJ+17, BDV17, GFWA18, HHKWB16, HAE+15, KL16, LVVT17, LS98, OBS+18, WL15a]. Development

[Aki18, BM05, FGB+19, CH11, DK94, HH97, JHSS09, Ka92, KSAR18, KL00, MTON94, SG06, TM97, CCF+04, EA12, GMMC13, LMN10, O’B08, PGPC17, SJR+11, SÅM+16, SPZ06, WRR14, REF+07]. Development

[AYZI10, ANB93, AMGG14, BBØ96, CB2095, Coo81, Di87, DS85, FWP93, Gas96, GK91b, GR97, HZ84, HL90, HHSR94, HS95, HH87, Jef87, Jos83, Joy94, KS96, KT85, Lan98a, LP95, Lee93, LS17b, MM93a, MB84, NG91, Pan81, Phi81, Pla92, PL96, PZ94, PU84a, Ros87, RO09, Sah94, Sei89, SM92a, Sta83, SB93, Sub93, TC89a, TKS95, TDB97, TH93, WKM94, Zim84, vS96, vS83, vC80, AC+07, AJLS10, AKH12, AW07, ASG17, APS16, AB10, APCS10, AHC+11, BG09, BC09, BM00a, BCF18, BDGR01, BBS10, Bos12, BS15, CM15, CNG16, CH09, CC11, CLL14, CBS00, CHCO11, CL02, CNMR18, Dav88, DZ00, DC17, DNBM12, DCT17, DGCA17, DCP12, EB00, EL10, Fei12, FAI13, FFD09, FMRM15, FL01, FCRF16, FPW96, FA197, GKD13, GM05]. development

[GRBNA10, GGC16, GR05, GD12, Gla98d, GO11, GPHS07, GTS14, Got93, GTF17, GJ07, HGP+12, HP16, HDGZ06, Har00, HTB12, HVK11, HH80, HHW01, HHH+99, HMC01, HBJ+99, IAA16, JED18, JPKP04, J06, JK00, JTM04, J04, JK12, JST10, JR15, KF19, KWT+00, Kel15, KR17, KKL09, KPM02, KPE05, KSm+16, KM14, KRC08, LCP16, LGC17, LS04, LCL04, LK02, LWSH19, LCCJ10, LSD+16, LWZ12, LHTC19, LRD+19, LAS14, LJ16, LM07, LM08, tLF89, MM12, MKS10, M01, MDP+11, MGB16, MC08, MA89, MTL06, MT13, MKK09, MSB+02, NSL+07, NCK+15, NL99, NKL07, NER01, OAZ08, OKS+15, PJK13, PC15, PRS11, PFG13, PW09, PGRQV12, PLP04, PU84b, PFL16, PM10, RF18, RM19, RGBM06, RDD02, RS00, RSGH12, RMO+08, S80, SCDS+06, SSvdD16, SFJ04]. development

[ST01, She02, SWA+13, SB14, Sta09, SM16, SHH12, SLY17, SJ07, SP14, TCS9b, Tha80, TDT08, TK00, VAM+10, VM12, WK15, WCC12, Wei79, Wes02, WS13, WBBK18, YLA16b, YHMS16, ZA15, Zeil88, Z03, ZGYS+15, ZGH+07, ZP17, ZS01, dOZR+04, BMKM15, DL06]. device

[ASV+16, BBG+19, OM16, SCL13]. devices

[BK11, CDA11, CCO+16, CL12, CMK+11, DS16a, GGB19, IB11, LKW+09, LZHS11, LKL05, PCCB+11, PGS+09, S04, SKE10, SHBC19, VA08, ZK04a]. Dharma

[MMM00]. diagnosability

[BGLG13, KKH+16, LOR03]. diagnose

[WLZ+17b]. Diagnosis

[RB93a, SK02, CBS16, Hat99, JC02, LOR03, LDZL15, LXY09, MHLMG14, SHK+18, WY04, WBS+10]. diagram

[CTKT13, Ku09, LJ99, YL08]. Diagrams

[BTT84, DSN5, JSN4, LM1V5, TK91, WSN92, BC06, BS12, CR14, KZDX09, OWB11, SDB18, TL18, GC13]. dialogue

[LHLY05]. dialogue-based

[HHLY05]. diamond

[CSCW13, HCL12, DIANNE]. DBL+18]. dictate

[HKVvdV07]. Dictionaries

[Cha91]. Dictionary

[Mar84, Owo96, RF84, MB11]. did

[DDMP14, SAR15]. difference

[AKQ11, CL06a, JK13, LCT10, WLT+09]. Differences

[OS78, BBS00, EL88, JK02, SB14]. differentiating

[HCL12, WW08, YWTW11]. Different

[SK96, CBAV16, GCC+15, Kan15, LFCL12, MBL+99, MRS18, MÜ07]. Differential

[Kim12, LGW09, LG+10, Rod86, EMBS17, LKL10, LG12, SDM10, TSL11]. differentiated

[TYH04]. Difficulties

[Jef96, KL07, She02]. Difficulty

[Sch97].
diffusion [BM89, jT12], digested [LHLY05].
Digital [BEZ14, Lin01, AM10b, CWH00, CIB+19, GMS11, HRL09, HL00b, HYJL04, KM11, KLP+10, MM14, SRG+08, Sny79, TCC02, yWPNyL11, YKC+05, CDS07].
Dimensional [MPS86, Abo06, CWW02a, DGWC16, HLW08, LcLsW06, LWC+18, LQC+14, LO04, TC16b, ZMAER99, ZCZZ11].
Dimensionality [SB93].
Dimensions [LO92, FS14a].
DIPS [MC04].
Direct [CBZ00].
Directed [BDM+93, Kor83, PU84a, RG79, KS04, KPS10, PU84b, SPC16, ZLL+12, vEHvV89, CCHW09].
Directing [KK11].
direction [CCW02a, WCB+17, YCLY13].
directional [FL05].
directions [BGEP17, FN99, Sai98, VHFST15].
Directory [LS97].
dirty [Gla94d].
Disabbreviation [LTHR97].
disabled [HWdS+15].
disadvantage [CDS07].
DISARM [KB16].
Disaster [MAEL19, Gil88, HCL+10].
Discipline [Gla94c, Ano94e, FP19, PVV12, Gla94d].
Disciplined [HL10, RMO+08].
disciplines [GAK92].
discourse [AT15].
discouragement [SM17b].
Discovering [CD05, KVT+17, MV09, Oja16b, KV05, SJ13].
Discovery [SMR09, CHL11, DMQ07, GLJ13, HWHM02, HHK13, KK11, KKR16, LK09, LGH+17, LIWL14, MPST06, SdSLS+19, SSM+09, VPL+10, WAWO12, ZWM+18, ZSO5a, ZMN05, dBvV08, MPG+08].
Discrete [Cl86, GAWW07, MS97, AMAY19, HRN+01, KDEK04, Lin12b, WS13].
Discrete-time [GAWW07].
discriminative [YFZ+16].
discussion [SW88].
Disjoint [CLC03].
Disk [Ha91, TC93, CB89a, CCSC01, CCSC07, KEK04, LK05, RFM10, SRT+12, TSSd09, VM00].
disk-based [KEK04].
Disk-Buffer-Cache [Ha91].
disk-scheduling [CCSC07, RFM10].
disks [CLLC96].
disparities [WL16].
dispatching [OB13].
displacement [WJ99].
Displaying [MS97].
dissemination [ACSC16, HSS10, LK06b, LKK14, PSH06].
Distance [Bbo89, AM04, LK04, WG05].
distances [CCW02b, CH07b].
distinguisher [AMS+10].
Distinguishing [LUS+00].
distortion [LBC10].
distortions [MBF12].
Distributed [Ara95, BFR96, Bar86, BW96, BW83, Bha84, BP91, BND14, BW95, BM83, Car96, CSS10, DS94, FG93, Gas96, Gom89, Haç86a, Haç86b, Haç89a, Haç89b, HJ90a, HJS91, Haç93, HL94a, Haç94, HW94, HCS04, HMG96, Hsi91a, HFK92, IMM95, KK17a, KN97, LM94, LK93, Loo05, MLLK11, MKM+06, Mor86, NG91, Nit96, PNJGF12, PM90a, PGPC17, PD98, Pow86, Rah92, RW97, RT93, SAAAS94, Sch97, Sho91, SF92, TW95, TDK+07, Tsu85, Ulu95, Ulu97, Ura90, WTS95, WM96, WXZC14, YP94, ZENA93, Zho93, Zho94, ZR94, AR12, AZW07, ACRD19, AD14, AAC02, ABL15, AM10b, Ati00, AMNT08, ACW10, BKZ+06, BsdAH94, BLL02, BS96, CN04, CZdV98, CDS99, CLX+04, Car94, CDOP15, CJZ04, CET+08, CL99, DLB+18, DK15a, DK15b, DLT99, DGL+08, DFCR96, ESW06, EH19, FVHF+15, FL09, GBL08].
distributed [GTA09, GSM15, GLJ00, Gho01, GD04, HSM+07, HZG+12, HN17, HMC98, HC01b, ISS98, JE02b, JM96, JLYK09, Jia99, JRO12, KMSMD08, KHD10, Kar01, KUK07, KHL+99, KKH+16, KSEN97, KA14, KW00, KM14, KPG+07, KB16, KMS09, LLL00, LNC01, LPJP09, LPP+10, LSE12, LR04, LUS+00, LC11, LPAG+06, LHO1b, LZR16, MEH05, MQG+17, MC98, MHW01, MARD16, NNV17, NPC12, NBR+14, PM99, PK10a, PDL+16, QL03, RC89, Rav03, Rot89, SM09, SPK99, SO03, SM00, SC02, SC07, SMU98, SSP+15, SBB98, SOC+03, SK04, SB19, SK10, TW98, TM98, TR18, TAB+16, THWC10, TLK16b,
TMD07, USLC01, Uha98, WT01, WBW+06, WCLK07, WFWL09, WKH09, WM99, YY04, YCWW15, YCLC17, YYWW07, YZL+14, ZK13, ZLC+14, ZZ88, ZLZ+96, ZS01, PD12.

Distribution [BGTC18, CKL08, WZJ01].

Distribution [BB81, Dye93, HBG+14, SL80, CBZ00, CKL09, CLG08, HBG+13, HSPD14, RSB+16, WWS15, WHHT08, YS04, ZK04b].

Distribution-Based [Dye93].

Distributive [Ver89].

disturbing [Gla94h].

dithered [UUN13].

diverged [MT13].

diverse [SNDD19].

diversity [BFLP09, CKMT10, Rom99, SSMvD16, YS02].

divided [MSAH16, WC99].

division [MSAH16, WC99].

DiVM [RSCB18].

DL [HRL09].

DL-based [HRL09].

DMMX [CSaLG02].

DNA [WGZ+12].

Do [Ano87f, FN85, Hen88, M¨ul07, OBS+18, OT92, BLLGSMB11, CPRT16, FF89, GLag93h, GLag98h, HA10, Kru08, LS98, PCV+08, PVSG06, SNJ+07, YHMS16, CPT05].

Document [SMSH18].

Document [BCD92, CDS07, LL08, AF16, CDS07, CK02b, DII+17, KY09, LL09, WHG01, ZSM04, ZL06].

document-driven [AF16].

Documentation [Emd91, SG91, Sch81, Ber03, CSKB+89, GLag93a, HZ15, HS03, JAvaV09, MTA+16, VAA+15, YLA+17, ZGYS+15, vHAI12, vHAT13].

Documenting [BAEH96, JBA08, AAA11].

documents [BHL00, CH07a, CH11, HR10, LASE00, PWLH06, TH02].

DoD [Rav81, SG91, Wal91].


Does [GZX+19, VC97, vHAT13, SMSH18].

doing [GLag88c, GLag98d].

DOM [KY09].

Domain [GLag92f, Jar93, KO95, Lam97, PC10, Pas96, Pou95, Sat00, TM97, dOZR+04, ACG+15, AMCC14, ARS17, Ano92g, AMK12, BML+13, BRC09, BGH03, BKB+07, CL06b, Del08, EMBS17, EZRK16, FBB09, FH10, FCL+00, FLA+01, Fra04, GJ13, GW95, HGB13, IZ18, JOZ03, JF99, Jen99, KG09, KKP06, KPS08, KMK16, LXC11, LLL+17b, MLL+17b, MPTT14, PWW10, SKL10, ST13, SL03, SHS16, Spi01, SP14, yWpWyYpN13, YWWS10, ZGH+07, KV12, RASL12, VPdP13].

Domain-Dependent [KO95].

Domain-Independent [KO95].

Domain-oriented [dOZR+04].

domain-polymorph [FBM09].

Domain-Specific [Lam97, KPS08, AMK12, BML13, BKB+07, CL06b, Del08, EMBS17, EZRK16, FBB09, FH10, FCL+00, FLA+01, Fra04, GJ13, GW95, HGB13, IZ18, JOZ03, JF99, Jen99, KG09, KKP06, KPS08, KMK16, LXC11, LLL+17b, MLL+17b, MPTT14, PWW10, SKL10, ST13, SL03, SHS16, Spi01, SP14, yWpWyYpN13, YWWS10, ZGH+07, KV12, RASL12, VPdP13].

Domains [GV92, JHYK10, MO84, NES+14, PAB+17].

dominance [CV95, MC01].

domino [LLLZ06a, LLLZ06b, DB95].

Done [GLag91h].

doS-resistant [HCC10b].

Dot [Sha01].

Dot-com [Sha01].

dot-blank [SL03].

dot-com [Sha01].

dots [CL17a].

double [NTRN11, BV15, KBRV17, KBRV18, TY18].

double-layered [NTRN11].

doubly [AC16].

doubtful [Gla96g].

Down [MM81, HWML04, WCLL09].

dowlink [WC11].

Downloadable [HCKY08].

dpdp [ZENA93].

dpe [CHL05].

dpe/pac [CHL05].

DR [HCKY08].

DR-TCP [HCKY08].

drag [SBD16].

drag-and-drop [SBD16].

drama [KPS08].

dramatic [GLag96d].

drank [SLW17].

Drat [LDN87].

DRDB [SBB98].

DRE [LBS+07, SDG+07, TDW+14].

drift [GEPB17, YF15].

Driven [Har81, Jar93, PMR16, Por93, YY93, AdB13, Aki18, AF16, AC16, ABCT06, BKR09, BCF18, Boz00, BKRW19, FGB+19, CCHW09, CWK+13, CPYZ14, CCC06, CHCO11, CV16b, DI05, DY99, ELHC13, FD´AM12, FAI13, GMPN16, GKS18, GWd08, GMS07, DFD+13, GEM15, HP16, HKV11, HK13, HRN+01, JR09, JPD17, KKL09, KMB18, LWZ+16, MEB+10, MGB16, MAG12, MB19, MCS+12, MGR+13, MD16, Mus03, NK15, NJ17, ¨Ozm09, PLCC09, PDK+16, PG15, Phi98, Phi05, Phi06, PBD+12, PGRQV12, RASL12, VPdP13].
Editors
[BDM+93, BDV17, CS88, Ano94f, Ano95b, BS96, CU98, HY94, MS79a, MS79b, MW08, OP81, OP92, SM80, SM81a, SM81b, SM81c, SM81d, SW95a, ZS95, ZWM96].

EDS [Won93]. EDT [Lai97a]. Educate [Gla91e]. educating [SJ05]. Education [BLPB92, CFSS98, Mat86, Rus90, Sai09, AM18, AdB17, Bra89, BT05, CC11, CHZY03, CP88, CR89, FHL+18, Fai07, FCL+00, GSB+07, Haz92, HBB+99, Let00, Mea09, MSSMDC12, PKR01, RZL+18, Sai99, SW05, SW19, WR99].

Educational [KCK+98, JS90, vWSB13]. Educator [Joy94]. Educators [Gla91e].

Effect [ÇB16, FAI94, GR97, Loh84, AL10, BDPRC18, CPYZ14, ETM10, HJN11, HCNO00, HNK15, JSL16, SRJL+18, SW88, WW00, XNP07, YAY13]. Effective [AKB11, CKCK15, Fen93, HK13, JJC+14, LCC10, LLL06, ROFGRM13, Sh99, Tre81, WQ06, CX10, GPL+15, IW07, KHS11, KPS+04, KLB15, LC05, LC07, LW+11, MQG+17, NWZ05a, PC02, PC03, PCCK18, PACH15, RB16, SD16b, SZ98, WZ09, WAG15, Wey99, WDC10, ZG07, ZK09, LXC13]. effectively [KTF+16, ZX+17].

Effectiveness [ARAS94, CCL01, Emd91, FZ93, GC94, SYB97, CCM06, CW89, ELH00, FF96, FWH97, HS99, JK00, JST10, NR04, RZL+18, SL08, WHMP99, vdRBSvV10].
**Effects** [DG80, HCWN05, Kri06, OCCN89, Sch97, AW07, CGW08, FCSM09, Gla92c, HMC01, Hus01, JH10, Jor16, Kan15, KCV11, LJ16, MF10, SSvD16, SHBC19, SAN+17, Xia13]. **efficacy** [HBJ+99, MMTL06]. **Efficiency** [SKKL07, vS83, CW12, DMSG11, FMP09, GKS18, Hua05a, KCT12, LSNL+19, MK06, PAR14, SB12, TDW+14, WH15, WOC15, YTH04, YM13, ZS05a]. **Efficient** [AMP12, ASC16, BKE18, BM18, Be193, BDM+93, CCG+18, Fra86, GLWY10, GGG19, GH04, HPT07, Har81, HL11, HL06b, JLY14, KH97, Kim17, KKR16, LRO19, LHJ10, LLK04, Lee07, LZZ+15, LWZ+16, LHYZ12, MPP06, MCKA18, NES+14, NZM10, OFP07, Owo96, PWNH06, Ram90, RO13b, RVC17, SAASA94, SD94, SM00, SG013, TW05, TH05, ULN06, WVT+14, Wu+17, WLO9, YCLY13, YXP+18, YZL+14, ZGZ+13, ZHY12, An06, AVHJ18, ASV+16, AM04, BCA+19, BHAM09, Bar15, CDA11, CCK15, CD00, CLH07, CH11, CLI17, CLC08b, CHL11, CZZ+15, CLG08, CTL08, CBK02, DA07, EMB017, EZ0K14, FS06, FNLW18, GQ12, GCSDP+18, HL09, HWL13a, HC04b, HSS10, HS15, IB11, JW06, JC02, JLYK09, JLXLC15, KKH+16, KAG96, KKH111, KPSK09, KMO09, KKL11, LMS11, LWHS05, LC07, LH11a, LKL+11, LHZ12, LZZ13, LZG15, MPN+17, MC04, MLC09, MSAH16]. **efficient** [MT10, MM06, NNV17, OT17, PHN08, PJ09, Pen11, PPM17, PFL16, SM17a, SC08, Shi17, SOC+03, TLL12, Tse07, TL07, TL96b, USL01, ÚDUG04, VT14, WMWZ12, WKS8, WC11, YWL02, YC09, YC08a, YSK06, YH10, YC08b, ZM12, ZGS13, fLSN18, MC10, MPG+08]. **Efficiently** [YZY+18, IJC03, LBCL10, LGZ+18]. **Effort** [Dol97, DG80, Eva95, FWD97, JB91, Lee93, NQ98, SB93, SB95, WSD81, ASM15, ABL16, ANC11, ANM15, CM15, CH07b, DCT17, dGFDL16, GJ07, HBVG08, Hua05b, IAA16, IHA16, JIS03, JTM04, Jor04, JH10, Jor10, Jor16, KM13, LH08, L1J16, LMYG018, MS03, MDFG08, MT98, MdFD+15, NB19, PCCK18, RSS00, SPT18]. **Efforts** [HH97]. **Eiffel** [Mey88b]. **eight** [GTF17, VCDA+16]. **EIS** [SaI02]. **either** [Gla95g]. **elastic** [HWR17, TSCB19, ZGSH13, dACM17]. **elasticity** [DM17a]. **elasticizing** [GE15a]. **ElasticSFC** [TSCB19]. **elderly** [HWDS+15, TCCH12]. **eLearning** [JRO12]. **election** [LMS11]. **electricity** [LZL+15]. **electrocardiogram** [SLW+15]. **Electronic** [JT97, Ber03, CW09, FHH09, PT00, SL02, WK11]. **electronics** [HTB12]. **element** [NG08]. **element-based** [NG08]. **elements** [AML17, FSGY17, HLWC04, SFM99, TKZ17]. **ElGamal** [CWH00]. **ElGamal-like** [CWH00]. **Elicitation** [Lan98a, LZZ17, GSS15, PG12]. **Eliciting** [ASS07, CP07, DB06]. **eligibility** [DMSG11]. **elimination** [CCH09, LZZ12, Özm09, WAWO12]. **elitism** [PS13]. **elliptic** [BAAS13, EHH04, IB11, JW06, NZM10, PSB11, YC09]. **Elliptical** [MPS86]. **Else** [Lak93]. **elusive** [SKZ+04]. **email** [CP09]. **embed** [KPS10]. **Embedded** [ABCH13, LPP10, War89, Whe81, WCTK12, ÄRMC16, BRMA+09, CWK+11, CC03, hChSyC110, CS04, CG05, De 98, Del08, EB14b, DDF+13, HZG+12, HNS12, HLC+09, JHS09, KCS01, KSM+16, KSH+12, KP07, KLGH07, LNY06, LC11, LLS11, MYZC06, Mar81, MFMCY12, MBAG11, NEM17, PB04, RAK15, SO03, SCw15, SP08, SJ+10, TC12, WCLK07, WWL+10, WWSS13, WDN05, XY07, YSSR14, dRSB13, fLSN18]. **Embedding** [Cho04a, LCT10, PdC94, SÅM17, AO16, EA11, HCL12, KC09, MKH+12, PWLL13, WLC08, YWW010]. **EMBOT** [ZEY04]. **emergence** [LN13]. **emergency** [HWDS+15, MPL+15]. **emergency-care**
emerging [BCG+13, Han12, VA17, CA14]. Emotion [MPLL+15]. Emotion-led [MPLL+15]. emotions [CFA+19]. Emphasis [Lit90]. Emphasizing [CH94]. Empirical [AW07, AS96, BGB90, BBP96, DDM14, Em091, FAI13, FP19, Har00, MBB01, MPLL18, Pas96, Por93, PFL16, RK00, RPT19, RSGH12, SKW06, Sta93b, Sub93, SB95, SYB07, SAN+17, UN09, Wie14, WSJ14, ACS07, ACG+15, AL05, AKKS11, ARH+17, AB10, AS00, ANM15, BKZ+06, BvN07, BB89, BBS00, BCD+18, BGH+08, BHVR18, BvD06, BT03, CFL+18, CH09, CH10c, CO12, CN00, CGSGR06, CGMPAP08, DvdVA+13, DSRS03, DOL+16, EA14, EJ01, EED16, EBC10, FB18, FLRT19, Gla00e, SP14, ZK85, AKL14, CFL+18, CTHW12, GFCB10, Gla99d, GCSSDP+18, HBG+13, HBG+14, KY10, KD05, LKP13, LS05a, LASL14, LSLG17, MNO18, SK10, WCLK07]. end-of-century [Gla99d]. end-to-end [CTHW12, GFCB10, GCSSDP+18, HBG+13, HBG+14, KY10, KD05, SK10, WCLK07]. End-user [BCFP19, SP14, AKL14, LASL14, LSLG17, MNO18]. Endpoint [AT18]. ends [LKJR10a, LKJR10b, PSS11]. endurance [nWsCqW12]. enemies [WLL17]. Energy [BCA+19, CLY17, FHY17, LZA+15, TL07, TL09b, WH15, Wen16, ZWC+19, ASV+16, ARMC16, Bar15, CDA11, CZG+15, DM17a, GQ12, HZG+12, LX15, JXLC15, KCT12, KA18, LWL+13, ZHC+19, ZLY+12, ZGSH13]. Energy-aware [Wen16, ZWC+19, QG12, LWL+13, MDO+10, TdCAF16]. Energy-Efficient [LZA+15, BCA+19, CLY17, TL09b, Bar15, CDA11, CZG+15, JXLC15, MDO+10, MT10, NNV17, PJS09, PPM12, PFL16, SPC16, SMSH18, Ssk04, TdCAF16, TC12, VRT14, WMW12, WC11, XJZ+15, ZGSH13]. Enforcing [Amp98, SSR18, GLZ15, HBM19, ZTZ+11]. Enforcers [AN07]. Enacting [CA07]. Enactment [AAAC07]. Encapsulation [Joy87]. encoding [CNL13, CSW13, HL09, HCL12, MLC09, MIUM12, WCL10]. ENCOMPASS [GC89a]. encompassing [LD00]. encountered [GScd15]. encrypted [BTPLST15, BL11, CH11, GZS+18]. encryption [BAAS13, CHC01, FSGW11, GMR08, HY95, BLLZ06a, DLLZ06b, LLLC08, LWC13, LW13a, LW13c, NES+14, RG10, RPSL10, SNM14, SLZ12, SWH+09, jT12, WWYZ11, WH+12, WZG+12, WH02, YLZ+16, ZLW+12, ZT14, ZML17, ZZ12, ZL12b]. End [BCFP19, Gla00e, SP14, ZK85, AKL14, CFL+18, CTHW12, GFCB10, Gla99d, GCSSDP+18, HBG+13, HBG+14, KY10, KD05, LKP13, LS05a, LASL14, LSLG17, MNO18, SK10, WCLK07]. end-of-century [Gla99d]. end-to-end [CTHW12, GFCB10, GCSSDP+18, HBG+13, HBG+14, KY10, KD05, SK10, WCLK07]. End-user [BCFP19, SP14, AKL14, LASL14, LSLG17, MNO18]. Endpoint [AT18]. ends [LKJR10a, LKJR10b, PSS11]. endurance [nWsCqW12]. enemies [WLL17]. Energy [BCA+19, CLY17, FHY17, LZA+15, TL07, TL09b, WH15, Wen16, ZWC+19, ASV+16, ARMC16, Bar15, CDA11, CZG+15, DM17a, GQ12, HZG+12, LX15, JXLC15, KCT12, KA18, LWL+13, ZHC+19, ZLY+12, ZGSH13]. Energy-aware [Wen16, ZWC+19, QG12, LWL+13, MDO+10, TdCAF16]. Energy-Efficient [LZA+15, BCA+19, CLY17, TL09b, Bar15, CDA11, CZG+15, JXLC15, MDO+10, MT10, NNV17, PJS09, PPM12, PFL16, SPC16, SMSH18, Ssk04, TdCAF16, TC12, VRT14, WMW12, WC11, XJZ+15, ZGSH13]. Enforcing [Amp98, SSR18, GLZ15, HBM19, ZTZ+11]. Enforcers [AN07]. Enacting [CA07]. Enactment [AAAC07]. Encapsulation [Joy87]. encoding [CNL13, CSW13, HL09, HCL12, MLC09, MIUM12, WCL10]. ENCOMPASS [GC89a]. encompassing [LD00]. encountered [GScd15]. encrypted [BTPLST15, BL11, CH11, GZS+18]. encryption [BAAS13, CHC01, FSGW11, GMR08, HY95, BLLZ06a, DLLZ06b, LLLC08, LWC13, LW13a, LW13c, NES+14, RG10, RPSL10, SNM14, SLZ12, SWH+09, jT12, WWYZ11, WH+12, WZG+12, WH02, YLZ+16, ZLW+12, ZT14, ZML17, ZZ12, ZL12b]. End [BCFP19, Gla00e, SP14, ZK85, AKL14, CFL+18, CTHW12, GFCB10, Gla99d, GCSSDP+18, HBG+13, HBG+14, KY10, KD05, LKP13, LS05a, LASL14, LSLG17, MNO18, SK10, WCLK07]. end-of-century [Gla99d]. end-to-end [CTHW12, GFCB10, GCSSDP+18, HBG+13, HBG+14, KY10, KD05, SK10, WCLK07]. End-user [BCFP19, SP14, AKL14, LASL14, LSLG17, MNO18]. Endpoint [AT18]. ends [LKJR10a, LKJR10b, PSS11]. endurance [nWsCqW12]. enemies [WLL17]. Energy [BCA+19, CLY17, FHY17, LZA+15, TL07, TL09b, WH15, Wen16, ZWC+19, ASV+16, ARMC16, Bar15, CDA11, CZG+15, DM17a, GQ12, HZG+12, LX15, JXLC15, KCT12, KA18, LWL+13, ZHC+19, ZLY+12, ZGSH13]. Energy-aware [Wen16, ZWC+19, QG12, LWL+13, MDO+10, TdCAF16]. energy-efficiency [KCT12]. Energy-Efficient [LZA+15, BCA+19, CLY17, TL09b, Bar15, CDA11, CZG+15, JXLC15, MTO10, PJS09, PFL16, VRT14, WMW12, WC11, XJZ+15, ZGSH13]. energy-saving [LZC+14, YZG+13]. enforce [AAC07]. Enforcement [HH83, SSR18, GLZ15, HBM19, ZTZ+11]. enforcers [AN07]. Engaging [JL09]. engine [CH05, HK00, LS92, MSGM17,
SVMAM04]. Engineer [Bab91, Pla92].

**Engineering**

[AAC16, AJMP96, ACCD91, BF81, BCD92, Boe83, BL03, BW93, BHR89, BB08, Bux90, CG15, CB99b, CCCY17, Chr91, CVGP13, CL95, CBVD07, CDJ+14, DR92, EHS03, Fen93, FG94, Gar13, GHC91, GR05, Gl92a, Gl99a, Gl99b, Got90, Han81, HC15, HD84, Jac98, JWF17, Je91, Je96, KSSS4, KL96, KB07, KL91, Lan90, LL85, LN13, Mai96, MA89, MR80, Mey88b, Mii90, NFSM11, O’N93, PMPR16, PSS11, Rey80, Sag95, Sai09, Sed93, Snek3, Sta93a, TGBF17, TR89, VML90, VE03, Woh16, Ze96, ZC97, AAAC07, AC19, ADZ+09, ADCO18, AA07, AS10, Ale05, AM18, Ano96m, BM05, BMA+13, BNvH05, BCFP19, BCR+19, BM96, BBND+18, Ber95, Ber02, BCL+18, BS96, BDBLP15, BR5+18, BDA+02, BDM+19, Brah89, BCG+13, BKB+07, Bu00, BT05, BM00b, CC08a].

**engineering**

[CdS18, CSN05, CLR18, CC11, CR89, CRESF+13, CU98, CD07, Cov05, CNMR18, DGRN10, DA07, DJW08, DS98, DD01, ETM10, EC04, Er92, FDAM12, Fai07, FVH+15, FOR19, FKWV19, FP19, FCSM09, FS17, FCC+10, Fug99, GPP+17, GCBCD15, GCY16, GJ16, Gl98c, Gl94a, Gl95c, Gl99b, Gl99a, Gl99b, Gl99c, Gl99d, GC02, GC03, GC05, GPM08, GS+07, HBP+17, HP16, HF08, HLS+13, Har88a, Haz02, HAHH06, HS11a, HHH+99, HJP15, HFRHS09, IZ18, JED18, JR09, JPDG17, JTJW98, JDS16, KPTV09, KLA+19, KSIZ19, Kud07a, Kud07b, KBW05, LLM+17, LCM+13, LFW15, LHC+18, LSLG17, LHLG+15, MCHJ17, Mea09, MACB19, MAGC+17, Mer13, Mil00a, MPLL+15, ML08, MR00b, MSSMDC12, NBM19, OK18, PILO06, Pfl99, Ph106, PH07, PC98b, PKB09, Qi94, Rad84, RF18, RR19].

**engineer**

[RAK15, RR00, RHM+18, Sai99, Sai02, SW05, SW19, SGP12, SNL16, San16, SCds+06, STA19, SSSA17, dMSSS+13, SBDB19, S013, SG01, TKM03, T0m89, TTL+13, TKP+18, TL09a, TCG06, TFLW99, UGFK15, UIK17, VCa+05, VML07, VLL18, VB99, VHF02, VEM+01, VBC+14, VCMG17, WMAS12, WCV+98, W099, WRdMSN+13, WSM15, WBBK18, WTG+08, WTG+09, WTG+11, WLD16, ZTC16, dSDSNO+14, vDB05, Bor12, CSSW05, DDMP14, GC01, HLS+13, LAHS97, VPMV+13].

**Engineering-based** [GR05]. **Engineers** [MP89, TB95, HG18, JFG07, Let00, dSF12].

**engines** [APT+12, CCF+04]. **England** [LZ07].

**English** [CW97, CHL+08, GI95, Gl93a, Kan15].

**enhance** [FLA+01, OCC12, SC19].

**Enhanced** [CL97, FHL+15, PP+15, YCC16, CDR+14, LWC13, M01, PK02c, TKH+11, WSM+95, ZEU04, ZSM05].

**Enhancements** [LYLC16, OS90].

**Enhancing** [CPD+18, FVHF+15, LTHR97, LH08, MKS10, PTK00, SYXL17, Z05a, ZCZZ11, HY95, LHC95, ZSP01].

**Enough** [Gla97f].

**enrich** [TCH12].

**Enriching** [JAvdV09].

** Ensemble** [LLC17, ANM15, IHA16].

**ensembles** [SH17].

**ensure** [CH10b].

**Ensuring** [ABW07, HHSR94, ATHM17].

**Enterprise** [SK11, BK17, CCG01, CG03, Ch07, JBSL12, LHIH10, LBS+07, LK02, LLX+11, NHH+12, NKTJ09, NB13, RNR17, SL02, SS14a, SCC16, TSP06, WAWO12, dSDSNO+14, vdBSvS+19, FCMM12, PNL07].

**enterprises** [VA17].

**Entity** [BTT84, CH94, DK15a, JN84, MR84, Sak84, San95, CTKT13, CPW89, JNY84, Kuo94, LWXZ10, MPN+17, SZ06, WVLG13, YLC08, ZLZ11].

**Entity-Life** [San95, SZ06].

**Entity-Relationship** [JN84, MR84, Sak84, JNY84, Kuo94, YLC08].

**Entity/Class** [CH94].

**Entropy** [Moh81, WFY+19, LZF+06, Ozm09, SS04].

**entropy-based** [Ozm09].

**Enumeration** [Nif97].

**Environment** [Ni97].
Environmental [ZP17, HCWN05, ZSP01, ZLCY06, ZZP15, DFCPSF15].

Environments [ACCD91, BL95, FG94, GHC91, Jef87, KSS84, KW91, MMSH92, PT91, Sch97, ZC97, AR12, ADZ09, AHH10, AD14, AdAD17, AM10b, BSG12, CNM18, CELS07, CL04a, CLL10, DI05, DSSL09, DY03, DTV09, DPMD07, FPW96, GGK19, HMOK18, HGP+12, HL06b, HCC05, JS16, KSN17, KSENMI7, KGT02, KK17b, LCL04, LSZ+07, LLY08, LVMPMCS13, MC04, MG07, MPG+08, NK14, Nig7, NKJ09, PJ09, PLGT10, PM10, RT07, SCDO02, SC08, SLW+15, Tan04, WDC12, XYZ+19, YCO9, ZMN05, NFSM11].

Epidemic [MK08].

EPR [UUN11].

Equate [Zei88].

Equation [SM08].

Equations [Rod86, EMBS17].

Equipment [AAMS16].

Equivalences [AAMS14].

[CHN19, DFP+18].

Er-Data [Mar84].

Ergodic [FN86].

Erlang [CF13, Lai97b].

Erosion [dSB12, vGB02].

ERP [CWJK13, Ifi11, MRM16, NGC02, PD16, RK+13, SL10, WSJ08, WOH08].

ERP-client [NGC02].

Erratum [AAH12b, KPME05, LKJR10a, LLLZ06a, WLL19a, Woh16].

Error [BDM+93, Dye87, Gla93i, Goe80, JM90, MM93c, OW84, Se93, TC06, BMS11, CXO+15, KBM18, LP00, LS07, LQLC16, LWBH16, MT07, MSGGL12, MA10, OBS+18, SL08, TVK95, TBD+08, Wei79, WAWO12].

Error-correcting [BMS11].

Error-prone [SL08].

Errors [DG92, HP92, TDB97, BG06, CSS+13, FCMJ12, Gla89g, HCS09, JSHW14, LCLF13, Lut96, OCCC89, SW88, WES02, ZW15].

Escape [Gla95a].

ESPRET [TAS+18].

ESPRIT [WBR90].

Essential [Jef96, KBK06].

Establishing [ANB93, BVN07].

Establishment [XSS06].

Estelle [HHL+97, HL08, JI97, Lai97b, Lai97a, LL99].

Estelle-based [HHL+97].

Estimate [LP95, ELH00, Gj07, HFE10, Jor16, J16, M0HB08].

Estimating [Cai98, EG00, HH97, LLYC14, Oszk97, SeMC02, TTC18, CB16, KLB15, LP00, LMG10, MH12, MM01b, WL15a].

Estimation [ AH90, BB81, BF81, BHL00, Cav84, F88, FWD97, Gla93e, JB91, KT85, MT98, MTON94, SB93, vSS83, ATVH18, ABG02, ACGS+08, ANC11, ANM15, BiF03, CM15, Ch07b, CGSGRO6, DW11, DCT17, dGFDL16, HTO97, HL08, IAA16, IHA16, JJS03, Jor04, JH10, Jor10, Jor16, KPM02, KPM05, KRG+07, KRC08, LXG09, MFB12, MCC05, MA10, MHS09, MHC13, NQ98, NBH19, PEO11, PD16, PCK18, PD12, RK+13, SSCM+04, SA06, SH07, TAS+18, THP+06, THGL07, OOD09].

Estimations [MPAA15, TR00].

Estimator [SD16a].

Estimators [HP90, TR00].

ETCS [ZH05].

Ethical [Car99, Kal92, McF92, Spa92].

Ethics [BLPB92, CM92, CM92, Go92a, Got92b, LIC92, Lue92, SM92b, WkOS17, Go90].

ETOOD [TA02].

European [AM94].

Evolving [YWWS10].

Evaluate [ARAS94, BP86, AP09, ABJ10, BM00b, CXO+15, HLLS13, MNSA15, MNSA16, SSF15, 40CS13].

Evaluating [BGH03, BS09, Bf03, CCG+07, CBAV16, CW89, CDBOT07, CPDM16,
CFM +16, FF96, LV97, Li11, MM92, MG81, OGK13, Pan81, PS90, SDSLS +19, Wei79, dOSdAdSG17, ABG02, Bat08, FSGL12, HCC08, KV05, LZO +13, LCLL08, MMM00, RZL +18, SM07, YR09, SMSH18, YLCZ12.

**Evaluation**
[AAH10, Bha84, Bol97b, Bud00, CFK91, CG94, CZ91, CR85, DV94, Esk89, FLN91, Ha¸c89a, HO97, Ham81, HLAB99, Het95, HJ00, Hsi91a, IYKO95, LCM13, Loh84, MPS86, Moh81, Pow86, Rey80, RV93, SYB95, Ulha97, WNSC96, WH97, Wey99, AZGvG09, ADMO10, AKAA18, AK16, AAM12, ANM15, BKK7, BHM12, BMOK09, BM11, BMO00, BNW +08, BM07, BAM17, BGG10, BG +06, BT17, BK17, BS15, BT03, CTZ22, CdCA018, CJ05, CMK +11, CRC19, CREH +18, CSKB11, CS21, CSKB19, CFA19, DZW09, EB14a, EA14, EJ01, EK13, FH10, Fug03, FL09, GLWY10, GLDB16, GLJ00, GPML06, HTO97, HRD10, HUS95, HLV04, JS11, KJB97, KGG18, Kor99b, KKiMT96, LH04, LPS02, LZG07, Lop03, LY18, LLGZ13, MK17, MK06, MACB19, MGAN18, MM00a, MD89, MSWH18, Nae01, NS00].

evaluation [OS09, OD10, ONR02, OMT09, PK10a, PWLH06, PCHW12, PZB10, PCFP19, PRTR04, PB00, PG04, PKK98, PFL16, QH08, RLY +13, Rrd81, RM19, RGH17, SM06a, SA11, SXYW14, SS04, SSSL08, SK02, SM16, TB13, TK00, TK +07, TMD07, TPDK12, TMB02, VK08, Wau19, WHB01, WR10, WMD +10, WSJ14, YWLG02, ZK13, ZJC +10, ZH05, Ano84c, Goo84, KB07].

Evaluations [YLC18, KOS15, SUS040].
evaluative [SC99].
even [HG18, JL97].
evenly [CKL08].
event [Chr86, LV89, Sch91, BRB14, BG98, CM12, DDU06, FS19, FGD +17, HSPD14, HRN +01, KMB05, KK17a, KDEK04, LGH +17, LP05, LGL08, PC09, PG15, Phi98, SFSE05, TKJ16, WLL15].
event-based [DDU06, HSPD14, KMB05].
event-driven [PLCC09, PG15, Phi98, TKJ16].
event-extraction [BRB14].
event-triggered [SFSE05]. EventHealer [TKJ16].
even [BDK08].

Everything [SST16].
evidence-based [JR09].

Evolution [KD91, DM17b, KFN19, KM89, TLA18].
evolvable [BCL12].
evolvable [GL14].

Evolving [Bas97, Lea95, PMR16, PG05, WGS +14, HKW16, HGBS18, Har99, LWB +13, PTBP08, RF14, URG10]. eVoting [Pen11].

Exact [KIN17, LHSK06].

Example [Sub93, LVS18, MR00a, PHR10, RNR17, Sta14].

Exception [DGCA17, FMSG08, GLA90c, IF11].

Example [PU84a, She94, GLA94b, HB89, KLRW01, LK09, PU84b, Van07].

Example-Directed [PU84a, PU84b].

Examples [ELi92, HS03].

Exception [CCHW09, ECS15, FSBR06, FRR09, GRRX01, JCY04, KFLS18, SCL13, SHBA +16, ZM18].

evolution-related
Exceptional [TB95]. exceptions [CF12, HdM17, OBS+18]. Exchange [Tre81, CLC08b, Gla95g, RHRC13, RHRC15, WZM12a, WZM12b, YC09, YC12, YM13, ZSM04, ZG10]. exchanges [JS16].

Exclusion [DHP86, MS90, TW95, WTS95, JM96, KTK01]. Exclusions [DS94].

Executable [GMM90, JM90, Kun95, MGJT87, TKU93, BLC+18, HS03, ICSK14, KTT+17, KH14, SM00, TCC09b]. executables [CPiLH09]. execute [CLW05, SHS+07].

Execution [AM85, BLL+18, CZH+08, Dii91, JO83, KMWL12, LK93, Rec93, RXY+19, TT93, ÁRMC16, AAA11, CdAM+14, CBZ00, EED16, FDÁM12, GCS15, HCB+16, HSPD14, HS15, JJC+14, KCT12, LU06, LWL+13, NCK+15, PH13, PPG+10, SC19, SOC+03, SK18, TASS+18, WQ06].

Execution-based [Dii91]. executions [ASdMGM14].

Existence [MKRO14, Gla96h]. Existing [LTT92, His98, MAGC+17]. exogenous [BCB09]. Exoneration [GLOM19].

Exoneration-based [GLOM19]. expansion [AQK11, CL06a, JK13, LCT10, WLT+09, ZWM+18]. expect [DOL+16]. expected [GCC16]. Experience [Amb87, Arc81, Bhu86, Fra07, Joy94, Lai97a, LzL97, Sca99, TNA01, TL09a, ADZ+09, AL10, ACDG02, FGB+19, CMK+11, CCF+04, CP07, FM08, JS16, LG03, MdC02, OCCN99, OR00, SAH12, SJ17, WCC12, WK11, WB15, DB06, LNY06].

experienced [LS98, Moy00].

Experiences [HBCC94, Hay86, Is095, Lak03, LBvB02, MMSH92, Rei87, SN07, WRW93, BDG13, BT03, SSK08, TE99, TCCH12, VM89, VJB06, FH10, LNPAGD+06].

Experiment [BC91, MD81, BS09, CFRPC+18, DSA+04, MNSA15, PUPT03, RZL+18, SCMS15, SHW02, WFF18, HWLM11].

Experimental [AD07, CSKB+89, FLN91, HCN00, Kos15, KKiM1T96, Loh84, Mi96b, Moy96, NY84, TLP95, WNSC96, YS02, ZPEL01, BNvdH05, BDD+15, BDPRC18, CJHB08, CCGT06, FWH97, LASE00, LMIV15, LFCL12, LJ99, MLT+06, OK11, OFR+12, PG04, RSS00, SK02, Ze109].

Experimentally [NSM17].

Experimentation [Mac91, HJ00, YMM+17, YMM+19, FGMM17]. experimented [Vis99b].

Experiments [JG08, AP09, CGP+05, Fle95, JDLS16, KSFT89, M00a, Mil04, MNSA16, Mii05, SCK+18a, SKW06, Vis99a]. Expert [Co92, El92, Gla98g, Ker92, LO92, MMSH92, OT92, Pla92, Pop92, SSR18, SM92a, SYB97, Wie92, BHB+05, BDSS11, GJ07, Jor04, KJ99, MOHB08, THGL07].

tant [li11].

Expertise [NSM17].

Explain [Mar91, HJ00, YMM+17, YMM+19, FGMM17]. experimented [Vis99b].

Experiments [JG08, AP09, CGP+05, Fle95, JDLS16, KSFT89, Mil00a, Mil04, MNSA16, Mii05, SKK+18a, SKW06, Vis99a]. Expert [Co92, El92, Gla98g, Ker92, LO92, MMSH92, OT92, Pla92, Pop92, SSR18, SM92a, SYB97, Wie92, BHB+05, BDSS11, GJ07, Jor04, KJ99, MOHB08, THGL07].

tant [li11].

Expertise [NSM17].


Exploiting [BFPGAGS+08, CFN07, ECRVMS11, GE15b, ILZ14, IZ18, SHS+07, TLZ+16, TGE17, VT14, Vla98, FDÁM12, FH+15, HH00].

exploits [WLZ+17b]. Exploration [Dan96, GD04, JPD1L17, SFM99, TAV13, vHJPB+17].

explorative [KLT07].

Exploratory [ZSP01, AmIDLM17, BS12, CdSDSG+18, ECS15, GCDY16, GW10, J01, KNA11, MBF12, MAH18, MFM10, ONR02, PVSG05, PV06, RASL12, SS12, SN+07, TKZW17, Tan00, WKGW19, ZGH+07].

Exploring [BAM17, BGG10, BWDP00, DC09, HRN+01, KK12, MM19, OWB11, QGZ+15, SPC16, SG16, ZC18, JG14].

exponent [LCL15].

expansion [LC98].

exporting [TTL+13].

expressed [BGH+08].

Expressing [BNR09, Lak97, RB99].

Expressions [Bra96, BH83, Hee90, CK02, PC02, PWLH06].

expressive [MMP15].

Extendable [NC10].

Extended [Bra96, GMGtFR14, CSW10, CH10b, EFSJ1M17, LLK05, LMS12, MDFG08, OGRJ+18, LKJ10].

Extending
extensibility [KFS+02]. extensible [CLL05, CC03, KLMC06, LQLW12, Luk11, OAC11]. extension [CG03, KCS08, MLGA11, SdSLS+19].

Extensions [CH3, CSaLG02, GCAH18, JSBR09]. extracted [CCWT13, WPP+09].

Extracting [AK15, DCG16, SDB05, SHS16, YLC08, JLG17]. Extraction [AB90, DS04, AACT13, BRB14, BKS15, BKS13, BKM, CHN19, EKV05, EB14, LYL+18, NBA+17].

Extra [GJ13, HBM05, TW08a, SJ05]. Eye [KWS+17, LSZ+17, GW10].

F [GMGTdFR14, PW18, FLM+01]. Face [ZLnLN14]. Facets [KMG+19]. Facilitate [KK81, GSP15, LT09, WWL13]. Facilitating [KCS08, ZMN05, KCAS13, MDP+11, WSJ08]. Facilities [PK01b].

Fact [Gla95h, Ken84]. Fact-Based [Ken84]. Factor [CR90, MTO92, GCDY16, HMC01, MM01b, PUPT03, TN00]. Factors [DLT99, DG80, FW93, KMO91, KNA11, LL85, MP12, SYB97, VBC+14, ACS07, BP13, CPD+18, CH09, CC08c, DPL16, Gla00k, HFC+01, Jor14, Kel09, LR+19, MB07, MKK09, RH02, RH03, RS08, SNC13, WSJ08, WR10, Wu11, ZP00, ZSP01, ZZP15, ZP17, dSF12]. Fail [Par98, AS10, AAB19, BAAD17]. fail-safe [AAB19, BAAD17]. Failed [Ker92, Gla93f, TTC15, ZY+17].

Fault [FFS+13, Gla98g, Jor14, She94, SM92a, BHX05, CCCT06, CGW08, DMQ07, DW11, Gla96d, Gla98c, Hat99, JX07, Lin99, PD12, TSA08, WGW+09, ZP06, dl04].

Failures [ASSA96, AD14, CLY14, FN99, Lip79, WLL17]. Fair [FHH09, JL04, SA05, BV15, HH17, LLL06, ZSM04]. Fair-share [HH17]. fairness [TT10]. faking [Gla94g].

familiar [WLL17]. Families [Gon95, SD94, CGS19, CBAV16, CFAP17, DSB05, KTF+16].

Fan-Out [RT86]. Far [DDMP14, Mea09]. fastest [LHSK06]. FasTLInC [GM02].

Fault-Aware [BCS18]. Fault-Prone [MA17, XZL10]. Fault-Proneness [FP18, Gon08, MR00b]. Fault-Tolerance [Ban86, KP93, XZ94, GH02, Lea08].
Fault-Tolerant [BW95, CG94, DG92, MS90, Mor86, OK94, PdC94, Ram90, WTS95, WFZ96, CC01, LY09, YSDT11, ZG97, AT09, CJZ04, CT00, GPSS+13, HTK00, JM96, LKH09, Lin07, LLH+16, SMCL96, Tse07, WMWZ12, ZHGL11].

faultloads [CSM15]. Faults [CMP85, Eva95, VPM93, AZvG11, dSACdLF17, AMdLM17, DBO05, JLC04, MHLMG14, SRWE10, SPMG18, Sta03, TVK95, ZWF+18]. faulty [EMM01].

FBCM [KMKY07]. FC [WCLK07]. FC-ORB [WCLK07]. FDB [KNYS09].


Feature [BKS15, CMPM06, TKK+19, AGR19, BEGEP17, BAM17, BLUH15, CHN19, CFAP17, CV16b, ESW06, GMS19, GJ88, GJ13, GWW+11, KKL+11, KMG+19, LMN10, LXG09, LHLG+15, LM96, MRBN17, NCW+19, PXT+13, PBD+12, PHBJ16, SdSGdMSN+13, TDB+08, TFLW99, UIK17, WQJZ10, WDS09, WBS+10, WGS+14, WGW5, YJZ17, dL13]. feature-based [KKL+11, UIK17, WGW5].

feature-driven [CV16b]. Feature-oriented [TKK+19, LMN10]. features [AKL14, BZ10, BEK+19, CC09, CCWT13, CRESF+13, FMSG08, HHHW16, KAU16, LYL16, PHN08, RSO0, WBP+03, WGH00, ZLmLN14, ZA12, FdOdL04].

Federated [KAK+13, AO16]. federation [NB13]. FedEx [WC99]. Feedback [AHGS92, HSM+07, Po93, XLW18, CGHL07, Hat99, ILZ13, KMSMD08, KCB05, KY08, LIR99, LGH+17, LHCT19, NPC12, PCYZ12, RA16, YL09, ZJZ+17].

Feedback-based [XLW18, NPC12]. FeGC [KKB11]. fewer [Gla97e]. Field [CRSS14, Gla97m, nQYD11, CVGP13, Gla97g, HAHH06, KL11, SCwY12, SCL13, Vis99b, ZP06, CMK+11]. fields [dGFDL16].

Fifo [MR86]. Fifth [Ano84c, Goe84]. File [CM93, FC96, Hač86a, Hač86b, Hač89a, Hač89b, HJS91, HJ91, MIH92, ZK04b, CB89a, CCH14, CLG08, CT00, JLZ+19, KFS+02, KA14, LLLK12, LZCL19, Luk11, MCC02, MCC11, MK17, PNY14, SMU98, TXLC12, YCLC17]. File-Usage [CM93].

Files [HL94a, CLLC96, FSS+13, HH05, RBS19]. Filling [GMS07, SCGL+18, LWH05]. filter [AG15, CLL99, PCC02]. filter-based [AG15]. Filtered [WDS09]. filtering [CCdR+16, HCC05, KK17a, KY08, LL09, LLL14, ND18, PDBP16, ROFGFRM13, Shi12, XWZC14]. Final [Gla02]. Finally [Gla92b]. financial [Aml00, LHH05]. find [HG18]. Finder [AB90]. Finding [CH94, MS97, TS89, HFC+01, JSHW14, MSGM17, SHGT16]. findings [Gla98i, RSGH12, Sal02]. Fine [FAB+07, PPB19, ZML17, FSGW11].

Fine-grain [FAB+07]. Fine-grained [PPB19, ZML17]. fingerprints [DS04].

Finite [Har81, SP94, BKRW19, DCG16, EFSJM17, HM09, TS89]. finite-state [TS89]. FIPA [CMNA+09]. fire [BRG+12, WJT09]. firewall [PGRQV12]. Firm [CFMRL11]. Firms [RZ04]. First [RA96, vC80, CCDD00, Gla00g, Gla00i, LC00]. fission [HWR17]. fit [DS98, Gla96f, WSJ08]. Fitness [HBT16].

Fits [Gla92b]. fitting [WQJZ10]. Five [PT91, AS10, HKN+07, IBP03, UGPK15]. fix [BCD+18, HNH15]. fix-inducing [BCD+18]. Fixed [PNK96, CGHL07, FHL+15, Kim17, LHSH06, RXY+19, wZIG14b, DOCS13].

Flattening [WDS09]. Flavors [Gla93a], flexibility
[LCCJ10, LWZ12]. Flexible
[ES14, GBDCR12, KTF+16, LSH09, NG91, PW92, ZL04, Cho04b, DA07, GCSSD18, Har04, ILZ14, KBH07, KLP10, LMT16, VRG+16, ZL12b]. FlexiQ [ILZ14].

Flipping [CCGG14]. flocking [YSDT11].

FLOSS [BCB09]. Flow
[BCF18, FZ93, HUNT92, JO83, Las90, Liu93, MM93c, PBC93, TK91, WSN92, AAAC07, AM10a, ABFM12, Çam99, CCdR+16, CCW02b, Cho04b, Cho05, CC05, CC06, DC17, Fer00, FdSB06, FR09, HKY01, HC04a, Jen99, Kuo94, LL09, LVM07, LQI12, LZG07, SG16, SKK07, ULN06, ZG07, APS16, DS85].

FLOW-assisted [APS16]. Flowcharts [Scr99]. Fly
[DV94, Mil98]. Fly-by-Wire [DV94]. FM
[GSM19]. FM-CF [GSM19]. FMF [RH06].

FMS [DY99]. FNDS [HLHY05]. focus
[AHLH16, BPSK18]. focused [WSJ14]. Fog
[TMTB19, GGB19]. FogBus [TMTB19].
folder [LLH08]. folding [TCSC04]. Follow
[Sed93, SF15]. Follow-The-Sun [SF15].

Follow-up [Sed93]. foraging
[LL15, MPL11, MCS+12, VSDD12]. force
[ZK04a]. forecasting
[JJP02, LNY+11, PH06, SKF17]. forensics
[CD07, QZ14]. Foreword
[FM90a, Har90a, SY16a]. fork
[GL14, OH15]. fork-join [OH15]. Form
[MBCD86, BHM12, OH15, X13a]. Formal
[Arn98, Art87, BZ10, BCF18, CW02, Coo90, Dye87, EC98, Fur93, GK10b, Gla11e, Gla93d, Gla95d, Gla96d, GV99, Jac98, JTW98, KSN17, KL91, L'E87, Liu93, LSD95, LNPGD+06, MGH97, MG91, MP95, Nit98, Ost92, Par98, RDD02, TK91, TZY92, VP92, WK11, BHH+12, BBC05, CTK13, CLS98, DAR14, DBZ16, DH13, FIGCLN+02, FIBRGLN05, Gla94e, GKV14, GHKR04, Hdm17, HRZ06, JEO2a, JMM99, KSS03, LF98, MGM10, MA11, MSHB98, Sai98, Wao05, WW09, YKC+05, ZAO08, AHH+10, MS17b]. Formalism
[Kun95, Ale05, KU10, SSF15]. formalisms
[KEK04]. Formally
[BDG6, HYS+04, Phi04, PPS12, Rec93].

format [SW99, CSD10]. formation
[LLH19, OCC12]. formative [PB00].

formats [CF07, CSK18, JH10, ZT14].

Formatting [Fis91, L'E87]. formed
[BM07, VA17]. former [SNDC13].

formidable [Rei00]. forming [LS17a].

Forms [GK19b, SKS96]. formulea
[vEHv89]. formulas [SGK12].

formulation [CJP98, GP05]. FORTRAN
[AC97, Rey80]. FORTUNA [GKD13].

forward [Tse07, WLL17]. Found [KSH92].

Foundation [NS87, GPHS07, PDC01].

Foundational [ANB03]. foundations
[Mat96, VPMV+13]. Four
[Bru86, VBC+14]. Fourier
[GIJ13, yWpWyYpN13]. Fourth
[Joy94, RA96, DHK06].

Fourth-Generation [Joy94]. FP
[BK92]. FP-S [BK92]. FP2 [B09]. FPA
[FP18, KRH05]. FPA-FL [FP18]. FPGA
[EHK04, MM14]. FPZL [DOC13].
fractal
[KM11, WCH03]. fractional [MIUM12].

fragile [CCL11]. fragility [CIB+19].

fragmentation
[DFCR96, HISP14, SeMC02]. fragments
[SGC+17, Zhu04d]. Frame
[HFK92, SLG93, GLJ00, LWL+13].

Frame-Based [HFK92, SGL93, LWL+13].

frames [LCC+13, CKL12]. Framework
[ANB93, BFR96, BHI90, BC94, BF90, EL94, HR96, ILZ14, JS11, Lak97, MWH97, MV93, Mos84b, MP90, NG91, NC96, PM90b, Pre95, Rah92, SW93, Sam93, TMB19, AV12, AM13, ATHM17, AZW07, AK16, AAM+17, AS00, BKE18, BG09, BM89, BSG+18, BS12, CDEV08, CNM18, CT13, CJP98, CPX16, CBC14, hCSW*04, CL04b, CBC+15, DBL+18, DH09, DSSL09, DS16a, DB95].
DBZ16, DB06, DM17b, ETYL15, FBB15, FdOdL04, FTC16, FCC+10, FMRM15, FLA+01, FL09, G3M19, GKD13, GN15, GPP+17, GPM113, GSN+15, GDL16, Gru07, GJP96, GMMC13, GZKL13, HALS08, HGP+12, HLMB07, HZH+16, HCWN05, HSL14, HZ07, ILZ13, JCC05, KC16, KH14, KSAR18, KPS08, KT12, LCLP16, LBS+07, LSE12, LHH10, LDZL15, LC11, LNW+11, Lop03, LLC17, LZR16, MEB+10, Mos84a, MIKG13, MAAC17, NK15, framework [NWZ05a, NBR+14, OAdLC07, OAC11, PPG+13, PWY+16, DNAM05, framework-intensive [RAS14].

Frameworks [CGP+09, CdL18, FCL+00, GAKF13, MDP+11, OLV15, PRR10, ROFGFM13, SKL10, SPTCT18, TJJ+18, TKJ15, RC14]. Frank [LZ07]. fraud [Gla95a], Fred [Ano87d]. free [HP90, HP92, Shi12, Aba06, BLS18, BL19, CW09, DFPGFM13, SKL10, SPTCT18, TJJ+18, TKJ15, RC14]. Frank [LZ07]. fraud [Gla95a], Fred [Ano87d].

free-list [Aba06], free-spirited [HL10]. free/open [SSA08]. FreeBSD [YSC06]. FreeRTOS [GPPT16]. French [FM90b], frequency [BPM06, CS12, HFE10, HH05]. frequency-hopping [BPM06], frequent [DS12, KKR16, KVT+17, LTH+09, LLLJ+12, LW13b, MSB18, NDS13, Sal17, SPDT06, ZJL10], friendly [MCV15, PSNB11, WOLS12], friends [CN00, EBC10, RNC14], front [PSS11]. frontiers [WMC17]. FRSM [Liu95]. frustrated [Gla00a], FSA [LMS12], FTAM [LL99], FTM [AH+10]. Full [CMNA+09, Glaxy88b, RUV92, Got93, JJC+14, LKH+08].

full-round [LKH+08], Fully [ZZ12, KSAOK04, ZML17], functional [GCMB17]. Function [AR94, BK92, DoI97, EAH+11, ES97, FW+97, OR00, ReI90a, TC93, CSW13, HOR01, HBT16, LC10, SHW09, TSCB19, WWTH08, WWSZ15, WBB09, ZLCY06, AHGSS05, LWSH19, SB19].

Function-as-a-Service [LWSH19], function-assigned [WWB09]. Functional [ABB15, BM93a, Dye93, HZ83, How80, KP97a, Mil96b, Moy96, Nels81, SAA93, TT09, AP09, CGMPAP08, De 98, DRCG12, EGM+11, GD12, GEM15, HRZ06, HPF16, KR16, LF91, LC08, MLB09, Nae01, NSD16, OMLB16, SA14, TTM13, TGE17, XZAR06, YCG+14], Functional-Decomposition [Moy96], functionalities [CFFT08, RAJ15].

Functionality [Moy96, PLF05], functionally [Amb87], Functions [FS88, Hsi91a, KA96, KPT09, LWBH16, MRBN17, TSB19, TC12, MG11], Fundamental [BDA+02, EL88, G95j]. fundamentals [Aml00]. Further [CA89, WHY+12, VVS99], Fusion [SW95b, HF08, TXLC12, YCF+13]. Future [Ano87e, CG15, BMA+13, BGP17, CJT+16, Chr16, DFG+13, Fug12, MKNS06, PMR16, PS05, TDL+02, WTC+15, Wen03]. fuzzing [ZLL+12], Fuzzy [Zhu04a, ACGS08, BS10, BMLL14, EL07, KRHD12, LLWL19, LYMGT08, MSMD13, SFMB16, SNM14, ANCL11, CWP09, MG11], fuzzy-based [SFMB16].

G [PdF97], G-Nets [PdF97], GA [MMSD13, MA17], GA-fuzzy [MMSD13].

Galois [JE02a], Game [MTW97, BNvdH05, LWL+16, LHCT19, XJZ+15, vWSB13], gameplay [Dan17], games [Dan17, GSM15], Gamification [AM18, GPP+17], gamma [CC01, CLC03].
Gandalf [AM85, ES85, Not85a, Not85b].
gangs [PK10a]. Gap [CFSS98, CKL12, 
GMS07, PFG13, SBDB19, TR18]. gaps 
[CJKC09, JKWL09, O'B08]. Garbage 
[Yua90, KCS01, KKL11, LSaC01, SK07].
GASR [FDN16]. Gateway 
[Bar86, WZM12a, WZM12b].
Gateway-oriented [WZM12a, WZM12b].
gateways [HMP99]. gathering 
[CLCY04, CFA'19, MC10]. Gaussian 
[ZL17], gaze [KWS'17]. General 
[BFC09, Sei89, Woh16, Yua90, AAM+17, 
BJ03, CCW02b, HKN+07, KL10, LNW+11, 
SND19, WSM15, WS12, YC11].
General-Purpose [Yua90]. generalization 
[Raj94]. Generalized 
[Bhi90, BH38, CCGG14, CT97, KP97b, 
SM06b, YDGB+12, vD93, WHL89].
Generalizing [SE16]. generate 
[MM19, SGC+17]. generate-and-validate 
[MM19]. generated [LW13a, SCL13].
Generating 
[BD19, DV10, KTT+17, LWN03, OL99, 
PS90, ZYZZ14, CL18, Cic16, JMM99, UK17].
Generation 
[APE95, AM85, Bel91, BCFG86, FA194, 
GKV14, Joy94, RA96, AZ11, AG15, 
ÁGBBY+14, ABC+13, CLS+12, CLSC98, 
CS04, EVR11, EGM+11, FWA09, FAM15, 
FA197, Gla97i, GZY11, GTY12, GH04, 
GEM15, HY11, HBT16, HZH+16, HWC+10, 
JR09, JF99, KL10, KL11, KD18, LU06, LC07, 
LC08, MSHG18, PS13, PAOC15, Phi05, 
Ph06, PW18, PQLN04, SA08, SZPMK04, 
TAF+17, THP+06, VRPT18, VPMVM+13, 
VA08, WBW+06, YLC06, ZAY19, ZAO08, 
ZBLG07, ZL06, dRT06, RR09]. Generator 
[AF06, MM93a, NY84, YCGH92, GP90b, 
KP97a]. Generators [AF96]. Generic 
[MM93a, BMS11, CHY+05, DK15b, Gr07, 
KD18, XPBC11]. generics [RFZ08].
Genetic [JK13, OW04, PS05, AR18, AG15, 
BRMA+09, DXPY03, EEAZ13, GBL08, 
GWW+11, JJP02, KSN17, KLB15, LHZ10, 
PS13, RCCVB11, Yoo09]. Genetic-algorithm-based [OW04].
genomes [HLWC04]. GenProg [MM19].
geographic [DBCdP11, KPSK09].
geographically [CdR+14]. geolocation 
[PWY+16]. geometric [CJT01].
geometrical [TLI13]. gesture [SHBC19].
gesture-based [SHBC19], gestures 
[MM15]. Gibbs [BT05]. GitHub 
[BV18, JR15, MLA18]. Given [Leu92]. gives 
[Jør16]. Glass [Gla88b]. GLBM [ZADM10].
global 
[APCS10, BHH+10, BBS10, CL18, CCSC07, 
GBC16, Jør14, KK11, KR14, LH11a, 
LC16, LR99, SC09, ZGL+10, dOCS13].
globally [KM14, TR18]. Glotos [Son93]. 
GM [SOC+03]. GM-WTA [SOC+03].
GMPLS [WGY+08]. go [FF96, Mea09].
Goal 
[KKP06, LMR12, PZ15, BCV06, CCCT06, 
CPY14, CHL+13, GPM13, Gla96i, 
MTF14, PNJGF12, PL99, SCS15, ZWM+18].
goal-based [GPM13]. Goal-driven 
[PZ15, CPY14]. goal-oriented 
[CCCT06, CHL+13, MTF14, PNJGF12, 
PL99, SCS15, ZWM+18]. Goals 
[Ph95, CFAP17, CCHW90, GBH+16, 
KG18, MPS+12, OW04]. GoF [ACS13].
Going [DC17]. gold [Gla93f]. Gompertz 
[OD09]. Good [Gla97f, Gla02, BB89, 
CHL+13, Gla00f, MM01b]. Good-bye 
[Gla02, Gla00f]. Gorbachev 
[An000d, Gla90c]. GOTO [GBG90].
governance [VvSvV16, Wuu19]. GPU 
[BAT+14, HCB+16, MBB11, PS14].
GPU-SAM [HCB+16]. GQM 
[GPM13, KVGS11, MB97]. GQM-based 
[KVGS11]. GQM-DSFMS [GPM13].
grades [TYH04]. gradient [YCL13].
gradiant-based [YCL13]. Graduate 
[TR89, Bra89, TE99, VM07].
Graduate-Level [TR89]. grafting [SC00].
grass [FGW11, FAB+07].
grounded
[PPB19, ZPEL01, ZML17], gram [SPSR17].
Grammar [Ara95, HWC+10].
grammatical [BMCH+14].
Granular [KK07b, PS05].
Granularity [INS00, Jun00].
Graph [Ara95, Chr86, Fra86, HOT97, PBC93, QGZ+15, W.WLYB+14, BKLE18, CLX+04, CL17b, HWR17, KZDX09, LL00, LQW12, MMP15, PM99, PXT+13, PRN17, RSCB18, SM06b, YLYL17, CJ13].
Graph-Based [PBC93, WWLG13, SM06b].
graphically [Wal05].
Graphics [MC91, ZS88].
Graphs [Del92, HUMT92, AR12, BP13, BNS12, HL94b, QK08, SK10].
GRASPIN [Chr91, GHC91, GSC91, IKCN91, Kr¨a91a].
greatness [Gla95a].
GreatSPN [Lai97c].
Green [LZL+15].
Greedy [KHS11].
Grindstone4Spam [MRJD+12].
Grigoris [LZ07].
Grounded [GN15, WLD16, AKH12, CO08, JG14, JMML17, SSD16].
Grounding [OHS01].
groundwater [LHP+09, LHP+10].
Group [ARAS94, CCSC01, GTF17, HR95, Sch81, SZS13, AS01, BPSK18, CJT04, CNLV07, HYC04, HDLK00, Jia99, KPG+07, LL06, LLY07, LCC10, NLKW05, RDD02, Sha05, WF07, WHHT08, XY02, YSDT11, YZ05, ZeKS17].
group-based [BPSK18].
group-by [LCC10].
group-oriented [LL06, WHHT08].
grouped [SD16a].
Grouping [GTY12, GZY11, WHYT06].
groups [HLM05].
groupware [BKZ+06, BDG13, MGR+13, PLGT10].
Growing [HHKW16, EZG15, KHMA12].
Growth [DLG96, Tau92, Hua05b, KLB15, LHC+05, RSB+14, ZLCY06].
GSM [FIGCLN+02].
GTCR [CCSC07, RFS10].
GTCharge [LWL+16].
guaranteed [LWL+13, LGHR16, MK17].
guaranteeing [FCC+10].
guarantees [AMP12, CSG19, LGZ+18].
guessing [SCH05].
Guest [Bae06, BJJ02, BDV17, CCM12, CSSW03, CHS+07, LW02, RW01, SY16a, Ano93g, Ano94f, Ano95h, Ber94, BS96, Bo97a, CdS18, CDW07, CU98, Got93, Har90b, Har93, Har95b, Hoo94, HY94, yL98, DGV08, MW08, OP92, Pla95, Rad84, RAS1, SAI98, SW09a, Wey01, WYN01, ZS95, ZWM09].
GUI [BRB14, HCC10a, YCG+14].
Guidance [HBB+99].
guide [PIG08, PPG+10, dSF12, dBV08].
Guideline [NB93].
Guidelines [CTA94, LAM08, MMSH92, CPDM16, Phi98, SN07].
guiding [LK13].
Guilt [TKCR14].
Guilt-based [TKCR14].
Gulezian [BT97].
Guo [LLL06a, LLL06b].
[AAH10, AAH12b, CL13, EZOK14, LRD+19]. hands [FIBRGCLN05]. hands-on [FIBRGCLN05]. handshake [WZ11]. HANet [JCC05]. Haolap [SGW+15]. happened [Gla96k, Gla97k]. happens [GFWA18]. happy [GFWA18]. Hard [Ham81, KCS01, Kor99b, LSE12, IWL+13, PC04, SY02, WMWZ12, wZiG14b, ZLZ+96]. Hard-To-Use [Ham81]. hardening [AMKD13]. Hardware [GH83, Mos84b, WWF94, CGL+04, EHKh04, GKD13, Gla00i, KPT09, Mos84a, Nav92, Oi08, Ozk97, SP08, TCSC04, XYS07]. hardware-based [GKD13]. hardware-translation [Oi08]. hardware/software [CGL+04, XYS07]. Harmelen [LZ07]. harmful [SJ05]. harmonization [PPG+13]. harmony [ZGL+10]. HaRTS [ZLZ+96]. hash [PPB16, TMB02]. hash-based [PPB16]. Hashing [TC93, TL95]. Haskell [LSNL+19]. haves [HKvVvdV07]. Having [KL95]. hazard [KHC16]. HB [NJ17]. HCI [CdCa018, JST10]. HD [CH10]. HDFS [DZT+14, LLGZ13]. HDLC [Cla86]. Hdm [MD81]. HDWT [CCY+99]. HDWT-based [CCY+99]. head [GAK92]. head-of-the-line [GAK92]. header [Cam99]. header-population [Cam99]. healing [TTCC15]. Health [HWdS+15, LZHS11]. healthcare [PPN+15, VPL+10]. Heap [BKS85, HHH+10a, LSa01]. Heart [VPL+10]. heighten [MBL+99]. Help [BB81, Aki18, ABL16, Ano87f, Glal95g, LK16, RNC14, vHAT13]. helpful [SJ05]. HEP [Hay86]. here [FF96]. Hermod [OHB90]. heterogeneity [CDGJ10]. Heterogeneous [BL05, GHRK04, KZ91, KLC02, PD98, AR18, AY1Z10, BLM10, CLY17, CTHW12, DBL+18, DK15a, FBMO9, GPL+15, JZL07, JRO12, KHS11, Kar01, MMZ+16, MK15b, NEM17, NTRN11, OZO+14, PK10a, PWH06, RR98, SKKL07, TW98, TBC+16, WH15, Zha12a, ZLD13, ZCC+17, ZSB19, ZGHS13]. Heuristic [AAM00, Bow84, PCC02, ZR87, dNPM18, DSR503, DSA+04, KS16, MHW01, SMDM05, TVMS18, TPGdS13]. Heuristic-based [dNPM18, TPGdS13]. Heuristics [Fer93, Gla91e, Czvd98, DHC+11, FSGL12, FLA+01, WDC10]. HibOL [WM90]. HibOL-2 [WM90]. hidden [LZL+18]. hidden-code [LZL+18]. Hide [VPM93]. Hiding [Hen88, RwJK01, AQQ11, CCY+09, CL06a, CL06b, CNL13, FF12, HCS09, HC10, HWL13b, HTH13, LCT10, LC10, LCLF13, LBCL10, Lin12b, LCC+13, LLML13, LLW09, LWT16, OLZ13, PDMH13, PWC12, QZ12, RC94, TW07, UUN11, WCLL09, WCLC10, WHL13, WYCC13, WLC13b, WCC+14, WLT+09, WYWT11, YWHL11, YCLY13]. Hierarchical [ABB19, Bla87, Cha91, Ha93, LF96, Pow86, WWC00, vdSJK+07, BS09, DLLGSMR11, Czvd98, GBC16, JW06, KKG+12, KBH07, LLKL04, LH11b, NZM10, RG10, SS13, TYH04, WF07, WYMT11, WL15b]. hierarchically [YR09]. Hierarchies [MM81, BS09, HY03, Lee07, WL05]. Hierarchy [FWP93, Lee93, LKZW12, LY01, TL95]. High [AQK11, AA98, Anmm91, BW83, BH83, BM93b, CS12, GH83, KL95, KP97b, KP91, Lin12b, MMH92, PU48b, PU84a, QL03, She90, AdB13, AHLH16, AKA+15, BML+13, BGG09, CS19, CD07, CT00, CTL08, DB06, EBGR01, ELK06, FF12, FTC16, FSMG08, GJS8, GPK98, HCS09, HTH13, KC09, KT03, LP93, LCC+13, LO04, Nav92, NSL00, NJ17, PLCC09, PN14, PC15, Phi06, RLY+13, RQD+17, SMG08, SPMG18, Shi17, SP08, SVMAM04, SS13, TBC+16, TCMJ98, TC12, WWT08, WLH13, WYCC13, WCC+14, WLT+09, WKH11, XZP+10, ZHH+17, ZCZZ11, CT13, HA03, NK14]. high-bandwidth [NJ17].
high-dimensional [LO04]. high-integrity [SP08, TCMJ98]. High-Level [BW83, BHS83, GH83, KP97b, KP91, MMSH92, PU84a, She90, PU84b, CD07, FMSG08, GJ88, GKP98, LP03, Nadv92, PN14, PC15, Phi06, SMG08, TC12].

High-Performance [BM93b, AA98, CT00, FTC16, RLY+13, Shi17, SVMAM04, WYCC13, NK14]. high-quality [BGG09]. high-speed [ELK06, NsL00, XZP+10]. higher [LHJ10, dPLV19, nQYD11, RVM99].


Histogram [WLC13b, CSS+13, HLW08, HC10, HTH13, Lin14, LTW16]. histogram-shifting [HC10]. Histogram-shifting-imitated [WLC13b].

Historical [AH90, JRSN10, RSB+14, SYXL17]. History [Boz00, FJ98, GV92, Gla97m, Ayr98, HPH12, KM17, OKS+15, PDBD18, Sal80].

history-based [HPH12]. History-driven [Boz00]. hitting [TXCX19]. Hoc [ASC16, ACL13, BMES04, BCL11, hChSyCwL10, CJK10, Cho13, KSHC14, LLHY19, MLHL12, MDO+10, WF07, WOC15, Y2015, YSK09, ZMN05]. holes [NNVD17]. holistic [CC09b, WSJ10].


honeybee [KHSD10]. honored [Gla97g]. hop [CW12, JXL15]. hopping [BPM06]. HOPS [MBPM19]. horizon [HZG+12].

HOS [LF96]. Hospital [KZ91, OKT09, TKSRP11]. host [CL06a]. hostile [HWM01]. hosting [RQD+17].


HPC [CNM18]. HPoBAM [KJS+12]. HSP [JJC+14]. HSPAM [JJC+14]. Hsu [BCW05]. HTML [RDD02]. Huang [ZC05].

Huffman [LHY12, YWHL11]. Huffman-code [YWHL11]. Human [FK02, Har98, JeF91, LL85, Woh16, CFRPC+18, HH08a, KK06, LWW+10, Mv09, WSM15, YCG+14]. human-centred [KK06]. human-perceived [CFRPC+18].

human-related [HH08a]. Hurst [LCL15]. HVMs [CBZ+16]. Huang [WL05]. Hybrid [Df01b, FRA91, G91, GW95, KAM13, KR16, LWC+18, LS05b, PN14, WFZ96, BDGR01, BDLP15, BT17, CC+16, CNL13, CDOP15, CJ03, DBCdP11, EEAZ13, HC06, JS11, JJC+14, KH06, KLM13, LMT16, LG17, LZCL19, LT11, LQW+12, MLHL12, MR01, MR00b, QOLJG16, SBZ+17, SLW+15, TM06, YXH+18, YYWW07, YH10]. hybridization [MMSD13]. HyMIS [MK08]. hype [Gla96b]. Hyper [KS16, TSB19, W9+12].

implicit [OWB11]. Importance [Gla92e, Gla92f, Ano92f, Ano92g, Ber95, Ber02, LMPM18, OK18, RGBM06].

important [MKK09]. Impossible [TSLL11, LGLL12, SDM10]. Imprecise [CZ91, PZ94, ANH07, SK10]. impressions [BCG +14]. improper [LL07]. Improving [CFAP17, CSW10, CJ13, CHL04, FRR09, FCB +16, GMS11, KAO13, KA14, LGCT, LZK12, LRZ16, Mil00b, Mil96b, OKS +15, PB15, PXT +13, Pon05, Pul90, SOS +18, SLS08, SK03, SMU98, SK01, SB12, TSvdW18, XSL +18, DY15, HJBH10, HLM807, JMP07, KCT12, KM14, LMNA17, MKNS06, Pf99, RSB +14, RR09, VJB06, VSDD12, Wey99]. imputation [HKS +17, SA06, SS07, SSC08, TC16a, VK08, ZJZ11, Zha12b].

improvements [YCYW07, Hua05a, SJK07]. improves [vdBSvS +19]. Improving [CFAP17, CSW10, CJ13, CHL04, FRR09, FCB +16, GMS11, KAO13, KA14, LGCT, LZK12, LRZ16, Mil00b, Mil96b, OKS +15, PB15, PXT +13, Pon05, Pul90, SOS +18, SLS08, SK03, SMU98, SK01, SB12, TSvdW18, XSL +18, DY15, HJBH10, HLM807, JMP07, KCT12, KM14, LMNA17, MKNS06, Pf99, RSB +14, RR09, VJB06, VSDD12, Wey99].

improving [CFAP17, CSW10, CJ13, CHL04, FRR09, FCB +16, GMS11, KAO13, KA14, LGCT, LZK12, LRZ16, Mil00b, Mil96b, OKS +15, PB15, PXT +13, Pon05, Pul90, SOS +18, SLS08, SK03, SMU98, SK01, SB12, TSvdW18, XSL +18, DY15, HJBH10, HLM807, JMP07, KCT12, KM14, LMNA17, MKNS06, Pf99, RSB +14, RR09, VJB06, VSDD12, Wey99].
WTG⁹⁸, WTG⁰⁹, WTG¹¹.

instrument [JC10]. Instrumentation [BAL81, DH09, KHL⁺⁹⁹, Œzm⁰⁹, TLW⁰⁷]. instrumented [OM13]. Instruments [MP89]. insulated [RG10, WWYZ¹¹].

integer [AMK12, CAG¹⁷, Lin¹⁶]. integral [DAR¹⁴, SNM¹⁴]. integrate [JRO¹², ST⁸⁹].

Integrated [Car⁹⁴, CH⁹⁴, FM⁹³, Fri⁸⁳, Mai⁹⁶, TL⁹⁹, Tia⁹⁶, ZR⁸⁷, Bh¹⁰, CDM⁹⁸, CLCY⁰⁴, DI⁰⁵, KSAR¹⁸, KLY⁰³, LNC⁰¹, LK⁰², LJ⁰¹, LL⁹⁹, Lok⁰⁶, PKR⁰¹, TLWS¹⁰, TMM¹⁹, XLI¹⁸]. Integrating [Ale⁰⁵, BW⁰¹, HL⁹⁰, KAU¹⁶, KZ⁹¹, KFN¹⁹, LL⁰⁹, LTT⁰², Mar⁸⁴, MPAΑ¹⁵, MMTS¹⁵, SNBH⁰⁸, Sed⁹³, SW⁹⁵b, WK¹⁵, ZTCZ¹⁶, CC⁹⁴, DK¹⁵a, MLB⁰⁹].

Integration [Car⁹⁴, CH⁹⁴, FM⁹³, Fri⁸⁳, O’N⁸³, PL⁹⁹, RBM⁰⁹, BSGT¹⁰, CCG⁰¹, CG⁰³, DPU⁰⁶, FCRF¹⁶, GML⁰⁵, GD⁰⁴, DDF⁰³, HMOK¹⁸, HLW⁺¹⁵, ICΣK¹⁴, Jen⁹⁹, JST⁰¹, KMⁱ⁷, LLX⁺¹¹, LH⁰⁶, LLL⁺¹⁴, MSB¹⁸, NTRN¹¹, RRW⁰⁰, RPK⁺¹³, SD⁰², SB¹⁴, SMB¹⁷, SJH⁺¹⁰, UZ⁰⁹, WD⁰⁷, WBBK¹⁸, Yeu⁰⁰, ZS⁸⁸, ZZ⁺¹⁷, FCMJ¹²]. integrator [JRZ⁺¹⁹].

integrators [LMPPM¹⁸]. Integrity [WGC⁰², CT⁰⁹, MA⁹⁴, SP⁰⁸, TCM⁹⁸, ZTZ⁺¹¹, HΖAY¹², ZKL⁺⁰⁹]. Intel [DSGS¹⁷]. intelligence [PGP⁺¹⁹, PP⁹⁴].

Intelligent [AMK¹², Dam⁹⁶, KP⁹⁷a, MWH⁹⁷, NtI⁹⁸, RF⁸⁴, WM⁹⁹, BD¹⁶, BFAGS⁺⁰⁸, CJ⁰⁹, CHZ⁰⁳, CG⁰⁵, GGB⁰⁹, LPP⁺¹⁰, LKB⁰, MKH⁺¹²].

intended [Rom⁹⁸]. Intensive [TL⁰⁶, AAA¹¹, FOR¹⁹, GBH⁺¹⁶, LP⁰⁵, MAH⁸, O’BO³⁸, RASⁱ⁴, RHL⁺¹⁷, SCL¹³, SMI⁰⁷, Shi¹⁷, DSSV⁰¹, Sta⁹⁹, YMM⁺¹⁷, YM⁺¹⁹].

intentional [MBF¹²]. intentions [GA¹¹].


inter-organisational [WK¹⁵].

Inter-organizational [ESM¹⁹]. inter-player [MQG⁺¹⁷]. inter-process [AHLH¹⁶]. inter-sequence [WLC¹³a].

inter-session [SHBC¹⁹]. inter-stream [CH⁰⁵]. inter-VM [CBZ⁺¹⁶]. interact [HA¹⁰]. Interaction [IWF⁰⁷, KP⁹⁷a, NtI⁹⁸, AZ¹¹, BJK⁰⁶, GBDCR¹², Har⁹⁸, HSPD¹⁴, HLWS¹³, HCT⁺¹⁵, KWS⁺¹⁷, MOD⁺¹⁹, Mur⁹⁹, dL⁰⁴, BCF¹⁸]. interactions [CD⁰⁵, SÂMII¹¹, SKK⁺¹⁸b].

Interactive [Amb⁰⁷, BAL⁸¹, DK⁰⁴, DK⁰⁷, FSGW¹¹, Fis⁹¹, MC⁹¹, Mer⁸⁷, YNDS⁸⁸, ZENA⁹³, AM¹⁰b, Bra⁸⁹, CFFT⁰⁸, DL⁰⁹, Hoo¹⁴, HYS⁰², HL⁰⁰b, HKW⁰⁰, ILZ¹⁴, JF⁰⁴, MFTP¹⁸, MGR⁺¹³, PGP⁺¹⁹, QXYL¹⁶, SMHMA⁰⁸, ZS⁸⁸, eHªVªV⁻⁸⁹]. interception [FIGCLN⁺⁰²]. interchange [SMS⁹⁴, SW⁹⁹].

Interconnected [BFC⁹²]. Interconnecting [ZEB⁸⁸]. Interconnection [Arc⁸¹, PH⁹³, PDN⁸⁶, ZSGS⁹³, BMAH¹¹, CGL⁺⁰⁴, CC⁰¹, CLC⁰³, Kor⁹⁹a, LXY⁰⁹, RS⁰⁰, WMOKY¹¹].

Interconnectivity [KH⁸¹, Sel⁹³, RB⁸⁹]. Interdisciplinary [Har⁹⁸]. interdiscipline [FP¹⁹]. interest [TZ¹²]. interesting [ZZ¹⁶].

Interface [CB⁹¹, GC¹³, HHSR⁹⁴, HUR³⁹, JS⁹⁰, Kun⁹¹a, LG⁹⁷, WLC⁹⁵, AA⁰⁷, AYZI¹⁰, BAK⁸⁸, CGL⁺⁰⁴, CH⁰⁷a, Kun⁹¹b, MV⁰⁹, MM⁹³b, MCV⁵, PL⁹⁴, TKZW¹⁷, THP⁺⁰⁶, HTH⁰⁹]. Interfaces [GK⁹¹b, Aki¹⁸, AK⁰⁵, HYS⁰², SFJ⁰⁴].

Interfacing [HSR⁰¹]. interference [AdAD¹⁷, BPM⁰⁶]. interleaving [BP¹⁵, LCLL⁰⁸]. interlinked [MK¹⁵b].

intermediate [LSE¹²]. Internal [ESWA¹⁸, Liu⁹⁵, GAKF¹³, SeMC⁰²]. International [CBV⁰⁷, Rus⁹⁰, SS¹⁷, tLF⁸⁹, LP⁰⁷].

Internet [CG¹⁵, CJO⁹, CRL⁺¹², DK⁰¹, FGB⁰¹, HL⁰⁰b, HLT⁰⁹, JSM¹⁰, KD⁰⁵].
Intranet-based [LWS+03]. Internet-scale [JSM10, SXYW14], internet working [VT14]. Interoperability [RCL14, Tre81, CMNA+09, DGP02, MFMCY12, NSD16, GMGTdFR14]. Interoperable [MBV14]. interpersonal [Wk6OS17]. Interplay [AJLS10, AC17]. interpolation [FWTC05]. Interpretation [JK12, ADE12, ML03, OMLB16]. interpreted [AMCC14]. Interpreter [BS86]. Interprocedural [XNP07, MM06]. Interprocess [AAC02, IBP03]. Interrelationships [TD80]. interruptions [FGCBC10]. Interrupts [K93]. interval [LLC+09, LNY+11, LYC14, NG08, YCO8b]. interval-based [NG08, YCO8b]. intervals [JTM04, TSS09]. intervention [APT+12, VvSvV16]. interventions [SSMvD16]. interview [AHC+11]. interviews [HJ00]. Interweaving [PL96]. interworking [SKKL07]. intr [LCC+13]. Intranet [Tan00]. intraprocedural [ULN06]. introduced [HHKWB16]. Introducing [Kr291a, Sk13, WBBK18, YMM+17, YMM+19, DL06, HCWN05, TC10]. Introduction [An084c, Bas80, Bec86, BCDM06, BCG+13, Cha09, DIB14, FKA16, FOR19, Goe84, GBG10, Har88a, Har90b, IYK095, JNY84, KB07, LK02, DGVO8, ML18, Mar81, NBM19, OP92, PBM19, SS17, TDL+02, WMAS12, WM17, XST18, ZTPT18, dAK18, Ano83, Ano93g, Ano94g, BDV17, CCM12, CdI18, CDW07, CU98, Fai83a, Fai83b, Fai83c, Fai84, Fai85b, Har93, Har94, KY92, MS79a, MS79b, PS16, Rad84, Rid81, SMO8, SM81a, SM81b, SM81c, SM81d, SM83, Wil89]. Intrusion [HZ07, LHJ96, SKE10, YKC+12, CNLV07, HW101, HWNMO2, HWH+03, LG17, LCLL07, SC09, WBW+06, WZG09, WHC07]. Intrusion-resilient [YKC+12]. intrusion-tolerant [CNLV07]. invalid [CJ704, SLLY17]. invariance [KAS18, yWpNyL11]. invariant [LXCM11]. invariants [CCGdL10, TLL13, WL16]. inventory [CDS02]. inversion [SYT+17]. inverted [Luk11]. Invertible [UUN13]. investigate [ASGJ13, MB97]. Investigating [BM00a, C008, HNH15, JWA14, KOS15, MBF12, MCC05, RRD06, SPMG18]. Investigation [Em91, Joy87, Loh84, RBM95, WH91a, ACS07, AKKS11, ARH+17, ABJ10, BVN07, BDD+15, CFL+18, CH10c, CN00, DSRS03, DSA+04, GTA14, GTF17, HS99, KLRW01, KWT+00, KBBW05, LMM10, LZO+16, LJ105, LJJ99, MNS13, MKL+00, SS00, dBTdSS08, WDMR99, ZAD15]. investigations [LRB+19]. investment [RS98, vdBSvS+19]. Investments [RS98]. Invocation [Kor83]. involvement [CFMR11]. involving [JSM10]. iOS [LZHS11]. IoT [DS16a, GGB19, WNC17]. IP [BP15, HHL06, Lin07, OS+18, SSK98]. IP-based [OS+18]. IPv6 [AAH12b, AAI0, CL13, HLY06, LYO9]. IR [BLUH15]. IR-based [BLUH15]. IRC [HB13]. IRC-based [HB13]. IRIS [Cam00b]. IS/software [Moy00]. ISBSG [dGF16]. ISCC [LS99]. Ismos [NY84]. ISO [DRCG12, EG00, EB00, EJ01, JH01, Lai95, Lai97a, LL97a, LL99, LCM+04, YYL+06]. ISO-certified [YYL+06]. ISO-FLANN [DRCG12]. ISO/IEC [EG00, EB00, EJ01, JH01]. ISODAC [TBC+16]. Isolation [Dil91]. Issue [BCEF10, CCY17, CUY09, CGA08, FM90b, GH08, Har90a, OPS11, SS17, WCTK12, AC19, ADMOK+10, Ano84c, BEZ14, Bas80, Bec66, Bor12, BCG+13, CCM12, Cds18, CLR18, CA14, CL11, C98, DIB14, Dut15, FKA16, FOR19, Goe84, GBG10, HLM+09,
Har88a, JNY84, JWT17, LH12, LP07, ML18, MACB19, MS17a, NBM19, PBM19, PS16, Pla95, TSB19, TB13, VZT17, WB19, WMAS12, WM1C, WC16, XST18, YAT11, ZTPT18, dAK18, GP10a, Won10.

issue-based [TB13]. Issues
[FGD+17, FWA09, FG94, Hać86b, ALRP16, CDS10, CL99, De 97, EGHO16, Fic89, Gla96h, JR15, MSB+02, PW09]. iStar [GCAH18]. IT-based [Rey07].

Italian [ETM10, RZ94, TTR+13].

item [CLL10, MCCC03, MM01b]. Items [SG91, ACL13]. itemset [DS12, NDS13]. itemsets [CTL08, SPDT06, ZJL10, CCGG14].

Iterated [LM15, KHS11]. Iteration [BBP96, Sta93b, PMB99, WCH03].

iteration-free [WCH03]. iterative [BBS00, JPKP04, JE02b, PXT+13]. iteratively [Zha12b]. ITOC [HLAB99]. iTravel [YH13].


JaguarCode [YLC18]. JAIN [TDK+07].

Java [AM94, Duv95].

[JWL19a, A5dMG14, AzY10, ABFM12, BD17, FGB+19, CY04, CYH04, CDPO5, DS04, ECS15, ES14, EED16, GK08, HdM17, HWM01, HWM11, IS05b, JCYC04, LRO19, MLGA11, MKM+06, NCS10, Oi08, PTF+15, QLBS17, RFZ08, SeMC02, SS14b, TB00, TCS04, WLL19b].

JavaScript [HHKBW16].

JCSI [ABFM12]. JMove [TVMS18].

Job [AP97, BBG86, GQ12, Kar01, PRS11, VC97].

jobs [AR18, LZY+15, ZK09]. Join [AT97, JLYK09, LWHS05, LCCH02, OH15].

Joint [Dav99, KCS01, Sch81]. Jointly [GAWC91]. Jointly-owned [GAWC91].

Journal [BT97, FM90b, Gla99b, Gla00d, HST16, KPM05, Li99, LLLZ06a, TTT14, WLL19a, Woh16, YMM+19, Gla89e, Gla00a, vV13].

journey [BDA+02]. JPEG [HWL13b, QZ12, QZ14, WLH13, WC02].

JSD [Yeu00]. JSS [BCG+13, GP10a, Gla95j, Gla96k, Gla97k, Won10, WC16].

judgement [JTM04]. judgment [GJ07, JH10, Jor10].

judgment-based [GJ07, JH10, Jor10].

junior [vHAT13]. just [PPB19, YY04].

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Kalman [AG15]. Kanban [ADCO18]. Kanji [Kuo00]. KAOS [MNSA15]. keep [RFZ08]. Kememer [Gur01]. Kendra [MHC00].

Kernel [CYT16, CC03, CHY+05, Fei12, IF10, LC06a, LWBH16, OY16, SCwY12]. kernels [YSC+06]. Key [ROR11, RH02, ACS07, CLC08b, EHKH04, HL11, IB11, JW06, LLY07, LKHO, KJL01, LH11b, LW13a, NLKW05, Nec96, NJ07, RG10, RPSL10, SLZ12, Shi17, SCH05, TLL12, Tse07, WF07, WYYYZ11, WZM12a, WZM12b, WHHT08, YC09, YC12, YS04, YLZ+16, ZSM05, ZG10, OHJ10].

key-encrypted [RG10, WYYZ11].

key-management [JW06]. key-value [Shi17]. keyrings [MBB11]. keys [BCW05, CWH00, HY03, WJ99, WH03].

keystroke [CTL12, Kan15].

Keyword [TZ12, BL11, GZS+18, LWXZ10, WHY+12].

kill [LGC17]. Kintala [TG10].

kit [FCRF16]. kits [GW95]. kleptomania [Sta02].

Kmeans [LQC+14]. Knowledge [AJMP96, Fra90, HHT13, KB96, KPS+04, LC06b, MW95, MP90, Mot96, Pla92, Pop92, Pre95, Sam93, STJ83, She90, UK11, Zhu04b, AAH12a, BSG+18, CJT+16, CSNS05, CHL11, CU98, CDZ07, Eri92, FB18, FM08, FH10, GK18, GLJ13, HZH92, IF11, JS11, Kel15, KJ17b, LL09, LJA+11, LLH08, LLL+17b, MMTL06, NTdSX13, Pla95].
RR09, RO09, SdSLS$^+$19, SKE10, SBDB19, SSA08, TAJ$^+$10, TBG13, TL09a, WBBK18, YCG$^+$14, Zhu06, ZG07, ZMK12, dBV08, SZ00, ZL06]. Knowledge-Based
[Fra90, KB06, MW05, MP00, Pre95, Sam93, STJ83, She90, HHZ92, Pla95, SKE10, 
TBG13, TL09a]. Known
[Hen88, HWW01, YTH04]. Kodak [Sed93].
Korea [NSL$^+$07]. Korean
[Kan15, KJLK07]. Kuali [LWZ12].
Kung [CB91].
L [Gla88b]. label [CTHW12, LLL06]. labeling [KA17, MLC09, YC08b]. labelling [XYZ$^+$19]. labels [MB06]. Laboratories [HBC94]. Laboratory
[BF81, MA89, VM89]. Lagrange [FWTC05]. landscape [GW01].
Landscaping [KSIZ19]. Language
[ASMM18, Arc81, BS06, Bel93, BCF18, BY87, BBC$^+$88, BK85, CL81, CT94, CH83, 
Coh81, GMM90, H91, Joy94, KP91, Krä91a, MGH97, Maz81, Mey88b, MO90, 
PT91, PD98, Ros87, Sku91, TKU93, UW95, Whe81, ZSGS93, ARS17, BKS15, BK95, 
BFLP09, BWH10, BEK$^+$19, CAHV15, CF13, CG12, De 98, DDGR09, DPP$^+$18, EMBS17, 
GJ88, HHKB16, HGMB13, Jav88, JMM99, KNYS09, KRK00, KMWI12, KM16, 
LPXL10, LQFA07, MBM$^+$09, MAGC$^+$17, Mer13, MGR$^+$13, Nav92, NBR$^+$13, 
OAIDC07, ORN02, PC10, DNAM05, RS06, SMG08, SA14, SPSR17, SCDS$^+$06, SAH12, 
SW88, TCJ98, TL09a, UhCL94, Wal05, YS02, ZMAV08, ZGH$^+$07, KVH12].
Language-agnostic [ASMM18]. language-independent [CF13, DNAM05].
language-supported [MK95]. Languages
[AM81, CH83, CGD$^+$96, FM90b, Gau91, 
HP92, Kor83, MF90, NC96, PNDN86, RMC93, SAA93, TK87, YFY96, ACG$^+$15, AMKD13, 
Ayr04, BBA00, BSB12, PCG02, PK89, 
QOLJG16, RO13b, Rom99, SKL10, SHS16, 
SPl01, Sto92, TFS10, War89, Wen03, 
VPdB13]. LAns [BFC92]. Large
[Ara95, Bla87, Di 87, ESWA18, FNWL18, 
Gom94, HL90, Leh08, MWH97, MWH98, 
NIt96, OKOM97, Rey80, S93, TPTV17, 
WWC97, WRW93, AHH16, APS16, AM04, 
AAA11, BLL$^+$18, BMS04, BV16, CB16, 
CJ03, CFN07, CDD$^+$04, CSM15, DvdVA$^+$13, 
De01, DPL16, EEA13, Eh19, GTF17, 
HB05, HY03, JLC04, KY09, KLL$^+$11, 
KRR16, KGT02, KL07, KPG$^+$07, LK01, 
LCL$^+$12, Lin12a, LTK$^+$15, LWOY16, 
LLL$^+$14, DPS03, MPST06, MHW01, 
nPHW$^+$16, PWLH06, PFG13, PTF$^+$15, 
RSB$^+$16, RVC17, SAH12, Shi17, SVM91, 
SM16, SGO13, SYT$^+$17, SAN$^+$17, TM06, 
TTL$^+$13, TTWY04, TCT04, TMMI19, 
WK15, WFF18, WWC98, WL05, Wey99, 
WCV$^+$98, WM99, WB15, XWZ14, 
YMM$^+$17, YMM$^+$19, YSK09, ZK13].
Large-Program [Leh80]. Large-Scale
[Gom94, HL90, OKOM97, WWC97, APS16, 
BL18, BMS04, CSM15, DvdVA$^+$13, 
De01, DPL16, EH09, JLC04, KKL$^+$11, KL07, 
KPG$^+$07, LLL$^+$14, nPHW$^+$16, PWLH06, 
PFG13, PTF$^+$15, SAH12, Shi17, SAN$^+$17, 
TMMI19, WFF18, WWC98, WL05, ZK13].
largeness [KEK04]. Lascad [ASMM18].
Last [Gla90a, Gla98h]. late [MRS18].
Latency
[SB19, BCA$^+$19, KY10, LJC16, L505a, MJ18]. 
Latency-aware [SB19]. latent [DBV08]. later [Gla97k]. lattice [JE02a]. lattices 
[CHN19]. Laws
[Leh80, DZRH04, PLCC09, dosAdSG17]. laxity [LES11]. Layer
[AAH10, CAS13, AAH12b, CH05, CTL10, 
CTHW12, DGV$^+$07, KSH14, LLLK12, 
Pzb10, PGRQV12, SRWE10, WGY$^+$08, 
ZYZL12, LZG15]. layer-2 [DGV$^+$07]. 
layer-3 [DGV$^+$07, PGRQV12]. layer-3/layer-2 [DGV$^+$07]. Layered
[Amb87, HO96, YCGH92, BPO$^+$16, IWF07, 
LBS$^+$07, MGB16, NTRN11, OFWP07, 
PTM08, LLW12]. layering
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layers [ST11, SMR09].

lead-time [JAS19].

lead-time [JAS19].

lead-time [JAS19].

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leadership [Vau07, HS99].

leadership [Vau07, HS99].

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leak [Gla93h, JAS19].

leakage [CLW05, WWL +10, YLZ +16].

leakage-aware [WWL +10].

LEAM [PW10].

Lean [ESWA18, NBF16, PFG13, WCC12, PW10].

learn [Gla98d, Pfl00].

Learned [LV97, Rei87, BW80, Gla97j, RB16, SKK +18a, Tom89, VM12].

Learning [LTK +15, LMS12, OT92, AIE19, AAN11, BNS12, CX10, EB14c, FMPS16, GJ13, Tom89, KCT12, LHIM13, LG17, LNPAGD +06, LLC17, MKL +10, MDJ +11, NI13, PCCK18, SRSC16, Szw +16, SGEK19, SW88, VDZ +17, VLL18, WQJZ10, WCX15, Xia13, XHM +11, YHH +18, ZHS01, ZFS15, BJK06].

Leaky [HBM19, MT10, SSO05].

Leaky [HBM19].

leaky [HBM19].

leakage-aware [WWL +10].

LEAM [PW10].

Least [BDDS11].

Letter [TL95, Gla00b, Gla00a, WJ99].

Letter-Oriented [TL95, WJ99].
CBT+14. **Linear**
[RT86, YRN80, CAG17, HY01, MPAA15, NHC13, PWLH06, dSSJV08, TMB02]. **Lines**
[Dolz07, AWSC19, BKS15, BdMSNO+17, BBS10, CdSdSG+18, CNKL12, EBB09, FL05, FFV19, GWW+11, HBOS13, KG09, KPS08, KTF+16, LDL07, LGS+19, MAGIC+17, Mr00a, MD16, NBA+15, OGRJ+18, PLHP+15, RTM19, ROR11, SHW09, SdSdMSN+13, TBG13, WVT+14, WAG15, WGS+14, dSdAdSG17]. **lingual**
[RMC05]. **Linguistic**
[Sta02]. **Link**
[AAH10, AAH12b, DRCG12, Gla92g, KR16, PSM12, RNC14, SCGL+18, SZS13, WY04, WGW+09]. **Link-Layer**
[AAH10]. **linkability**
[WYL06]. **Linkage**
[ZS88, dNPM18]. **Linking**
[BJ03, FPW96]. **Links**
[HRRC16, KBDGAW16, Zhu18]. **Linux**
[ABB19, FAB+07, Fei12, IF10, LC06a, SMZC12, YSC+06]. **Linux-based**
[ABB19]. **LISP**
[Ng93, YY93]. **List**
[C¸am00a, SD94, YRN80, Aba06, BG06, CHY+05, SBZ+17]. **Listings**
[LDN87]. **Lists**
[DT90, CC05, GAW92, LMI15]. **Literature**
[GCAH18, LL85, Not85a, SKT17, AAGT16, AKAA18, APW14, Ano01c, AT15, AS16, BWP16, BKS15, BMB18, BKB+07, CFL+18, CP15, CS19, DPL16, DBCG14, EFG+08, GJ16, GNA17, GA11, Gl09i, IHA16, JED18, KGB11, KNA11, LFW15, LL15, MH13, Mau16, MRT17, MRY17, MGAN18, ML08, MB010, OGRJ+18, PG12, PMB15, RAK15, STA19, TKP+18, TCS18, VLC+17, VCG17, ZADA15]. **Little**
[Gla90g, RNC14]. **Littledwood**
[Lit80]. **live**
[FGLI15]. **lives**
[TLK+16a]. **Living**
[BR90, RASL12, CFAP17, GMPN12, BHH+12]. **LLVM**
[RSCB18, LMR [Rav03]. **Load**
[HI90a, HJ91, HL94a, MCC11, RCS93, SLW+15, Sh01, BV+10, Boz00, CBZ00, CV16a, CCH14, CS12, DY15, DLT99, FS19, Har92, LJ+12, MCCC03, NNVD17, RwJK01, TH02, WGW+09, WOC15, YCF+13, ZK09]. **load-balancing**
[LY15]. **Load-Building**
[HL94a, Ha+92]. **Load-prediction**
[SLW+15]. **load/extract**
[TH02]. **Local**
[DT90, Oi08, CL18, FF12, FLA+01, HC10, JCA16, LM15, LW+10, ZZ88, ZLmLN14]. **localisation**
[ASRZ+18, XYZ+19]. **Locality**
[TL89, ZG00, KC16, YR09]. **Localization**
[STJ83, Sel93, AZGvG09, DC11, DW14, FP18, GXZ+19, GLOM19, JJC+14, LLWL19, MIL+14, PAR14, TXCX19, WL15b, WL16, WDC10, YLYL17, ZJC+10, ZCT+11, ZS16, ZYZ+17, ZC18]. **localize**
[dSACdLF17]. **Localizing**
[ZWF+18]. **Locally**
[CW97, TC06]. **located**
[SHHL12]. **locating**
[WBP+03]. **Location**
[CL94, HLYL06, LLL04, ZS05a, AACT13, AL10, BLU15, CFAP17, ES06, IBM11, LU06, LPR04, NCS10, PSH06, PXT+13, WCC13, XSL+18, L13]. **Location-aware**
[HLYL06, PSH06]. **location-based**
[LPR04, PSH05]. **location-dependent**
[IBM11, LU06]. **lock**
 [CKyL98, FMWC12]. **lock-based**
 [CKyL98]. **locking**
[CM05, Jun00]. **locking-based**
[Jun00]. **locks**
[HPT07]. **Log**
[XPBC11, BLL+18, CPL+04, FSS+13, MK17, NHC13, WWSZ15]. **log-linear**
[NHC13]. **log-logistic**
[WWSZ15]. **logging**
[CPL+04]. **Logic**
[BCFG86, Fer93, GMM90, Jma96, KK07a, Kom88, Kus90, UH96, BML14, De 97, EBE18, EL07, IS03b, KAO13, KB16, She89, dSSJV08, TL09a, ZC06]. **logic-based**
[BML14, KAO13, TL09a]. **Logical**
[MCL+17, Pf97, T93, AC17, HJ14, YL06]. **logics**
[BNR09]. **login**
[CTJ01]. **Logistic**
[Sch81, SA06, WWSZ15]. **logistics**
[Hoo14, TTL+13]. **logs**
[LZXS09, LGH+17]. **London**
[LZ07]. **lonesome**
[HFLvV11]. **Long**
[BR90, CFAP17, Gl09h, Kel09, SB17b, UD10]. **Long-Living**
[BR90, CFAP17]. **long-term**
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longevity [NCWK18]. longitudinal [Han12, Man16, vHJPB+17]. look [Ano87d, Ano88d, Dan17, Gla86, Gla89b, Gla91g].
lookup [WK88]. Loop
[txLC12, HH00, NK15, Ozk97, PCYZ12, SP08, WWC00, WWL+10]. loop-level [HH00]. Loops
[FN85, CC02b, KMSMD08, LC05, LC07, PC01]. Loosely
[ezG15, FG93, HJJ90b, CDOP15]. Loosely-Coupled [HJJ90b, CDOP15]. Losing
[Zuc90b, SLZ12]. loss [ED06, HHL06, ZYZL12]. losses [BP15].
LossEstimate [PD12]. Lossless
[QZ12, GJ13, HWL13b, LWL09, TTL10, WCCL10, WLH13]. lossy [BGG09].
Lossy-Coupled [HJ90b, CDOP15]. Losing
[Zuc90b, SLZ12]. losses [BP15].
Lossy-Coupled [HJ90b, CDOP15]. Losing
[Zuc90b, SLZ12]. losses [BP15].
LossEstimate [PD12]. Lossless
[QZ12, GJ13, HWL13b, LWL09, TTL10, WCCL10, WLH13]. lossy [BGG09].
Lossy-Coupled [HJ90b, CDOP15]. Losing
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Lossy-Coupled [HJ90b, CDOP15]. Losing
[Zuc90b, SLZ12]. losses [BP15].
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[QZ12, GJ13, HWL13b, LWL09, TTL10, WCCL10, WLH13]. lossy [BGG09].
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Lossy-Coupled [HJ90b, CDOP15]. Losing
[Zuc90b, SLZ12]. losses [BP15].
CDZ07, CS12, CDPM17, DMV98, DS16a, DIB14, DST+04, DTV09, DLB04, Ebe07, EB14a, EH19, EGG+11, EB17, FY04, FOR19, FN00, GAT09, GGB19, Gl91d, Gla91f, GSdS16, HSM+07, HNS12, HM16, HRN+01, HMC01, HCL+10, HTH09, HL11, JG14, JW06, JJP02, JKWL09, KMSMD08, Ken80, KRC00, Kim07a, Kim07b, KLP10, KGB18, KR98, KH10, KJLL07, LMvV09, LBS07, management LP00, LNC01, LLKL04, LRS+07, LJL12, LAL15, LH11b, LKB06, LSaC04, LWC06, MS03, ML03, MPTT14, MGB16, McB08, McD02, MMTL06, MDMC06, MBT16, Mur99, NKMM12, PL94, PSM05, PCHW12, PPMM12, PKR01, Pf00, PM94, PTV12, PK01b, Rav81, RCL99, Sa07, SBGT13, Sta10, SM03, TLTW07, TAJ+10, dBTdSS08, THWC10, TC12, TMM19, Uzz13, WF07, WDC10, WFWL09, WDC12, WOH08, YAY13, ZDC+11, ZFY+19, ZSS8, ZMK12, Bas80, manager LP05, SHW09, managerial BM89, managers ABG02, MNS13, Moy00, PV06, RMCH+14, Managing [MBMB18, CC06, CHCO11, EBB09, FKWHV19, GA95, Ha93, JL85, MSL12, PNL07, Rey07, Rv91, ZM96, ZKL+09, CWC04, CC09b, NCK+15, PCHW12, asRS+10, VJ18], Mandated [SG91]. MANET [LC16]. manifestation [CPRT16]. manifold [LYLC16]. manipulate [LLWL19]. manipulating [MCTM11]. Manipulation [DHKV06, MR83, SD94, OHL17]. Manpower [BB81]. manual [TAS+18]. Manufacturing [NCK+15, TM97, AHW10, FVHF+15, TTL+13]. Many [BBG86, BM96, Gla93g, GZY11, PN14, RV09, ZZ16]. many-core [PN14]. many-objective [RRV19]. Map [KPT13, CJ13, ÖT18, ZT14]. Map-matched [KPT13]. Mapping [KB98, ASGJ13, AJG+15, AB16, ADCO18, AM8, APS16, ACS13, AAC+17, AS16, BCFP19, BBND+18, BLTY18, BDM+19, BM00b, CS19, CL99, CMMR18, DLM9, FSGYP17, GMMGP15, GRR16, dGFDL16, HBP+17, JCYT16, KBJZ15, KSZ19, Kit10, KQ17, LAL15, dPLV19, MM14, MRY17, MKNS06, MAEL19, MD16, NVPGMPS17, PXT+13, PMB15, RHL+17, TAF+17, WNC17, WRdNS+13, YLA16b, ZSG16, ZGYS+15], mappings [PH05]. mapreduce [KC16, BGTC18, TLK16b]. maps [BAAS13, DEA+14, KOS15, LWC13, OD17, PSMB01]. MARBLE [PCCLdGP12]. March [WZM12a]. margin [KB18]. Mark [Dol97]. market [HRN+01, LLL06, TY18, ZG07]. market-driven [HRN+01]. Marketing [FF87]. marketplace [Jør14, KBRV18]. Markov [WFY+19, AMAY19, BHXN05, LCL15, PP04, WCC13], MARKS [ALT+09]. MAS [GCC+15, dVRB13]. MAS-ML [GCC+15]. mashup [LLX+11]. Masquerade [RZPM12, XTXZ12, XTXZ13]. Massachusetts [LZ07], massive [CZH+08, LWZ+16]. Massively [KM92, Dan17]. Master [MII89, TE99]. match [CL98, CL06b, CLLC96, KK07b, LC00]. matched [KPT13]. Matching [Kor83, BKLE18, Cha93, CJL11, HBJ+99, HDKL00, KOL14, LCCH02, LZG07, MMTL06, MPN+17, Mus03, PP99, WWLG13, YJZ17, Zhu03]. matching-based [LCCH02]. Material [TR89]. materialized [GLWY10]. mathematical [Woo80]. Mathematics [Gla96e]. mating [KHSD10]. MATLAB [HSR01, ZC08]. MATLAB/Simulink [ZC08]. matrices [NBA+17]. Matrix [CBK96, KL96, HSR01, TK14, WWCG98, HTH09]. matters [SV08]. Matthew [YAY13]. maturation [Gla98b]. maturing [FMRM15]. Maturity [PM90b, Pf95, BRS+18, CS19, FFdRG+14, Gla97]. GTF15, GTF17, NZ05b, RH02, SJK07]. maturity-based [RH02]. Maude [ABS19].
Maven [RvDV17]. maximization [YXP+18]. maximize [PC01, PAR14].
maximizing [KHSD10, TYH04, YYWW07].
maximum [LGS+19, WFY+19]. may
[AS10, EED16]. maze [LLC10]. MB [VA08].
MB-UID [VA08]. MBASE [VM07].
MC [YL06]. MC/DC [YL06]. McCabe [Tak97].
MCPs [CD10]. McTorrent [HSS10].
MD4 [VA08]. MD-UID [VA08]. MDABench [ZBLG07].
MDD [PFF12]. MDE [DV10, GDFPP+10, HZH+16, HBOS13].
me [AS10, EED16]. mean [JIS03, KTK01, TTL10].
Means [Esk89, LKJR10a, LKJR10b, CCGG14,
FSGYP17, KRDH12, YL16, YGN+16, ZDC+11, ZSB19].
mechanisms [AK08, AJCM08, CJK09, CYT16,
GRRX01, IBP03, JCDJ99, KR98, KBRV17,
Lin00, McB08, SdSLS+19, SMCL96, SC19].
mechatronic [DZRH04, SFSE05]. media
[CDC09, SM03]. median [LCLF13].
mediating [JC10, KP10]. Mediation
[BDBLP15]. mediator [CDS93]. mediators
[BJK06]. Medical [UUN11, AQQ11,
AMK12, BBG09, FNN11, HTH13, KSR10,
KRDH12, LWK+03, ZDS+15]. Medicine
[Col92]. medium [VA17, dSdMSNO+14].
medium-sized [dSdMSNO+14]. median
[JC10, KP10]. Means-ends [LKJ10a, LKJ10b].
Measure [BE81, BAL81, DDD14, HCS87,
MM92, Rey84, Tak97, BLLL11, CCM109,
CD12, RO09, W110]. Measured [Gla90a].
Measurement [AR90, BBE+90, BF81, BK95, BF90, Cav84,
Cha95, CA08, DR92, Het95, LS05a, Mac91,
Mor99, MK93, MUS08, PW10, For93, RUV92,
Rus90, SCD93, TPS97, Tua99, V883, AP09,
A12, BW01, CLB05, EAH+11, EBA13,
GPMII3, GTF15, HLS08, HRZ06, KMK16,
LORB03, LAT10, NLS+07, P99, QGZ+15,
SMR09, SM16, T90, VM98, VK08, Xa00].
Measurement-based [LS05a, BW01].
Measurement-Driven [For93].
Measurements [Hon90, Gok90]. Measures
[BBC+88, BK85, FM90a, LV97, MTG92,
BDO11, BAMA17, BLP09, BWDP00,
CcdA018, CKM06, E00, Fg00,
FMD16, HH08a, KOL+14, MSGGL12,
Moo98, PSM01, WK00]. Measuring
[AR90, BTV06, BPS18, CAA88, Cio91,
DNN93, FRF98, Gon95, HBBH10, HWHT11,
HL98, JST10, LCO9, LS17a, MA89, SV08,
Sh94, T281, WLL15, ZLB10, DJ05, LO8,
LCM+04, nPHW+16, PEO11, TPGds13].
Measures [HB89]. Mechanism
[BH83, BDBLP15, CL98, CO98, CSGL05,
CL13, FPW96, GAWW07, HCO01, KKG+12,
KBRV18, LQLC16, LZG15, PC01, SM17a,
SK1170, TY18, WGY+08, WCX15, YL16,
YGN+16, ZDC+11, ZSB19]. mechanisms
[AK08, AJCM08, CJK09, CYT16,
GRRX01, IBP03, JCDJ99, KR98, KBRV17,
Lin00, McB08, SdSLS+19, SMCL96, SC19].
mechanisms [DZRH04, SFSE05]. media
[CDC09, SM03]. median [LCLF13].
mediating [JC10, KP10]. Mediation
[BDBLP15]. mediator [CDS93]. mediators
[BJK06]. Medical [UUN11, AQQ11,
AMK12, BBG09, FNN11, HTH13, KSR10,
KRDH12, LWK+03, ZDS+15]. Medicine
[Col92]. medium [VA17, dSdMSNO+14].
medium-sized [dSdMSNO+14]. median
[JC10, KP10]. Means-ends [LKJ10a, LKJ10b].
Measure [BE81, BAL81, DDD14, HCS87,
MM92, Rey84, Tak97, BLLL11, CCM109,
CD12, RO09, W110]. Measured [Gla90a].
Measurement [AR90, BBE+90, BF81, BK95, BF90, Cav84,
Cha95, CA08, DR92, Het95, LS05a, Mac91,
Mor99, MK93, MUS08, PW10, For93, RUV92,
Rus90, SCD93, TPS97, Tua99, V883, AP09,
A12, BW01, CLB05, EAH+11, EBA13,
GPMII3, GTF15, HLS08, HRZ06, KMK16,
LORB03, LAT10, NLS+07, P99, QGZ+15,
SMR09, SM16, T90, VM98, VK08, Xa00].
Measurement-based [LS05a, BW01].
Measurement-Driven [For93].
Measurements [Hon90, Gok90]. Measures
[BBC+88, BK85, FM90a, LV97, MTG92,
BDO11, BAMA17, BLP09, BWDP00,
CcdA018, CKM06, E00, Fg00,
FMD16, HH08a, KOL+14, MSGGL12,
Moo98, PSM01, WK00]. Measuring
[AR90, BTV06, BPS18, CAA88, Cio91,
DNN93, FRF98, Gon95, HBBH10, HWHT11,
HL98, JST10, LCO9, LS17a, MA89, SV08,
Sh94, T281, WLL15, ZLB10, DJ05, LO8,
LCM+04, nPHW+16, PEO11, TPGds13].
Measures [HB89]. Mechanism
[BH83, BDBLP15, CL98, CO98, CSGL05,
Message
[Hae94, MF90, MW08, AN16, BKRW19, CL18, EEAZ13, HYC04, JEE16, SV12].

message-driven [BKRW19].

Message-Passing [MF90, CL18]. messages [BHRV18, KPS10]. messaging [RA16].

meta-analytical [Mil00a]. meta-heuristic [SMDM05].


meta-synthesis [rBHM17]. meta-tool [ZGH07].

Metadata [DI05, FC96, SGL93, BQP10, CDS07, GAKF13, VRPT18, WFWL09].

metadata-based [GAKF13].

Metadata-driven [DI05]. metaheuristic [HBT16].

Methodologies [Gla96f, TOYI95, ABC13, DDMP14, DNB12, GR05, GPHS07, HBJ99, ISM11, KY92, KLMC06, MMTL06, SDG17, TLK16b]. Methodology [BY85].

Methodology [CS16]. Methodological [BHM12, CS16].

Metamodels [BHM17]. Metamodel-driven [EVA83, Gon95, Har88b, HS95, KAL97, MK90, NC96, OHS93, PS90, RY93, SKV94, vS83, AL05, CJP98, CC08b, CRC19, Hus01, KAS13, Li98, Li99, MK15a, NJ07, RC94, RB89, dAGSdFS15, TDW14, CPX16].

METKIT [WBR90]. Metric [Eva83, Gou95, Har88b, HS95, KAL97, MK90, NC96, OHS93, PS90, RY93, SKV94, vS83, AL05, CJP98, CC08b, CRC19, Hus01, KAS13, Li98, Li99, MK15a, NJ07, RC94, RB89, dAGSdFS15, TDW14, CPX16].

Metric-based [PS90]. Metrics [AM94, BH90, BST93, BC91, BN90, BC94, CRV94, CL95, CBOR88, CR90, CMP85, MM06, NDM80, PDMH13, PJ09, PWW10, PW10, PWC12, RFP10, RSB16, RBW18, SNBH08, SI12, SC00, SCwY12, SKE10, SPLW17, SSP17, SGC17, SHT16, SBB16, SOC13, SK04, SS07, SZW16, SM16, Sna14, SNDD19, TVMS18, Tho06, TB13, TCT18, TC11, WJ99, WTHH08, WJT09, WCLL10, WK88, WDMR99, WCB17, XSL18].
DS92, Deh90, EL94, Gla89f, Har90a, HL90, HG91, KH81, KML94, LH93, Moh81, MV93, MM93c, Myr90, NB93, OKOM97, OC90, PM90b, Pf95, PSZ17, RAC90, Rey84, SN91, Sed93, SI94, SS98, VM93, Wha90, WSD81, YNDS88, ASGJ13, AAM16, Am100, AAC+17, CGP+05, CKL09, CDDF99, CPRK13, DLW08, DMSG11, EMM01, FN99, FBB+12, FN00, GPMI13, GS07, Gur01, Har04, JKD02, JK04, Kit10, MJF10, MMC05, MD89, NVPGMPSM17, Rey89, RB89, dAGSD+15, SV08, SL08, SC01, SPSM03, TQ05, TVK94, WG05, ZG00, ZXL10, Har90b, LGM+18.

metrics-driven [Rey89].

MFCVQ [YWHL11].

MFCVQ-based [YWHL11].

MHS [WFWL09].

Micro [HC87, FMR11, HLL01b, LVVT17].

micro-optimize [LVVT17].

micro-payment [HLL01b].

micro-structures [FMR11].

Micro/Macro [HC87].

microaggregation [CLH07, LM13, LM15].

Microarchitectures [OK94].

microcode [TVK94].

Microcomputers [MIH92].

microcontrollers [LKP13].

microgrids [AMCC14].

microkernel [KLGH07].

microkernel-based [KLGH07].

microservices [AIE19, DLM19].

middle [TSL+11].

middleware [ALT+09, AGBD14, BMLeL14, CCN+10, CDRT13, DGV+07, DIB14, DLB04, HBG+13, HWLM11, KBBM05, KSCH14, LGLO8, LC11, MKS10, MDp+11, RLY+13, RMD11, SDG+07, TLK+16a, TDK+07, TMD07, VP07, WCLK07, YZ05, FS14b, KLL+11, VSDD12].

middleware-based [LGLO8].

midwest [Wen03].

Migratable [MKMS05, GMMC13].

migrating [FGB+19, CCDD00, CFFT08, HL01].

Migration [MM95, CLC08a, DG98, FGLI15, GDLB16, GWdO8, ISS98, RRM17, TW98, UZ09, YTW+13, rBHM17].

MIH [OZO+14].

MIH-based [OZO+14].

Mikhai [Ano90d, Gla90c].

Mil [Coo81].

Mil-Std-1679 [Coo81].

millennium [MG04, Sai99].

MIMD [ZEB88].

mind [OD17].

mindfulness [BDPRC18].

mine [Gla86].

Mind [LGS+19].

Mind/Maxim [LGS+19].

Mining [LLS+96, LT+09, LLJ+12, LLL+17b, MKHLB16, VMB+08, Wu11, YHHR03, ZM18, CTLO8, DS12, DZW+09, GNA17, HSC15, HWL13a, KAS18, KLNS07, LL09, LPR04, Lin16, LZ12, LW13b, LWBH16, MG11, MdFD+15, NJ17, NDS13, PCCdGP12, PWA+19, SOS+18, SHS+07, SAH12, SJC13, SLLY17, SYXL17, TTWY04, TLK16b, TL07, TL09b, TPTV17, WLC13a, YF15, ZMB14, ZJL10].

Minnowbrook [Ano84c, Go89].

MIP [GP05].

mirrored [VM00].

MISSION [Jef87].

misinterpretation [Cio91].

misleading [Gla86].

mismatch [MARD16].

miss [BMZ13, BSKSM14].

missed [SPMG18].

Missing [IAA16, JZJ11, DZ00, SCGL+18, SA06, TC16a, VK08].

Mission [DB86, CCN+10, DGV+07, LJS05].

Mission-Critical [DB86, CCN+10, DGV+07, LJS05].

mistakes [Mül07, SCMS15].

misuse [EA12, EA14, KOS15].

misuses [WLZ+17b].

Mitigating [SMZC12, SKZ+04, LMT16].

mitigation [WAWO12].

mixed [CCSC01, CAG17, LKL02, LWSH19, LGHR16, MMTS15, NI13, PGPC17, TB13, XB19].

mixed-criticality [LGHR16, PGPC17].

mixed-method [LWSH19, TB13].

Mixing [GDFFPG+10].

MKH [CLLC96].

ML
[ASV+16, AAH10, CBS16, CL13, GBE11, LLHY19, PMMMI11, AR12, AN16, ARS10, AAH12b, AAN11, AAM+17, AGBD14, BGS+16, BHAM09, BMES04, BCF18, BGG10, BJK+11, BND14, BSSD14, BDM+19, CDA11, CcAdO18, CTL12, CMK+11, CLC08a, CWK10, CC99b, CJ03, CRKH11, Chr16, CMNA+09, CGPT14, DIB14, DPM07, FIGCLN+02, FRGC10, GM+09, GRBNA10, GTA09, GNA17, GFP11, HLYL06, HLT09, HL06b, IB11, JED18, KAU16, KSHC14, LCY00, LK04, LKWP+09, LNY06, LLK04, LRS+07, LK04, Lnt07, LL14, LZZS11, LK14, MDP+11, MK08, MT13, NKL05, NOPF12, PLV18, PSH06, PJ09, PS09, PNN+15, PLHP+15, RHHT18, RT07, SM17a, SRWE10, SH14, SKE10, SHBC19, TM06, TG17, TKA+02, TKH+11, UIK17, VSS+11, VSDD12, VA08, VPL+10, WGC02, WBW+06, WF07, WM99, WHN+01, WCB+17, YC09, YSDT11, YH13, YL16, YZ05, YSK09, YGN+16]. mobile [ZSG16, ZK04a, ZSB19, FS14b, LY09].

Mobility
[BCEF10, AN10, BD10, CMS04, HLT09, KLL+11, LH11a, MEB+10, ME10, WB10]. mobility-enabled [AN10]. Mod [DT90]. mode [CGW08]. Model
[AHH+10, AA07, AHGS92, AHC93, Ara95, Bel93, BW93, BY85, BCF92, CD07, DPP+18, EBE18, EL94, FZHS95, FSA78, FA194, Goe80, God09, GWvD08, Ha89b, HZ83, HB83, HVK11, HH97, HO96, HFK92, Jar93, Je87, JB91, KP97a, KD91, KP97b, LM94, MKL+15, MGH97, MBPM19, MS190, OB13, PMR16, Ph05, Ph81, PBD+12, PH86, PL92, Poo93, Pop92, PL83, PL04, SL96, SDB16, Tak97, TZ92, UW95, Var91, VT87, WKD+19, WNM86, ZK85, ZC97, Ad13, Aki18, AK16, AdAD17, AF16, AAB19, BRB14, BSK+18, BXON05, BV15, BCR+19, BKR09, BHB+05, BGTC18, BCF18, BDDS11, BMB18, BR4+18, BBP19, B11, CCGdL10, FGB+19, CCC05, CC09a, CGL+04, CFAP17, CELS07, CPW98, CV14, CHL17, CL05, CMC04, CD10, Cho04a, Cho04b, Cho05, CC05, CC06, CH10b, CCGdL16, CHCO11]. model
[DEW+16, DLW08, DK15, DGL+08, DGJ+03, DGW16, DCT17, DM17b, EJ01, EVR11, EUR+13, FDÁM12, FGMM17, FVHF+15, Fe12, FKWH91, FB09, FAL13, FWA09, GSM19, GMR08, GMPN16, GMR17, GKS18, GD12, GRT13, GMS07, GTF15, GAWC19, DDF+13, GEM15, Ha68, HT09, HP16, HAI10, HZH+16, HAHH06, HKN+07, HK09, HMC98, HLWS13, JPKP04, J06, JBSL12, JS09, JHSB09, JPCdD17, KP10, KBHG17, KRK00, KBH07, KLL17, KD18, KB16, KC98, KSS15, Kuo94, KLHO07, LJ16, LK13, LKRTS18, LP93, LS17b, LPM15, LJA+11, LAHS97, Li80, LM96, LZ06, LT08, LXC13, LLL+14, LH01b, MCB00, MR01, MJ14, MGB16, MA09, MAG12, ML16, MPR14, MV11, NHC13, NR04, NWZ05b, NPC12, NMO8, NB13, OOD09, PLC09, PG05, PK02b, PB15, PCHW12, PRS11, PCFRP19, Phi06, PHR10, PRRQV12, PW03]. model
[RK15, RRHT18, RKK16, RRT01, RRM17, SAMN12, SAM17, SFBM16, ST13, SDG17, SZ98, Shy03, SXYW14, SSP17, SS14a, SW99, SM08, SZW+16, SGEK19, SFMM99, SL17Y, SYMM11, SS13, Tan04, Tan00, TJIH07, TKJ13, TAF+17, TN05, TSC04, TTR+13, TGP11, TSRC18, TMB02, UZ09, UIK17, Uzz13, VM12, Vla98, WHL89, WW09, WKLZ10, WDC12, WWSZ15, WTG+15, WD99, Wau19, WZM12a, WZM12b, WBS+10, WGS+14, WSSS13, Wou08, WCC13, XTZX12, XTZX13, XB19, YFZ+16, YC12, YCF+13, YHM+14, YF15,
YLY+06, ZML10, ZEO3, ZLCY06, ZM18, ZykP01, Zhu03, Zhu04a, Zhu04c, dCPV10, AJCM08, FdOdL04, MYZC06, nQYD11, RSCB18, WFPY+19, Zha08]. **Model-Based**

[EL94, AA07, CD10, DP+18, Gok09, OB13, SDB16, AA19, BRB14, CFAP17, EUR+13, FVHF+15, FKWVH19, GKS18, KSS15, LLL+14, P.GO5]. **Model-Driven**

[Jar93, PMR16, GWW+08, HKV11, PBD+12, AdB13, Aki18, BKR09, FGB+19, FDAM12, FA13, GMPN16, GMS07, DDF+13, GEM15, HP16, JPGdL17, MGB16, PGRQV12, RRM17, SAMN12, TAF+17, TGP11, UIK17, VM13, Wau19, WWSS13, AJCM08]. **model-free** [WDC12]. **model-oriented** [LM96]. **model-to-model** [CCGdL10]. **modeled** [GJ08, MMP15]. **Modeling**

[AAMS14, ABB15, BPGS13, BCF18, BT97, CS01, CB91, CUY09, EL07, Eva95, FS88, FF95, FM87, Gu1996, H0T97, HA03, HLC+09, HYJL04, JX07, JLC04, Kun91a, Kun95, Ma196, Mer87, Mil96a, Mot96, PLM07, PG15, Por93, RCSD93, Sak84, San95, SB14, SMB94, Sta83, SP94, aSRS+10, TAF+17, VPdP13, WC99, WFZ96, YLXZ16, Ze96, AHW10, AGC13, APS+10, BM18, BKH10, BDPRC18, BCV06, BW80, BT17, CCG+01, Car94, CW02, DMA18, DY99, DGRN10, DB06, DL99, EZRK16, FBB15, FCSM09, FCB+16, GH04, HR95, HCC91, HGMB13, Iso01, JOZ03, JZ05, J10, Kar04b, KMR99, KJS+12, KPS08, KKL+11, KMKY07, KSS03, KEK04, KEDEK04, Kun11b, LP93, LH04, LGH+17, LS09, LDL07, LHC+05, MB19, MV10, MGR+13, MNSA15, MNSA16, Nae01, Nav92, OD05, PS05, PPMM17, Phi04, PAS+10]. **modeling**

[RT19, RK00, SA14, SAMP+16, SZ06, SKL10, Sca99, SRDLCP09, SJ17, dSSV11, SK13, SWES16, TB13, TGP11, TBP+08, VRPT18, WPC06, WKK09, WSJ14, Xia00, YWT07, YAKK16, ZHO5, ZMK12, BBA10]. **Modelling**

[CHN19, CBG09, Cla86, CP97, ELK06, GPHS07, Hač86a, KNT86, RW01, WB15, WMOKY11, AD14, BRS10, Cic16, CFN07, Cw05, CdL18, Di01b, ETY15, GV99, GCC+15, KLRW01, KMK16, MPS+12, MPLL+15, PC10, PL99, PH07, PSS+09, RRW00, SB17a, SS15, SG01, TTR+13, VKL16, Wa05, WL99]. **Models**

[CLO95, Dha95, FWD97, FAS94, HS95, KMMG91, KL91, KW91, LV97, LL97b, LPLS87, MBCD86, MS97, MD01, MT094, Pf95, PS16, Sta85, Tra92, Tr090, ZEB88, APM+14, ASV+16, AMCC14, ADET12, AKA+15, AGBO2, AF16, AGR19, AB130, AGCS+08, AMGG14, AK15, BGO9, BAM17, Bi03, BGLG13, BWH10, BLOS06, BSG+18, CdAM+14, CCG+18, CFP+05, CHN19, CLS+12, CPD+18, CRK+18, CFM+16, DCG16, DRELHE16, DA07, DZT+14, EA12, EA14, EG+11, FDAM12, GVPMP18, GLBO, GGvH18, GTA14, GMS07, HGBS18, HJH10, HBT16, HBVGO8, HFC+01, Hua05a, Hua05b, IWF07, JED18, JHSB09, JZ07, JK12, KSH05, Kim12, KLB15, KM13, KH06, KV05, KTF+16, LWB+13, Lin01, LH08, LHP+09, LHP+10, LHLG+15, LMYMGT08, MMW12, MGB03, MDFG08, MSGL12, MA08, MA10, MPAA15, MHSM99, MO84]. **models**

[NNH+12, NG08, OWFP07, PMR16, PN14, PPG+13, PS00, PFP12, PP04, RSB+14, SC99, Sai07, SPS17, SF04, SKWO, SNN19, SG013, SH07, SPSM03, TPH+06, THGL07, TTT+13, TVK95, TKER14, TGE17, VMB+08, Wa05, WMW12, WPP+09, YAKK16, Ze09, ZYA+18, ZKL+09, LJH10]. **Modern**

[YCA17, BM00a, VAM+10, Gla93h]. **modernization** [CRESF+13].

**modernizations** [SdSLS+19]. **Modes**

[Sub93, Fug99]. **Modest** [Mat86].

**Modifiability** [LBvVB02, Loh84, LBvVB04, CFPRC+18, LJH10]. **Modification**

[AHGS05, HCS09, LCLF13]. **Modified**

[PH86, CJT01, EEAZ13, THGL07]. **Modify**

[KFS+02]. **Modify-on-Access** [KFS+02].
Modular [BRS10, DBL +18, DXPY03, EL88, FW90, HCC91, HL06a, SnDD19, dRT06].

Modularity [VHFF +17, dB12].

modularization [NMM13]. Modularized [HL00a]. Module [Arc81, Bow84, Loh84, OHK93, PDN86, RS00, ZGS93, EB14c, KS16, Leu97, LHC +05, MR00b, PKR01, TM98].

modules [BMSB94, KL95, PBC93, BT05, EE08, KT03, LC06a, MTF14, MA17, MTF14, MA17, SH98, TNAA01, XNP07].

modulo [SYT +17].

modulus [CSW13, LC10, WWTH08].

Mojave [BCBZ14].

moment [GJ13, TPKT12, yWpNyL11].


monitoring [DFCPSF15, H096, LCF +06, TJ +18, YRN80, BRG +12, CZdV98, CLY17, CLF +13, ES14, JR15, KKG +12, KLL +11, MLLK11, MB10, OM13, OA08, PX15, RGV +17, SYBN12, SNI +16].

monitors [HL00a]. monotone [SD16a].

MOO [dRSBA13]. Moral [Col92, Lue92].


motion [ZEY04]. motion-based [ZEY04].

motivate [BVC +14]. Motivating [LMWM18].

motivational [MP +12, dSF12]. Motivators [BH02, BH03]. move [TVMS18].

movement [NCS10, TL09b]. moving [IBM11, KLL +11, LPR04, LSZ +07, Lin12a, RVM06, URG10]. MP [CM86]. MPEG [DK08, DK08, Ng99]. MPEG-7 [DK08, DK08]. MPI [DCH02]. MPLS [CThW12, LL10]. MPSO [JHSB09].

MPSO [NEM17]. MRP [LJJP09, MM00b]. MRRL [ED06]. MSc [BHR89]. MSc [ML98]. MUDBlue [KGMI06]. MULAPI [XSL +18].

[ÁRM16, BLS18, CTL10, DMA18, FMdAR16, GRT13, HM16, LAT10, LyWSZ10, LKL05, MS17b, MK15b, PSS +16, SRWE10, SFJ04, WGY +08, WDMR99, ACL13, ÁGBYB +14, BBG +04, BV15, BPO +16, BM17, BWMO6, BCS18, CCW02a, CET +08, CL10, CW12, CW14, CYT16, CKC15, CAG17, CNKL12, CV16b, DCH02, FHL +15, FMP09, FWTC05, FFV19, GMPN16, GCC +15, GAWW07, GZ +18, GGM11, HCB +16, HLW08, HSM16, JZL07, JLY14, JXLC15, JS16, Jun00, KBJZ15, KM11, Kim12, KSH +12, KAM13, KS16, LHJ10, LBS +07, LcLsW06, LKP13, LS14, LMG10, LSH09, LJSN6, LQC +14, LZG15, MLHL12, MLJV18, MMZ +16, MGB16, MIBV14, NX500, NCW +19, OKS +15, PLCC09, PB15, PCHW12, PK16b, PGPC17, PA99, PWA +19, PHBJ16, RMC05, Sal17, SPTM15, Sha09, SIO13, SISC16, SA18, SZ13, TKP +18, TLL12, TL09b, WVT +14, WC07, WDC12, WCX15, WCV +98, WWT10].

multi [YFZ +16, YCF +13, YCC16, YLXZ16, YH10, ZMB14, ZJZ +17, ZCC +17, ZP17, fLSN18, AKAA18, CD10, MKL +15, ASC16].


multi-category [YFZ +16]. multi-channel [MLHL12]. multi-class [GAWW07].

Multi-cloud [MS17b, CAG17, WCX15].

multi-collinear [LXG10].

multi-component [BKS18]. multi-core [CTY16, CKN15, FHL +15, KSH +12, LS14, PGPC17, WX10, ZCC +17, fLSN18, CD10].

Multi-criteria [FMdAR16, MK15b, PB15, AKAA18].

multi-device [BBG +04]. Multi-devices [SFJ04]. multi-dimensional [CCW02a, HLW08, LcLsW06, LQC +14].

Multi-disk [LKL05]. Multi-faceted
 networks
[TQ05, TPN+09, dBTdSS08, TL07, TL09b, VVS99, WF07, WGY+08, WGW+09, WHYT06, WMD+10, WMOKY11, WCC13, WOC15, XZP+10, YZ05, YSK09, ZADM10, AAJD+16, CDRT13, DFCPSF15, GMGTdFR14, SXYW14].

Neural-network-based [SH07].

Neural [FWD97, KL95, LMA15, SH07, CCW+01, CE08, DBL+18, DRCG12, EEAZ13, KRCK08, KR16, TQ05, dBTdSS08].

Neuro-adaptive [LCF+06].

Newcomer [TTC18].

News [CT08, KP10, LHLY05, LQC+14, TPTV17, WKbOS17].

Newsmonger [MK00].

NFV [KMK17].

NN [SSCL08, Zha12b].

No [Ano87d, SBAH17, ED06].

No-state-loss [ED06].

NoCs [MV10, MV11].

Node [IMMY95, CLY14, MK08, NJ07, TLK+16a].

Node/ [TLK+16a].

nodes [BMES04, BK11, GAT15, MKRO14].

noise [CSK15, DEA+14].

Noisy [LZ12, VK08].

Non [ABB15, HY01, KW00, Sch91, ZCT+11, CTKT13, Glao96, Glao00j, KWEK99, KMS09, LC07, MLB09, MPAA15, MJZ+10, NSDI16, PN14, PC01, PGRQVV12, DM07, XZAR06, ZXW+08, ZLD13, ZL17].

Non-blocking [KW00].

non-coherent [PN14].

non-copies [Gla00j].

non-dedicated [ZLD13].

non-determined [ZXW+08].

non-formal [CTKT13].

Non-Functional [ABB15, MLB09, XZAR06].

non-goal-oriented [Gla96].

Non-linear [HY01].

non-orthogonal [LC07].

Non-parametric [ZCT+11, MPAA15].

non-perfect [DM07].

non-real-time [CCSC01, KMS09].

non-redundant [PGRQVV12].

non-repudiation [KWME99].

Non-Sequential [Sch91].

non-stationary [MJZ+10, ZL17].

non-uniform [PC01].

Nonblocking [WM96].

Nonrepudiable [HWW01, YTH04].

Nonuniform [PH93, SC08].

Norm [BT05].

Normal [SKS96].

Normalization [Mil98].

NoSQL [DII+17, DK15b].

Nosv [RQD+17].

Notable [Spi01].

notation [HCL12].

notations [HRD10, OFR+12].

note [Ano11m, Ano17m, DD01].

notes [ZXG10].

Notification [HR96].

Notion [Tai93].

Notions [Mot96].

Novel [CNSG12, HBT16, KSRD10, WL07, CNL13, CH10a, CBZ+16, DS16a, GSN+15, HLLS13, KB09, KR17, LC10, LHH10, LHC+17, LWXZ10, LNW+11, LNY+11, LWW+10, LLC17, LY18, MCC+18, MRBN17, OY16, PZB10, RJHHK08, ST13, nSFL05, SS+09, SP+15, TVMS18, jT12, TTWY04, TCO04, TW07, TT13, TTT14, WGZ+12, ZGL+10].

novice [CCP18].

Novices [YN91].

NPath [MM92].

NPP [KSS03, YS02].

NT [AS01, LCH+04].

NT-SwiFT [LCH+04].

nuclear [YKC+05].

nucleus [HHC12].

null [CBSM16].

NUMA [CYT16, WWC97, WWC98, WWC00].

Number [Cai98, MIUM12, MM01b, SY+17].

numbers [ANC11, Glao95j].

Numerical [LJ16].

numerically [EMBS17].

O [FTC16, KL96, MD91, SMZC12, SC19].

O-intensive [LP05].

O/A [KL96].

OIFS [PNY14].

OASys [Vla98].

obfuscation [CY04, CDP05, KJ04].

Object [AC97, AHG93, ACDF01, Bar94, BW93,
BC94, CGL+04, CH94, Dav95, EHS93, ES97, Gla96g, Iso01, JB91, JH99, KO95, KS96, KSW93, KN97, Kun95, KGH+96, LH93, MWH98, MSI90, Mil96a, MO90, MD89, Moy96, NC96, Ng93, PM90a, PBC93, PD98, RA96, RMC93, SW93, SCG+93, Sei89, SW94a, Sta93a, Tai93, TL96, UW95, WRW93, ZZ88, Al 12, BK95, BPSK18, BWDP00, BF96, Car94, ÇZUB99, CPW98, CLSC98, CC94, CL04a, CZC+18, CL15, CL17b, Cho04a, CdL18, CCMOM19, DRSR03, DSA+04, DHL06, DIP98, EKV05, EMM01, EVR11, EB14c, FBB+12, FN00, FTSC12, FCL+00, FS05, GRRX01, GV99, GJP96, Har97, HC900, HL94b, Ja99, Jun00, KAS13, KMSMD08, KLT07, KCR16, KC98, KR16, LS92, LP93, LSZ+97, Li98, Li99, LS07, LFY+99, LJS05, MLB09, MJ14. object [Mat96, Mer13, MT98, NQ98, OAC11, OB13, PL94, PSMB01, Phi04, Phi05, PM94, Pon03, Pon05, QK08, Raj94, RR98, RS00, Rom99, SPK99, SBNHO8, SKL10, SH17, SW96, SSSA17, SSS17, ST01, She02, S98, SMCL96, SK02, SC01, SPSM03, TA02, TQ05, TK00, TMD07, TH02, TL07, TL09b, UhCLS94, VTZ+17, WT01, WK88, WDMR99, XNP07, YLC18, ZEY04, ZL07, ZXL10, Chu97, Gla93c, Gla94f, Got93, GHKR04, dAGSdFS+15]. Object-based [CGL+04, BK95].

Object-linking [FPW96].

Object-Oriented [AC97, AHG93, BC94, CH94, EHS93, JB91, KO95, KSW93, Kun95, KGH+96, LH93, MSL90, Mil96a, NC96, Ng93, PM90a, PBC93, PD98, RA96, RMC93, SW93, SCG+93, Sei89, SW94a, Sta93a, TL06, UW95, WRW93, ACFD01, Bar94, Dav95, ES97, Iso01, JH99, MO90, MD89, Al 12, BK95, BPSK18, BWDP00, BF96, Car94, ÇZUB99, CPW98, CLSC98, CC94, CL04a, CZC+18, CL15, CL17b, Cho04a, CCMOM19, DRSR03, DSA+04, DHL06, DIP98, EMM01, EVR11, EB14c, FBB+12, FN00, FTSC12, FCL+00, FS05, GRRX01, GJP96, Har97, HC900, HL94b, Jun00, KAS13, KLT07, KR16, LS92, LP93, Li98, Li99, LS07, LJS05, MLB09, MJ14, Mat96, Mer13, MT98, NQ98, OAC11, OB13, PL94, PSMB01, Phi04, Raj94, RS00, Rom99, SBNHO8, SKL10, SW96, SSSA17, SSS17, ST01]. object-oriented [She02, SS98, SMCL96, SK02, SC01, SPSM03, TA02, TQ05, WK88, WDMR99, XNP07, YLC18, ZL07, ZXL10, dAGSdFS+15, Chu97, Got93].

Object-Orientation [She02, SS98, SMCL96, SK02, SC01, SPSM03, TA02, TQ05, WK88, WDMR99, XNP07, YLC18, ZL07, ZXL10, dAGSdFS+15, Chu97, Got93].

Object-Oriented [AC97, AHG93, BC94, CH94, EHS93, JB91, KO95, KSW93, Kun95, KGH+96, LH93, MSL90, Mil96a, NC96, Ng93, PM90a, PBC93, PD98, RA96, RMC93, SW93, SCG+93, Sei89, SW94a, Sta93a, TL06, UW95, WRW93, ACFD01, Bar94, Dav95, ES97, Iso01, JH99, MO90, MD89, Al 12, BK95, BPSK18, BWDP00, BF96, Car94, ÇZUB99, CPW98, CLSC98, CC94, CL04a, CZC+18, CL15, CL17b, Cho04a, CCMOM19, DRSR03, DSA+04, DHL06, DIP98, EMM01, EVR11, EB14c, FBB+12, FN00, FTSC12, FCL+00, FS05, GRRX01, GJP96, Har97, HC900, HL94b, Jun00, KAS13, KLT07, KR16, LS92, LP93, Li98, Li99, LS07, LJS05, MLB09, MJ14, Mat96, Mer13, MT98, NQ98, OAC11, OB13, PL94, PSMB01, Phi04, Raj94, RS00, Rom99, SBNHO8, SKL10, SW96, SSSA17, SSS17, ST01]. object-oriented [She02, SS98, SMCL96, SK02, SC01, SPSM03, TA02, TQ05, WK88, WDMR99, XNP07, YLC18, ZL07, ZXL10, dAGSdFS+15, Chu97, Got93].

Object-Orientation [She02, SS98, SMCL96, SK02, SC01, SPSM03, TA02, TQ05, WK88, WDMR99, XNP07, YLC18, ZL07, ZXL10, dAGSdFS+15, Chu97, Got93].

Object-oriented [ARMC16, CV16b, FFV19, KS16, LHJ10, LY18, NCW+19, OKS+15, PSS+16, PWA+19, RRV19, YH10, ÇZUB99, MKL+15]. Objectives [ANB93, dRSBA13].

Objectives [ANB93, dRSBA13].

Object-Relational [Phi05, TH02].

Object-Z [GHKR04].

Observation [BWL99, CV16a, WHY+12].

Observational [YBE17].

Objectives [ANB93, dRSBA13].

Objects [MS97, PL96, WM90, CRC19, CD99, GAWC91, HL02, IBM11, IS03b, KLL+11, Lin12a, Pon06, RVM06, SM09, SJ17, ZMAER99].

Oblivious [MXZ11].

Obscured [M17b].

Observation [CV16a, WHY+12].

Observational [YBE17].

Observe [ZHS01].

Observers [JL04].

Obsolete [Hab85, Gla92c].

Obstacles [DCP12, GD16].

Observing [CHL+13].

Obvious [Gla95e].

OCCAM [BdADH94].

OCCI [MBT16].

Occurred [ZERO00].

OCL [CT09, CCR14, KBHG17, OT17].

OCL2Trigger [AJCM08].

Octopus [BSG12].

ODC [CR13].

ODCHP [PC01].

Odd [Ano94e, Gla94c].

ODMG [LLK05].

ODMG-compliant [LLK05].

Odyssey [BWM06].

ODCHP [PC01].

Off-chip [ELK06].

Offloading [AR12, ASV+16, DSGS17, RHHT18, YGN+16].

Offs [GA95, Bat08, SPCT18].

Offshore [SW+13, KNA11].

OLAP

[PKL03, SGW+15]. old [Gla95].

OMG
OML [OHH+10]. Omniscient [BLC+18]. OMT [HK98]. On-demand [HST15, DB12, HST16]. On-line [TN05, Çam00b, DWC17, FHY17, ZM06]. once [CB89a]. One [BMS11, CL97, FN86, LY09, Rei87, AAN11, JZ07, KMS04, KM13, LW13a, MT10, OR00, ZL12a]. one-block [ZL12a]. one-part [JZ07]. One-Place [FN86]. One-step [LY09]. One-time [BMS11, LW13a]. one-to-one [AAN11]. ones [Gla00k]. Online [SGEK19, VPL+10, CL17a, Dan17, GSM15, KH10, LCF+06, MCS+12, NKJT09, PTK00, TH05, YCWW15]. only [Gla98k, HRB12]. onto [AO16]. ontologies [FdSdP08, HS11a, LP+10, RRHC13, ZLT10]. Ontology [MCS+12, YSG17, AACT13, BLLGSM11, KSAR18, MJF10, OHS01]. Ontology-based [YSG17, MJF10]. OO [BDG01, CBKK08, JMM99]. OODBMS [HLMB07, LLK05]. Open [CF07, CdL18, FG94, Fug03, GPPT16, AW07, ACB18, ALRP16, BCG+14, CL15, DFCPSF15, DST+04, ESM19, EB14b, GDLB16, GW10, JBSL12, KTF15, KKT17, KHMA12, KK17b, KL07, LRD+19, MCCB00, MS+02, NPC12, PLLC09, PAB+17, PPS12, RA16, RNR17, SLS08, SA12, SM08, SSA08, SG12, TDK+07, VGSN18, WFF18, YLXZ16, YSC+06, ZE03, ZFY+19, CFMRL11, GL14, KGM06, LMWM18, LLS11, MP12, SH12]. open-source [CL15, KL07, RA16, WFF18, YSC+06]. OpenBSD [YSC+06]. OpenFlow [CCdR+16]. Opening [JBSL12]. OpenMP [DSGS17, NEM17]. OpenPGP [MBB11]. OpenStack [ZFY+19]. OPERA [CL15]. operand [LSC04]. Operating [ESRF19, SCK86, TT93, GPPT16, HK13, IBP03, PLM07, SRT+12, ST89, WW00, YSC+06, GAWC91]. Operating-system [GAWC91]. Operation [CH94, LWB+13, Lin14, WGZ+12, ZS01, ZH05]. Operational [ANB93, FAS94, LM03, RBM95, Bao05, OD10, OKMD12]. Operations [Ha091, NM93, RA91, DTZ+14, HL94b, KD18, PWY+16, TCSC04]. Operator [ILZ14, BLM+08, CV16b, HW17]. Opinion [GNA17, TPTV17]. OPNets [LP+03]. Opportunistic [HLMB07, BCLW11, NSA10, SCGL+18]. Opportunities [SBAH17, AZX14, ACW10, BDO11, CDPM17, LAH+16, MBL+99, Oja16b, SJF04, TVMS18, TE09, TC10, TC11]. optical [CB89a, LYX09, WGY+08, AT18]. Optimal [CY00, CL97, DXPY03, HL06a, LM13, PM99, Pha94, UH86, WXY+17, AM10a, CZdV98, CL17a, CSGL05, DDD14, Hua05a, JE02b, PK01a, WHL89, WDS09]. optimisation [GA13, PG05, PACH15, RRV19, WRTP+13]. Optimistic [BKS85, wLyLH97, CKyL98, JFG07]. Optimization [BRMA+09, Pot13, ADMS+10, ALRP16, ARM16, BLM10, BZ14, BAF+14, CDC09, CPYZ14, CHL04, CK02a, CAG17, CV16b, ELHC13, GRT13, GCSAddP11, KHS10, KAM13, LSE12, LCL12, MCL+17, MdOBW15, MBAG11, MAG12, MRJD+12, PS15, PCC02, PK02c, PRN17, RCVB11, RGH17, Sa16, Ski13, SGO13, SWES16, TJH15, TXLC12, TDW+14, ÜDUG04, XJZ+15, YTW+13, YYWW07, ZCT+09, ZYZZ14, Zha16, dCPV10, dRSBA13, vdBK94, AZ11]. optimizations [VP+07]. optimize [AN16, AKL14, LVVT17, MS03, MAS13, RMCH+14]. Optimized [DHC+11, DRCR12, GWW+11, KCV11, YF15, ZDC+11]. Optimizing [HYC02, HLL01a, LQW+12, QOLJ16, BM18, CTD13, CCSC07]. Optimum
[AF96, Ber91, CBO98, IKCN91, CBT+94, EGM+91, Kam95, PK89]. owned
[GAWC91]. owners [GZS+98]. ownership [CL08, HH06, Lin01]. Owns  [Har95a].

P2P-based [ZXTT11]. PAC [CHL05].


Packaging [Bas97, VJB06]. packed [LZL+18]. Packet [GFP11, ELK06, FGBC10, HHL06, HCC05]. page
[CN04, LCH02, LSa01]. page-coherent [CN04]. Pager [WLC95].

Pages [DH13, Pon06]. paging [HH05, WW00]. pains [EZG15].

pair [CCG+07, CRSS14, ML05]. pair-programming [CRSS14]. paired [LWH16]. pairing
[BBC98, RLZ+18, Shi10]. pairings [Sha07]. pairs [ML07]. Pairwise [LPP15].

PAL [KK07a]. PAL-based [KK07a].

disa [CPP10]. Palladio
[BKR09, FSPH96, TKCR14]. palm
[WLL+13]. PAM [TKSRP11]. panacea
[Ml04]. panel [BHH+05]. paper
[Gl00a, TZ12]. Papers [KT16, An092d, An093b, An093c, An093d, An096m, An092a, An092b, BCL+18, Bor12, CL11, DHKV06, GH08, LH12, Mar81, Sa09, VE03, Gl06]. para [BG09]. para-consistent [BG09].

Paradigm
[GH91, Sa94, DMA18, DGT+03, EL07, LJS05, LJM96, MB09, SPP99]. Paradigms
[Moy96]. Parallel
[AT97, BP86, Bo93, BA96, FG93, Fra86, Hae86a, HLe94a, Hay96, IMM95, JTW17, KM92, LZL97, MHE05, MPS86, MIH92, RT86, Sho91, SP94, Tan96, Wou93, WNW96, ZENA93, AHW10, BAI+14, CLX+04, De 97, EMB17, GE15a, GTY12, Has98, HCC91, HBVG08, HSR01, JE02b, LF91, LZY+15, MCC02, MCC11, OFWP07, PDB18, RG10, SK03, SMCL96, SU98, SPDT06, T2L16b, W01, WWY11].

Parallel-Processing [Hay96]. Parallelism
[Bau86, FN85, TP86, CBL+15, HH00, OWB11, PC01, Vla98]. parallelization
[LAH+16, MDBC17, NEM17]. parallelize
[CCW02b, XPBC11]. parallelizing [LC05].

Parallels [HD84]. Paramedic [CM92].

Parameter [PQLN04]. Parameterized
[NM93, MWH01]. parameters
[KL15, MAG12, PG15]. Parametric
[JB91, Kr91b, GVPP11].

Parnas [Gla86]. Parm [BB81]. Parsed
[BW96]. Parsing
[Hec90, KK85, MGH97, VAW93, ACT13, DDGR09]. PART
[HL9+09, MV95, Mot96, JZ07, LJKR10a, LJKR10b, BK10].

Partial [EC98, LVH+93, Rey84, Rod86, CC02a, CLC96, CHL11, EMBS17, KVT+17, MCKA18, Rey99, SPDT06].

Partially [KD91, CIZL07, HHR12, HH08b, HC04b, HY03, JHYK10, WL05, ZC05]. partially-ordered [JHYK10]. participant
[AL10]. participating [CH10a].

participatory [CRKH11, Ch16, DEA+14].

particle

partitioned [XB19]. Partitioning
[BE81, Gie79, KC96, CH0d, J02, KSEN17, KPT09, LO04, LNZ04, MCC02, MCC11, SK04, ZYL+14]. partly [Gla91g].

partnership [AK16]. Parts [BD99].

Party [Gla90b, AHC+11, CLC08b, LyWS10, SCH05, VC09, YC12]. partying
[Gla99d]. Pascal [L'E87, L00]. PASS
[MIH92]. Passing [M90, CL18]. passive
[KPG+07]. Password
password-authenticated [WZM12a, WZM12b]. Password-based [YS04]. past [MKNS06, RVM06, SW88]. past-time [RVM06]. PAT [CCHT09].

Patchwork [BS86]. Path [BH83, CL97, UH86, CK02a, GP10b, HL09, LZG07, MK15a, Mur08, PC02, PWLH06, VVS99, WHL89]. path-oriented [Mur08]. path-selection [WHL89]. Pathfinder [KV05]. Paths [BM96, GZY11, GTY12, KSS15, LWLL12, LWBH16]. patients [GMPN16]. Pattern [Kor83, BKLE18, CCHT09, Cha93, DDGR09, DACY07, FM11, FPW96, HZ15, HP16, HK13, HZC05, Hus01, JCYT16, LPS04, KLNS07, KY10, KLL+11, KLL17, LPR04, LNY+11, LW13b, NKL17, SOS+18, WLC13a, War89, WHC07, XZAR06, YCF+13, YZC15, YZY+18, ZFS15, ZMAV08, ZLM14]. pattern-based [HSC15]. pave [WLL17]. payload [FF12, KC09]. payment [HLL01b, YL16]. Payoff [Bro81, Gla91a]. PC [HHZ92]. PCS [WCC13, SHS07]. PDE [OLZN13]. PDL [OC90]. Peak [ACRD19]. Peer [BCG+14, BGG+06, KSHC14, LHH10, Lok06, Loo05, LKK14, MK08, MLD16, Mût05, OK11, SHN14, SM06a, SSM+09, SS13, YIH13, ZK04b]. peer-to-peer [BGG+06, KSHC14, LHH10, Lok06, Loo05, LKK14, MK08, MLD16, SM06a, YH13, ZK04b]. Pencil [Gla96j].

People [OS87, AKH12, FFdRG14, HWdS15, MPLL15]. people-oriented [MPLL15]. Per-flow [AM10a]. Perceived [OK18, CFRPC+18, ETM10, OGK13, VLL18]. percentage [LLK11]. Perception [JKD02, CJKC09, JKW09, KWT+00, KLMZ08, KJ99]. Perceptions [RSM00, GW10, LIn09, LL04, LLS11, SHW09].


Performance [Kor99b, KDEK04, KCV11, LTK+06, LJB05, LS05a, LZCL19, LSaC01, LZR16, MK06, MK00, NLSK04, NSL+07, NK14, OS09, OFWP07, PCHW12, PH13, Pon05, Pot13, PSG+09, QL03, QOLJG16, ZL17].
Performance-based [ZLZ+96].

Performance-directed [SPC16].

Performance-driven [PSG+09].

Performance-Reliability [Hač86b].

Performance/Reliability [GMS07].

performances [CCG+07]. Performing [CTKT13].

Periodic [BRC09, FHL+15, PK01a].

Periodic Frequent [KBDGAW16].

Periodic-Frequent [KCR16, KVT10].

Periphery [LLK11].

Permutation [Fei12].

Perseverance [ARH+17].

Perseverance-Based [ZLZ+96].

Persistency [SAA10].

Persistency [SAA10].

Person [KCK+11].

Person [KCK+11].

Persona [ARH+17].

Persona [ARH+17].

Personal [BSG12, LLH08, ST89, VH89].

Personalities [KBDGAW16].

Personalization [ARH+17].

Personalization [ARH+17].

Personalized [BFAGS+08, FMPS16, KUK07].

Personalized [AM10b, ECRVMS11, MOD+19].

Personalizing [SAA10].

Pervasive [LP07, ALT+09, AHH+10, BSG12, CELS07, CMK+11, CJ09, JZL07, KAK+13, MPG+08, MGI07].

Pervasive [LP07, ALT+09, AHH+10, BSG12, CELS07, CMK+11, CJ09, JZL07, KAK+13, MPG+08, MGI07].

Petri [AHW10, CR06, HA03, LKJL01, CCC06, BHM12, Chr86, Coo90, FYCL13, FN86, GKP98, HCC91, JS99, KH96, KP93, KP97b, KDEK04, LP93, LM94, LL97b, OH15, PPMM12, PD97, Phi06, SC88, dSSJ08, SBM94, Var91, vD93]. Petri-Nets [Phi06, OH15]. PF [LWBH16]. PF-Miner [LWBH16]. Ph.D. [Gla97e]. Phase [KL95, OKOM97, TD80, CK02a, HJ12, HL06a, HY95, LZC14, MDMC06, MI00b].

phased [WD99]. Phases [Zim84, APS16].

PHash [Shi17]. Phi [DSGS17, GGK19].

Philosophy [BBF+90]. PHP [DGBE18].

Phrase [AB90]. phrases [CP90].

Physical [ASE91, GVPPM18, GBH+16, GSP+19, LS17b, LDS+19, NI13, ZG00, ZAY19].

Physical-Reliability [ZLZ+96].

Physical-Driven [ZLZ+96].

Physical-Driven [ZLZ+96].

Physical-Driven [ZLZ+96].

Physical-Driven [ZLZ+96].

Physical-Driven [ZLZ+96].

Physical-Driven [ZLZ+96].

Physical-Driven [ZLZ+96].

Physical-Driven [ZLZ+96].

Physical-based [ZLZ+96].

Performance-based [ZLZ+96].

Performance-based [ZLZ+96].
Platform-independent [SRDLCP09].
Platforms [SKT17, CCDD00, FHL+15, GD04, PGPC17, ZCC+17]. playback [NXS00]. played [WLL17]. playing [MQG+17]. playout [FGBC10]. PLC [VHFF+17].
PLC-based [VHFF+17]. please [CPT05, TC89b]. Plenty [Gla95f]. PMIPv6 [CL13].
Point [BK92, Rei90a, BGLG13, EAH+11, Hua05b, HCC05, MJZ+10, OR00, Shy03, ZLCY06, AHGSS05, WL10]. Pointer [BL98, MC04]. pointers [EKV05]. Points [AR94, Doi97, FWD97, FTAM99, GAT15, SV08, SH09, ZL16, Cha95, SSP17].
Points-to [FTAM99]. Poisson [AC16, Eva97]. poker [MH12, MOHB08]. Policies [CH83, HHS7, RCS93, WKM94, Aba08, CC99b, DIP98, FBB15, PCC+11, SW10, ZK09]. Policy [Sch81, BL18, BL19, Çam00b, FSGW11, Gla95j, Gla97k, HC04a, Hua05a, KLRW01, MBM+09, Qui94, RMD11, ST11, TYH04, YY04, TKSRP11].
Potholes [Gla88]. Pounamu [ZGH+07]. Power [BLM10, TKJ15, wZIF13, wZIF14a, wZIF14b, ASV+16, APS+10, CKW10, CW12, CRK+18, ED04, EB17, KKHH11, MAS13, PAS+10, RITF+11, TC12, VA17, VAJ18, WDC12]. Power-aware [TKJ15, wZIF13, wZIF14a, wZIF14b].
power/performance [ED04]. powerful [Ayr04]. Practical [CSM15, CP07, DA86, LT09, SKK+18a, SPMS03, VP92, WH97, AZGV09, AMS+10, FGB+19, CCF+04, DB06, FG15, HH00, HZCD05, LWBH16, MMTS15, PSG+09, SOS+16, TCMJ08, ZMAER99]. Practice [AM94, BKW10, CJT+16, Duv95, Gla90b, Hag91, Het95, LDS95, RBM95, Ano94d, BGS+16, BDPRC18, CJO5, CO08, Dau99, Fer00, Gla89, Gla93c, Gla94b, Gla95b, Gla98j, Gla00m, GTA14, Han12, KTF+16, yL98, LRYS18, LWSH19, Qui94, QHS08, RZL+18, SB14, VCB+18, Wic14, Gla49f].
Practicing [MP89]. Practitioner [LLS11, MRW+94, BH02, BH03, GCDY16, Haz02, KLMZ08, LMNA17, PIG008].
Predictable [ICS14, HMS03]. Predicting [ACB18, ABL16, CPV+14, EE08, Hur93, OH94, SD16a, ZeKS17, ZL07, AdAD17, EBGR01, GXZ+19, KR16, LMA15, TL09b, VGSN18]. Predictions [Cav84, CW90, Lee93, Lip79, Lok96, She95, Al12, AGC13, AC16, ABJ10, Bai05, BHXN05, BKR09, BLP09, CPD+18, CBAV16, CMM15, CLGL05, CSS+13, EMM01, FF12, FSS+13, Gon08, Grun70, HJBH10, HCS09, HC10, JLZ+19, JTM04, KY10, KR08, KCV11, LCT10, LS05a, LCLF13, LG15, LJA+11, MKL+00, MA08, MdFD+15, NQ98, NCW+19, ÖT18, PEO11, PSM12, PB15, PPB19, RSB+16, RSP03, Sch03, SLW+15, SRDLP09, SHBA+16, TQ05, TN05, THGL07, TAB+16, TVK95, dBTdS08, VTZ+17, VM+08, WHB01, WLC08, WLT+09, XLW18, XHW99, XLL+19, YCLY13, YCF+13, YJZ17, ZP06, ZCY+16, ZL17, dCPV10].

Proactive [DM17a, HLW08, LR04, BDDG04, SKK+18b]. Probabilistic [FZHS95, AMP12, DC11, DK15a, HM09, NN17, PACH15, RXY+19, SGO13]. Probability [HP90, LS07, MSGGL12, RCCVB11, YXP+18]. Problem [Chr86, Gl90e, N98, Ano91c, BCV06, CH09, CJT04, Dar92, DSS09, EK12, Gla89d, Gla91i, H95, HCDJ08, KK17b, KEK04, MJ14, MA16, PS15, PA99, PV94, PW03, SS15, TNA01, Wij03, XJZ+15, ZJZ+17, Zhu00, ZGL+10, CHL04].

problem-oriented [Zhu00].

problem-prone [TNA01].

problem-solving [DSS09, KK17b].

Problems [BB81, MPS86, WB89, AR17, GH04, JE02b, JK12, KSEN17, KRHŽ05, LL07, LCL+12, SYBN12, TTR+13, VLL18, VHL14, YF15, vGB02].

Procedural [WV11]. Procedure [SAASA94, ZM96, AP90, AK15, BS013, BKSM14, KKIM19, SD02].

procedure-oriented [AK15]. Procedures [KK81, O87, MI00a, SK13].

Process [APL95, ANB93, BH02, BH09, BO96, BW93, CT94, CB91, CP97, CGA08, De 97, DLS94, FPW93, FG94, Gla88b, Gla93e, HBC94, HF08, HS14, HHSR94, Kun91a, Lai97a, Lan90, Lee93, LCF08, LAHS97, MB10, PM90b, Phis1, RW01, RY93, SL96, TM97, AKH12, AAMS14, AAG16, AK08, ABL16, AP14, AL50, AA11, AF16, AMGG14, ACDG02, BKZ+06, BW+18, BH03, BM05, BHB+05, BBA10, BGLG13, BKB+07, BPB19, BM00b, CGP+05, CCC05, CNG16, CC99a, CS01, CHL05, Ch99, CNKL12, CO08, CGSG06, DCAC09, DA07, DHJ05, DJ01a, DJ01b, DZW+09, Ebe99, EB00, FD1M12, FCSM09, GMMGP15, GDLB16, GW01, HL01, HVK11, HAHH06, HHW01, HRS95, HPF16, HFC+01, HFRHS09, HOBS13, IBM11, JED18, JPKP04, JMP07, JAS19, JMML17, JW01, KKT17, KSP11, KMR99, KSAR18, KRRŽ05, KSFT89, KTF+16]. process [KUN91b, LPJP09, LR99, LPM15, LMR12, LMGB17, LSV+06, LZW12, LRD+19, LMNA17, MDOB+15, MR01, MB97, MSGGL12, MM01a, MA17, NWA05a, NWZ05b, OFR+12, PB11, PCCLdGP12, PCFRP19, PW10, PIG008, PL99, PH07, PPG+10, QK08, RV99, RK00, RH02, REF+07, RCL99, SC99, SK11, S99, SL08, SS14a, SWA+13, SWZ+16, SK18, SJK07, TAF+17, TCC15, Uzz13, VLC+17, VKL16, VVL+15, Vis99a, Vis99b, WW09, Wau19, WMW12, WL99, WVC+98, WHB01, Whi01, XL18, XSO6, ZADA15, ZChP01, ZL17].


process-related [CGSGR06]. Processes [AR94, AS96, BCD92, FFdRG+14, KD91, KL91, Let87, MSB+02, TK87, AHW10, AC16, AM10a, BNvdH05, BRS+18, CFRPC+18, CC07, CXO+15, CBS00, CLF+13, D101a, FSG+11, GR05, GAW92, Hač88, HH08a, HRN+01, JST10, JR15, KLRW01, LH06, DPS03, MOr99, PRRS11, PS00, RH03, RRM17, SMZ12, YLX16].

Processing [Amb87, Hay86, Lai97a, PD98, Rah92, RW97, Sh91, Tsu05, Uh05, ZENA93, vS83, BLM+08, CK02b, CM12, De 98, DM17a, DWC17, FS19, FGD+17, HL09, HWR17, KRP02, KAS18, KW00, LW050, LCC10, LPP+10, LCCH01, Lin12a, L99, MLC09, P09, RVCM17, SHN14, SMM17, SK01, Uh98, YCO8b, ZM06].

Processor [Par86, RT93, Aba08, Chm00a, CHL04, DCH02, HSR01, MJ89, SK03, TC12]. processor-in-memory [CHL04].

Processors [CD10, FG93, ML95, ELK06, Kar94, LCL07, TXXL12, TCSC04, WWL+10].

Produce [SG91]. Productivity [Car92].

Producing [SHW02, VL94, BV16, JBL12, MPAA15].

Product
[CBT+14, CGA08, DSB05, ESWA18, Esk89, Lan90, MBCD86, AC19, ACS07, AD07, AK08, Akl14, AWSE19, BKS15, BMH12, BB18, BdMSNO+17, BBS10, BV01, CHN19, CdsASG+18, CFAP17, CHL05, CNKL12, CV16b, Del08, DGRN10, DV10, Ebe07, EB14a, EBB09, FL05, FFV19, GMMGP15, GPHS08, GWW+11, HGBS18, HJN11, HF08, HPF16, JG14, KDS+08, KG09, KPS08, LMIN0, LNTS19, LS05b, LDL07, LGS+19, Lu00, LG03, MN513, MCV16, MAGIC+17, MD16, NBA+17, NBA+15, NRG08, OGRJ18, OH15, PLHP+15, PBD+12, RTM19, ROR11, SSS17, SdSdMSNO+13, SSAS11, TABG13, URG10, UD10, UIK17, WAG15, WGS+14, WR10, WBBK18, YMM+17, YMM+19, ZR04, dSdMSNO+14, dBvV08, dOSdAdSG17].

Product-Form [MBCD86, BHM12, OH15].

product-line [KDS+08, LNTS19, UIK17].

Production [BCD92, DK97, HBCC94, HP90, Ker92, FKWVH19, Gla97e, HK90, VHFST15, VHFE+17, ZKL+09].

Production-Based [Rv93].

Productivity [Blu89, Cha95, DB86, FWP93, Gla88b, Gla90c, Gon95, GR97, JL85, Jef87, KMO91, Law81, Tau92, Ano90d, Ano91b, FS01, Gla88c, Gla91f, RSGH12].

products [KL07, RHL+17].

Professional [Got92a, Mat86, TKS95].

Professionals [CM92, Lue92, RZ94, FF89].

profile [Bai05, CK00a, Cic16, NLSK04, OCC13, RZMPM12, TR00].

profiles [BK17, GJ08, PC10].

Profiling [Ala15, KMK17, LLW12, TC12, TLZ+17a, WLL19a, WLL19b].

profit [GCMB17].

Program [AS96, BYY87, BL98, CS85, CH83, Ewa83, FS91, GA95, HTH97, HLS3, HB89, HUMT92, HU96, JG03, KL95, LDM87, Leb80, Let87, LZS06, MS81, Mar84, Mil89, MD91, NB93, PW92, RBCM91, Sed93, SKV94, TZ92, WBR90, Yan94, Zho93, Alz08, BHH+10, Bra89, CS16, CH07a, DDF+05, DW14, DS04, EK12, FTAM99, HBD03, JCK+17, JRO12, Kam95, Kri06, LNY06, LLL17a, MM19, OR00, PCDG02, RS00, RB89, SZ11, aSRZ+18, TL89, WHL89, WGH00, WQ06, XST18, YLYL17, ZG00, ZC06, ZCT+09, Qui94].

Programmable [CBC14, AYZ10].

Programmer [KMO91, OS87, Mülo7].

Programmer-Nonprogrammer [OS87].

Programmers [AP97, Gla97c, Mülo7].

programmes [LLL+17].

Programming [AH93, BF81, Bla87, BSDD14, BCFG86, BN90, CS85, CH83, Coh81, DG80, FM90b, GCG13, GL92, HD92, LS05b, MD91, MO92, NRS92, OR00, PC00, PT91, SCG+93, She90, TK87, WM90, WSD81, AR17, Ayr04, BCFP19, BB89, BD13, BSB12, CDAM+14, CCR14, CLX+04, CCG+10, CC94, CP88, CAG17, CRSS14, De 97, DB05, EL88, FMSG08, GE15a, HBCM05, HCDJ08, HBVG08, KBDG16, LHJ10, LF91, Li08, Li99, Lok06, MNO18, Mat96, Mülo5, NBR+13, OCCN89, PN14, Phi98, PTF+15, Raj94, RB19, RAJ15, SGP12, SMCL06, SOI17, SPECT18, SW88, TW08a, TKA+02, We03, YLC18, KCS08, SJ05].

programming-level [GE15a].

Programs [AR90, BAH96, Ber93, BCC+88, BK85, BP91, Car96, Di91, Fer93, Har95a, KM92, KL94, KL90, KGH+96, L'E87, LTHHR97, LZL97, LK93, Lok96, MGJT87, Rey84, SBM94, TL96, UH96, VPH93, WNM86, ASdMMG14, ABS19, dSACdLF17, BdADH94, BB89, CCDD00, CL18, CHT09, CLS98, CLSa01, CD05, DOL+16, EOM95, ECS15, ES14, EKVO5, EED16, FS05, GPMI13, HBB+99, HCC91, JPF00, LMH10, LVM07, LAH+16, LMYMTG08, MKM+06, Mor98, MNN12, PJK13, REY89, Rot89, SÁMI17, ScMC02, SM16, aSRZ+18, TK16, TLZ+16, VB09, YWWS10, dSF12].

progress [DHJ05, HH17, WT89].

progresses [LW02].

Progressive [HHH10b, YCW15, JHYK10, FMRM15].
Project
[ AH90, AH93, Ber81, Iso95, IKCN91, KT85,
KK81, LM94, MM95, MK90, Pul90, RB93a,
Tau80, WRW93, AH88, ASMN15, ACB18,
APCS10, BM05, dOBWT04, BK06,
BDGR01, CS19, CAV16, CC11, CdOBT07,
DB06, FY04, GL14, GGC16, Gil88, Gla89h,
HM16, JSL16, JK00, JKWL09, Jor16, JR15,
KWT+00, LS17a, LMIV15, LPS02, LXi09,
Lin99, LSD+16, LKB06, DPS03, MS03,
ML03, MR01, McB08, McD02, Moy00,
MH04, Mur99, NLSK04, NSL+07, NBF16,
PCV+08, PKR01, PCCL18, PVSG05, PV06,
Rog94, RKK16, RRT01, Sai07, SSF15,
SAR15, SS07, SSCL08, Sta10, Sta09, SJK07,
dBTdSS08, VLL18, WK15, XHW99, YAY13,
YFZ+16, Hei95, Not85b].

Projection
[ Sta83].

Projects
[ Bla87, Eli92, MRW+94, OT92, SM92a,
AS10, AAH12a, AdB17, Ban08, BCB09,
C¸B16, CFMR11, CC08c, DvdVA13, DL99,
FN00, FHT07, GC13, HH07, Jor14, KP10,
LHTC19, LMA15, LMNA17, MSB18,
MAH18, MVSH18, MØHB08, FID16,
RSB+14, RR09, RCCV11, SS98,
SSA08, SNC13, SHHL12, SM07, Uzz13,
VGSN18, WKB017, dOSdAdSG17].

PROLOG
[ BP91, LS92, AR17, Lok06,
Moo98, Ura90, Vla98].

ProMARTES
[ TAB+16].

Promise
[ SCG+93, promised
HS11].

Promising
[ KCK+98, promote
GMMGP15].

Promoting
[ DIF98, GRBNA10, dVRB13].

PRoMPT
[ Lat95].

Prone
[ Coo90, EE08, KLOT, MA17,
SL08, SPSM03, TNA01, ZXL10].

prone
[ FP18, Gon08, HJH08, MRS18, MR00b].

proof
[ LMGHB17, proof-of-concept
LMGB17].

Proofreader
[ Gla96j].

Propagating
[ WMW12].

propagation
[ ATvHJ18, CE08, DRELHE16, MRS18].

propensity
[ KWT+00].

Proper
[ RB93a].

Properties
[ BFR96, Ne97, PdC94, BGH03, CKM06,
DNSH13, HBG+13, IS03b, OMLB16, PH13,
PJT+17, PDBD18, Wil03, WWY+12].

Property
[ ZLG10, CCH09, KU10, ZLMGN14].

Proportional
[ CTY01].

Proposal
[ AR90, Cha95, Mat86, vC80, DF00,
FCMJ12, SL114].

Proprietary
[ Hen88, KHMA12].

Pros
[ Gla90f].

prospective
[ Gar13, prospects
FGD+17, GTF15].

protect
[ Cho04a].

protected
[ LLLL12, RF14].

Protecting
[ GMC+09].

Protocol
[ BMSB94, JT97, Lai97c, LL97a, wLYLH97,
WM96, ZK85, AN16, CN04, CCL10,
CLC08b, CSW10, CTH12, C12, C103,
DSM11, FS06, FIBRGLN05, HHL+97,
HCC05, JS99, KYP+03, KMS04, KR98,
Lai95, Lai97d, Lai02, LTK+06, LTO7, LJB05,
LKH09, LL99, MDO+10, MT10, NS92, OS09,
OHJ10, PZB10, PPS12, QL03, SC14, TM06,
Tse07, WZM12a, WZM12b, WHHT08,
WC11, XZP+10, YC09, YC12, ZG10, AM13,
GMGTdFR14, ST11, ZS05a].

Protocols
[ ASS96, CG94, Jma96, LL98, LL97b,
WM93, UlHu97, BCS18, CRO5, CKy18,
CFN07, CD18, DAR14, Jia99, KKL12,
MK00, Rog98, Shu03, SSP+15, SCHO5,
YS04, YSL+10].

Prototype
[ FS91, RO13b].

prototype-based
[ RO13b].

Prototypes
[ Bel91, BM93a, IKCN91, CTZ92].

Prototyping
[ BJK06, BG96, CCLC04,
LV+93, Sch91, SSK89, VC97, Zho94,
CDS99, CH10c, DZHR04, HCS04, HK08,
Has98, LCZ98, WKOL4].

Provably
[ LH11a, YC12, ZG10].

Provide
[ Por93, ECRVMS11, LLW12, WL17].

provider
[ CWJK13, DST+04, JKD02].

providers
[ MIKG13].

Providing
[ Cho04b, Hen88, HH17, Lin07, TE99,
KBH07, MCV15, TYH04, CX10].

province

public [BCW05, CWH00, CMK+11, CHL+08, EHKH04, LC02, Nec96, RPSL10, WH03, YYS+16, ZSM05, ZMN05].

public-key [RPSL10, ZSM05].

public-key-based [Nec96]. publications [SM06b]. publish [CDRT13, GLa96].

public-key-based [Nec96]. publications [SM06b]. publish [CDRT13, Gl96].

publish/subscribe [CDRT13, HBG+13, LJC16, LVMPPC13, RMD11, YSK06, YSK09, LJD10].

publisher [SO03, An11m, An17m].


QA [Fis81, JSHW14]. QoS [BMLL14, BVV+10, CDEV08, CV16a, CDRT13, CL99, DGv+07, DHC+11, DLB04, EGG+11, HB+14, KAM13, KD05, LR04, Li11, LG15, LCLL14, LGZ+18, MYZC06, MLHL12, MV11, MG107, MPG+08, NKJT09, PPM12, PPMM14, PPMM17, PG15, SDG+07, SWES16, WTG+15, YZG+13, ZADM10]. QoS-aware [BBV+10, CDEV08, CV16a, DHC+11, MV11, YZG+13]. QoS-based [LLWL14]. QoS-enabled [SDG+07]. QoS-oriented [SWES16]. QR [LQCL16]. QUSIC [CL11].

quad [LBCL10]. Qualitative [San16, GTF17, PV18, RH03]. qualities [PSZ17]. Quality [AJG+15, AS16, BTT99, Bol97a, Bol97b, CLH+13, DR92, DB86, EK89, ELHC13, FBS10, Gla92b, Gla92e, Gon95, G113, HG91, Hon90, KH82, KKLP09, KKK08, LV97, MVLJ18, LVST18, Pre95, RB99b, RV91, RV92, TKM03, TK97, TZ81, WNC17, YHZ+09, ZEO3, dBV03, ABG02, An87f, An92f, AHOP14, AAC+17, BDD+15, BGG09, Ber94, BLLGMB11, BAM17, BL03, BWDP00, CB16, CFMR11, CDAd018, CC08b, FMP09, FOR19, FFWE17, FG15, FS01, GMMP15, Gla92g, Gru07, HBG+13, HJN11, HNH15, HCS09, HBF16, HK09, HCC08, HWH11, HTH13, HKS+17, JLM17, JMP07, KGB11, KSH05, KC09, LAT10, LJA+11, LWZ+16, LSD+16, Li98, LKB06, LHCT19, LM1A7, LCM+04, Mi00b, OWG19, OGG13, OA308, PS05, PCY12z, Pla95, RST98, SBA97, SJK07, SKE17, TQ05, VSS+11, WWH08, WY99, Wj03, WKH11]. quality [ZTCZ16, ZGYS+15, vdBsv+19, ES97, Gla91d]. Quality-adaptive [CLH+13]. Quality-driven [ELHC13, KKL09, TKM03, dBV03, LWZ+16].

Quality-of-service [KKK08]. QualityScan [WOC15]. Quantifier [BRA96]. quantify [EEL16, KB98]. Quantifying [AGC+15, HFE10, KAL97, KSFT89, ST07, WGH00].

Quantitative [DL94, DHA95, DL99, G08, HR395, LK90, PS00, SO04, TLPH95, AD11, C014, CS19, GT15, PTF17, HCC08, KGG18, Lt98, LS04, MGvFGB10, RH03].

Quantitatively [nPHW+16]. quantities [KLNS07]. quantization [CL06b].

Quantum [AR18, LyW10]. QUASAR [CDRT13]. Quasi [MWZ12, CBL+15].
KKH+16, MWM12, MRT17, quasi-deadlines [CBL+15]. Quasi-static [WMWZ12]. quasi-synchronous [KKH+16]. quasi-systematic [MWM12, MRT17]. quaternion [WyPWyN13]. queries [BG06, CJF98, Cho13, CMC04, CBK02, CKo2a, GSN+15, IBM11, JHYK10, LU06, LKL04, LCC10, MMP15, PSK05, SED16, UDUG04, VL94, ZJL10, vdBK94]. Query [RT93, ACL13, BLM+08, CH11, CJL11, CK02b, DCAC09, DT+17, GLWY10, HL09, ILZ13, KRR00, KRP02, LPP+10, LZXS09, LWZX10, MCL+17, ML09, ONR02, PC02, PCC02, PK02c, PK03, Pra18, RJHHK08, RVC17, SHN14, TLWS10, UDUG04, YC08b, ZWM+18, vdBK94, RH06]. query-based [DCAC09]. Querying [ILZ14, CNG16, MIUM12]. Quest [SW94b]. question [LH98, PMWC12]. Queue [MR86, BCF+05, SM03]. Queueing [BBG86, BDMK03, FMP86, Ha86a, MR86, Mue86, RCSD93, OH15]. Queues [Cla86, Ha92, KSN17, KMS09]. queueing [MB19]. Quick [KK81]. QuickFuzz [GCM17]. Quite [BG06]. Quo [MWH97]. Quorum [NM93, KTK01]. Quorum-Based [NM93, KTK01]. QVT [KLL17].


yL98, LK04, LH95, LKK14, MK11, ML95, NC96, OK94, PZ94, Rei90a, dSSJV08, 
Ut09, Ut097, WM96, Yoo09, Yu90, ZCd96, 
AMP12, ABB19, AV02, ACL13, At00, 
BCK00, BL918, BL919, BN09, Çam00b, 
CCSC01, CCSC07, CPS11, CCKM09, 
CCL10, CZG+15, CKyL98, CBL+15, CS12, 
CG05, CF12, DMV98, Del08, DY99, DY03, 
DZRH04, DGL+08, DOL+16, EBE18, EK13, 
FHL+15, FHY17, GBL08, GLZ15, GP05, 
Gho01, GWDE07, GPPT16, HyLV+12, HCB+16, 
HA03, HSM+07, HZG+12, HNS12, HCDJ08, 
Hoa94, HLC+09, HHL06, ICSK14, 
KBL08, KMSD08, KC16, KCS01, KYL03, KMS04, 
KR98, Kor99b, KMS09, yLcY98, LLL00, 
LKL02, LP93, LL00, LESL11, LSE12, LS14, 
LS17b, LFCL12, LR04, LRS+07, LWL+13, 
LV+09, LC11, LHP+09, LHP+10, LG5+19].
real-time 
[MM00, MEH05, MBD13, MFMCY12, 
Nae01, NSL00, NPC12, OW04, OAZ0, 
Ost92, Ozk97, ÖKT09, PNK96, PC04, 
PG15, QL03, 
RFM10, Rav03, RXY+19, RGH17, RG79, 
SPC16, SUSO04, SS05, SLS08, SO03, 
SML11, SY02, Shin03, SBB98, 
SK10, Sto92, TLW07, TKJL13, TKJ15, 
THP+06, TC16b, TL09b, Ul98, VT98, 
VT99, WCLK07, WMWZ12, WX10, WD05, 
wZG13, wZG14a, wZG14b, ZAO08, ZW15, 
ZLZ+96, ZHGL11, ZH05, ABCH13, LJB05].
real-time/non-real-time [CCSC01].
real-valued [KLB15]. real-world 
[GG01, Iso01, LJS05, SSvdW99]. Reality 
[SCG+93, GHK05, N13, SSC+04, VSS+11].
realization [hChSyCwL10, Rog94]. Really 
[Gla97c, Har95a, Rei90b, Zuc90a, Ano87f, 
Ano87h, FF89, Kru08, PCV+08, PVSG05].
realtime [WFY+19]. Reasoning 
[FWD97, ANH07, BFPAGS+08, CCGdL16, 
EBGR01, OT17, TJH07, TBSvdW18].
reassembling [LZL+18]. Reassessing 
[KP10]. reassessment [Ban08].
Rebalanced [SWH+09]. Rebalanced-RSA 
[SWH+09]. REBNITA’05 [CBVD07].
REBOOT [SCK95]. Reborn [CHB94].
recapture [Iso98, PTRW04, TR00].
receiver [MXZ11, PTM08].
receiver-centric [PTM08]. recently 
[HHKB16]. recently-evolving 
[HHKB16]. recently-introduced 
[HHKB16]. rechargeable 
[LWOY16, LWW+16, LWC+18]. recognition 
[AA98, CCWT13, HHC12, WLL+13,
Recognize [Hen88].
Recombining [Ber98]. recommend [GJ16].
recommendation [GJ16, GMR17, HSL14, LL09, LS05b, LLH08, LQC+14, MCS+12, NKM17, SZW+16, SYXL17, XWZC14, XSL+18, ZCY+16].
Recommender [SHH+15, BFPAGS+08, CYY11, K16, NTsX13, TZ12, YSG17, YH13, GMLSF+15]. Recommending [BCBZ14].
Reconciliation [Lan90].
reconfigurable [CWC04, CFN10, DHL06, GHBD+16, HCKY08, KPT09, USLC01].
reconfiguration [BJG11, BBD18, BDLM16, CDI07, DS16b, Li11, LG15, LJDK10, PDL+16].
reconfiguring [PLHP+15]. reconstruction [BAI+14]. record [dNPM18]. recoverable [LNW+11].
Recovering [DG87, QBO+14, RLvV06, SSS17, KMG+19, JBA08]. Recovery [ASSA96, BDM+93, SAASA94, Won93, YP94, ACDF01, CSHS15, DDGR09, HLAB99, HZCD05, HHL06, KSAOK04, LMS11, LJKL01, LL10, LTO8, LZN04, MMCB00, MAEL19, PNY14, SV12, WCV+98, YZC15, ZYZL12]. rectangular [KH06].
Recursive [J083, WHHT08, ZL17, BBS00]. RED [GAWW07]. Redesign [BB096].
Redirection [LL10]. redistributed [LXCM11]. redistributing [SUS004].
reduce [CYT16, EA14, FW00]. reduced [LGLL12, TSL+11]. reduced-round [LGLL12, TSL+11]. Reducing [CJKC09, SSMvZ16, WM95, CWK+11, JRSN10].
Reduction [Bra96, HAG91, LHC96, SB93, DLW08, KSS03, MK16, MGM16, MCKA18, SRS15].
redundancy [EL88]. Redundant [CLLC96, ALz08, PGRQVV12]. REDUP [HHL06]. Reengineered [SW95b].
AJCM08, BGTC18, BL11, CDOP15, HMP99, JK13, LLC+09, LKL+11, MLGA11, Phi05, SZS13, TH02, VGM13. Relations [MSI90, HN17, JE02a, SZPMK04, TSRC18, ZKL+09]. Relationship [BTT84, CH94, JN84, JP94, MR84, Sak84, BDD+15, BGI+08, CTKT13, Cha06, CPW98, Er92, FHL+15, Gl89i, HZ79, IBAH12, JNY84, JH01, Kuo94, LLK05, OBS+18, VLL18, YLC08]. Relationships [Dol97, HB83, BVN07, BWDP00, CC06, CGSGR06, GD12, GMGTdFR14, JLZ+19, LLL17a, MER17, PPMM14, PSZ17, RB99, VAJ18, YL09, vAAJ16]. Relative [HS95, MK90, YHHR03]. Relatively [Sca88]. Release [Leu92, OG80, Hua05a, LS07, MXZ11, PS15, SL08, XH98, YLXZ16, ZP17]. releases [AT18]. Relevance [KCB05, NAB+13, TTR+13, FMR11, KY08, WR99, YL09]. relevant [JG08, Lai99, NBH19, TTC15]. Reliability [AT18, Bha84, Cav84, DV94, FS88, Ha86b, HCC91, KK81, KNT86, LWT+13, LGHR16, LHC+05, MBAG11, Mus80, OG80, RSP03, Rot89, SL80, SW94b, ZEB88, ZCC+17, AGC13, Bai05, CCW+01, CJHB08, CJ05, CL15, CW89, EL88, FHY17, FR09, GMS07, Hua05a, Hua05b, HL06a, HWLM11, Iso98, JZ05, JZ07, KHS10, KLB15, KRO8, Kor99a, LH08, Lit80, LH06, LZR16, LYC14, MT07, MAG12, MPRS14, MO84, OOD09, PH06, PEO11, PB15, Pot13, PP04, RAS14, RSB+14, RCL99, SD16a, ST07, Shy03, SH07, TSA08, Tho06, Tia99, TN05, TM08, VHL14, WPC06, WZY+18, WFGY+19, WMDSE+13, XHW99, YT+13, YLZ16, YYW07, ZP00, ZSP01, ZLCY06, ZZP15, ZP17]. reliability-assurance [CW89]. Reliability-driven [MBAG11]. reliability-oriented [TM98]. Reliable [Di87, Jos83, SFSE05, DS16b, FYCL13, HKY01, JCC05, LT07, MK06, SJC13, SHW02, YZYL12]. Remaining [Cai98]. Remarks [BCW05, CA89]. remedy [WS13]. reminder [TBSvdW18]. ReMinds [VRG+16]. Remote [ZM96, CJT01, HSL14, IB11, Shu03, YSL+10]. remotely [LJM96]. Removal [Dye87]. renaming [CDP05]. Rendering [SF92, KA14, SNDD19]. Rendex [AS17]. Rendezvous [DS92, WHHM86]. renewal [Vis99b]. renovation [DNAM05]. reordering [TXLC12]. repair [JCK+17, MM19, ZM18]. repeatability [CC02a]. Repeated [AB90]. RePeating [SB17b]. repercussions [FM08]. Repetitive [Hat99, HLWC04]. replacement [BHVR18, CE08, LSAC01]. replanning [GRT13]. replay [GMB+09, WXZ+17]. replica [DHC+11]. replicated [CY00, CWC04, EBC10, GV10, KM89, MSA08, OFWP07, RZL+18, SKZ+04, SHN14, VM00, Vis99a]. Replication [HJS91, MJ18, ACB18, BDPRC18, CD18, CK00b, HSC15, MK08, OCC12, WZJ01, Zha16]. report [ADZ+09, FIBRGLN05, Gla91b, Got90, LG03, Mcd02, SAH12, SAKZ15, WCC12, WKbO17, WKV11, WB15, SCh81]. Reported [ASMN15]. reporting [KP10, OKMD12]. Reports [AH81, LYLC16]. Repositories [Pou95, CCD+04, KGM16, LMP15, SAH12, SGMMJ13, TLA18, TH02, VMB+08]. Repository [BV18, CBC+15, Har04, RvDV17, Zhu00]. repository-based [CBC+15]. Representation [BBC+88, MR83, Pop92, Uck91, CCK02, CL04a, Gur01, HRZ06, LC00, LTT+09, QALC07, SB17b, WCLL09]. representations [KC98]. representative [CSM15, LT+15, OSH+18]. representing [SCS15, XLM+15]. repudiation [KWME99]. reputation [KB16, TCC18]. request [CLL10, CLG08, JLZ+19, JH10]. requests [CdCMdSDNAdA16, DR12, HYA11, JLC04, KK11, LHC+18, LMPM18, LKL05]. Required [HH97, ABL16, FSGYP17].
Requirement [MD16, PLGT10, XSS06, CCK02, CJKC09, KSS03, KV05].

Requirement-based [PLGT10].

Requirement-driven [MD16].

Requirements [AM81, AB90, ABB15, ANB93, CL95, CBVD07, CNMR18, Del92, DF84, GMP94, Gom95, HHISR94, HKvVvdV07, JF94, Lam97, Lan98a, Lin93, LZLC17, MvS95, Sam93, Wal91, WPL+18, AS07, AS17, AGK19, BKS15, BHB+05, BS09, Ber95, Ber02, BVC06, BHL00, CMT02, CKL12, CRESF+13, CFA+19, DvdVA+13, dSdMSNO+14, dBvV09, DDMP14, FFWE17].

requirements [VVA+15, VCMG17, VCMG17].

requirements-uncertainty [Moy00].

resampling [MA08].

Reschedulable [CSCO10].

Reschedulable-Group-SCAN [CSCO10].

Research [ACS13, BKW10, KSW93, MRW+94, RGV04, RA91, SB88, Wei79, Wey01, Ano87d, Ano13a, AS16, BP13, BPSK18, CC08a, CBT+14, DDP14, DFG+13, Fug99, Gla86, Gla91g, Gla95i, JDSL16, KGB11, LCM+13, Man16, PTRW04, PKB09, RST98, RPT19, Sai98, SFJ04, Tani00, TTM19, VHFST15, WD07, Wei14, WDMR99, MD89, VCB+18].

Researchers [Hen88, Gla95g, VEM+01].

researches [Lai99].

Resemblance [ZHH+17].

resequencing [Kar98, Kar00].

reservation [ZWC+19].

reserved [Ng99].

reside [GXZ+19].

residence [GXZ+19].

residual [SWES16].

Resilience [MvS95, PDL+16].

resilient [KPS10, MMSD13, TC06, YKC+12, YLZ+16].

resistant [HCC10b].

resolution [DBCdP11, DK15a, KPS09, KHC16, ZWX+08, Zwe90].

Resolving [CA87b, CA87a, KMBH05, LKL02, Li01, MKS+18, KMM89].

Resource [AD14, BB81, Cho95, Coo90, CDPM17, FMP86, KMSMD08, KK11, KSH05, LSY+04, LCLL07, Sch81, SG89, Zha88, Zha88, ZCT+09, ZR87, Zhu04c, ACRD19, AM04, AK15, BHAM09, BV15, BK17, CLY17, CYT16, DXPY03, DM17b, ES14, GP05, GGB19, GHBD+16, GWW+11, HSM+07, HHN15, JHW10, HLV+15, HC01b, HL06a, HLWS13, KPS07, KPS09, LBS+07, Leu97, LSH09, LZ06, MCC+18, MA09, MK06, MAS13, NE17, NK15, SRDLP09, SWES16, TY18, THT07, THWC10, WDCL08, WDC12, WAW012, WZC+19, Zhu04a, fLSN18, vV10, vSJK+07].

resource-allocation [Leu97].

resource-constrained [KP07].

Resource-Deadlock [Coo90].

Resource-oriented [KSH05].

resource-restricted [NEM17].

resourceful [GH02].

Resources [Ha86a, Ha89, AH10, JSL16, MSAH16, SC103, Sko14, ZWX+08, Zhu06].

respectable [NER01].

Responding [DG92].

Response [BP86, BT97, KMM89, KNS91b, Zuc90a, DMQ07, EGG+11, MMTS15, Mur99].

Response-Time [BP86, EGG+11, MMTS15].

Responses [LIC92].

Responsibility [Col92, HHSR94, KP10, M1J4].

Responsible [FK92].

REST [AK15, CPDM16].

restoration [RW00, VVS99, WC02].

restoring [CL06a, WCH03].

Restricted
Restrictive [CZL07, HH08b]. Restructure [KB98].

Restructuring [HL83, Lee07, LZN04, LXZS06, TL89].

Results [AH90, AM94, CBOR88, DL06, Gla90a, Lai97c, LL15, MRT17, APT+12, BPSK18, JDLS16, LGLL12, PKL03, PKB09, DM07, TGE17].

Retailing [CDS02].

Reverting [BWK+11]. Retest [LNTS19].

Rethinking [Fug99].

Retrieval [Owo96, BWM06, CC04, CL98, CLLC96, CK00a, Fra04, GPL+15, HDLK00, KCB05, KYPW06, KY08, LC00, LK01, LZN04, MCC02, MCC11, Par00, PWHL06, PWN08, PB00, Pou05, nQYD11, RH06, RjHHK08, ST13, UcCLS94, YL09, ZL04].

Retrieve [GI95, Zhu04d].

Retrospect [Wic92, REF+07].

Retrospective [Gar13, LPS02].

retrospectives [LMIV15].

Reusability [PAB+17, AKKS11, GMGdFR14, GS07, SOS+18].

Reusable [DLJ03, Gom95, RBT11, WH91b, BM08, DF00, Fra04, KTT+17, LK09, LNM10, NOPF12, RS98, SSA17, SGC+17, SHS16, SPZ06].

Reuse [DLJ93, FF95, Hen95, Iso95, Lam97, MRW+94, PP94, SS17, SCK95, TL96, TDB97, WRW93, WPL95, ZSGS93, dAK18, Ano95h, BKS15, BV16, BNH02, BK95, CDM98, CBS00, EL10, ESRF19, FK01, FS01, Gla98e, His98, ICSK14, KCAS13, LH98, LOFA17, LdsBA+08, Lut00, MB17, NR04, OAC11, PK10b, RS98, Sut00, WD99, Zbl95, Zhu06].

Reuse-Oriented [TDB97].

ReuseTool [OAC11].

Reusing [BMSB94, FB18, SJ17, MAH18, MSGM17, SBB+16].

Revealing [GGM11, Wil03].

Revenue [Oja16a, TYH04].

reversibility [LUN06].

Reverse [BCD92, MAGC+17, SSSA17, VCW+98, ADZ+09, Ano96m, BCR+19, BM00b, LHLG+15, vDB05].

Reversible [CL06b, CSS+13, FF12, HCS09, OLZN13, AMK12, CCY+09, CNL13, CTV11a, HC10, HTH13, JK13, LCT10, LCLF13, LBC10, Lin12b, Lin16, LTW16, MM14, PWLL13, TK14, WCLL09, WYCC13, WLC13b, WLT+09, WOLS12, YWHL11, YCLY13].

Reversibly [MKH+12].

Review [CVGP13, GCAH18, KCK+98, LL85, SKT17, UB19, AAAT16, AKAA18, APW14, ALRP16, BWP16, BKS15, BMB18, BKB+07, CFL+18, CP15, DPL16, DBCG14, EFG+08, GJ16, GNA17, GA11, HJ00, IA16, JED18, Jor04, KGB11, KNA11, KGO9, LFW15, LL15, LZ0+13, LC06b, MWM12, MH13, MRT17, MGAN18, Mül05, OGRJ+18, ÖT18, PG12, PFG13, PMB15, RAK15, RCL14, SNL16, SRJL+18, STA19, SLB14, SN07, TJT+18, TTM13, TL14, TPKT12, TCS18, VGC+17, VCMG17, WPL+18, WLLL17, ZADA15, Zha16].

Reviewers [vV10].

Reviewing [AHOP14, Wyn01].

Reviews [Gla93i, PW87, AS17, GNA17, KKiMT96, PLVB+18].

revisitation [Ber02].

Revisited [Ebe94, Gla90h, Raj85, AAM00, Hei95, HYWS11, Iso01].

Revisiting [LRB+19, Man16].

Revocation [ZSM05].

Revolution [Fis81, Gla90a, Gla99c, Gla00i, Har97].

reward [TKJL13].

reward-based [TKJL13].

rewarding [FHHL09].

Rework [DLW08].

rewriting [GLWY10].

REX [CM12].

RFID [ABA13, AYZI10, CPS11, KSKP11, SLLL12, W17].

RFM [HHK13].

RGB [SNM14].

RHODOS [DG98, ZG97].

RIA [CRESF+13].

RIAs [CRESF+13].

rich [BCF18].

rich-client [BCF18].

riddle [KFLS18].

ridge [LKXG10].

right [BDDS11, WCLL09, FGMM17].

rightful [CL08, Lin01].

rights [HJ15].

Rigor [Ma91].

Rigorous [H89].

Ring [WK00].

RISC [LKP13].

Risk [AIL00, Ban08, KL95, She94, AV12, AD14, BP13, BRS10, CMM15, CLF+13, EBGR01, FY04, FW00, GKS18, GJO8, HH07, HFE10,
Safety-Oriented [CFK91], safety-related [Lut96], sailing [Gla00n], Sakai [LWZ12].

SALSA [BVV+10], salvaging [CV95].

SAM [HC8+16], HYS+04, same [CPZ91, Gloa95]. sampled [ED06].
samples [Par00, RHRC15]. Sampling [Dye93, QXY16, CTY01, HHI06, TPW04].

Sampling-based [QXY16]. SAN [SSF15].

SAND [LH+16]. satellite [Rog89].
satisfaction [EK12, Gloa94i, PRS11, VLL18, vdBVsv10].

Satisfy [UH96]. Satisfying [VT98, VT99].

SAVE [ACF+07], saving [CWH10, LZZ14, YZG+13]. SBSE

[HC15, PMB15]. SBVR [SDB18].
scalability [PHBJ16, YC11, ZS05a].

Scalable

[CCH14, FS19, JGdL17, LKL+11, LQC+14, Luk11, MSA16, ND18, AM04, DK15b, FCT16, KLL+11, PN14, PWCC01, PPM17, SST16, SM03, YC11, YSK06, YSK09, CSS10].

Scale [AR94, Gom94, HH97, HL90, OKOM97, WWC97, APS16, BBL+18, BMES04, ÇB16, CSM15, DvdVA+13, Dœu01, DPL16, EH19, JSM10, JK12, JLC04, KLL+11, KL07, KPG+07, LTK+15, LLL+14, nPH+16, PWLH06, PFG13, PTF+15, SAH12, Shi17, SXW14, SVM19, SAN+17, TTC04, TPTV17, TTM19, WFF18, WWC08, WB15, XWZC14, YAY13, ZK13].

scale-free [YAY13]. scaled [KCR16, LWOY16]. scaled-out [KCR16].

Scaling [KGW12, AR17, CS12, DvV+16, KAS18, LCL15, TSCB19, Wie14]. SCAM

[DHKv06]. scan [KPS10, CCSC01].

scanning [LCLL08]. ScapeGoat

[GBV+16]. SCARAB [CMS04]. scarlet [Gla00b]. SCC [KM17]. scenario

[BPW1, CLSC98, DK15b, HRI10, KKP06, LdSBA+08, PILO06, SCMS15].

scenario-based [BPW1, SCMS15].

scenarios [BJS+10, BRS10, JS13, KCV11, MSGH18, RRD06, SSF15, TSA08, WPP+09].

schedulability [BL19, FBD+18, Kim17, LS14, LHSK06, SL08]. Schedule

[AH90, YO04]. schedule-based [YY04]. schedulers

[HI17, LF6C12]. Scheduling

[CZ91, DK97, Ker92, LZZ15, LG05b, LZY+15, MC91, SKT17, SK10, WWC97, ZL13, ZRL87, AB19, ALRP16, BLS18, BLO2, BNSG05, BJK+11, Çam00b, CCSC01, CCSC07, CCKM09, CL10, CZG+15, CY16, CT94, CK15, CB+15, DvV+16, DR12, FHL+15, FHY17, FGBK10, GH04, GBC16, HyLW+12, HTK00, HZG+12, HY11, HCY04, HI17, KC16, Kar01, KSN17, KCS01, Kim17, KCV11, LL00, LC05, LESL11, LS14, LCL16, LS17b, LCF08, LRC+18, LJM11, KL05, LHSK06, MMM0, MMZ+16, MCKA18, MK15b, OW04, PK0a, PNK06, PK01a, RFO10, RX+19, ROGF13, SRS15, SBZ+17, SLW+15, dSSJ18, SA05, TKJ13, TKJ15, TDCAF16, TC16b, TSSD09, TSPH06, WWC00, WEL+10, WMW12, WX10, WCI11, WCB+17, Yoo09, wZIG13, wZIG14a, wZIG14b, ZW15, ZCC+17, ZHGL11, ZGSH13, ZK09, DOCS13]. Schedulings

[BAH96]. Schema

[Sak84, KSP11, NTRN11]. schemas

[CT09, DZW+09, OT17, RB09]. Scheme

[CT97, TC93, Won93, Abo06, BCW05, BMS11, BLC+18, CC09a, CBS16, CCSC01, CL06a, CL06b, CPW09, CCLL11, CL13, CH10a, CT11a, CW14, CJS01, CK00b, CHL+08, CW09, CK08, CE08, DZ07, FWCS12, FWT05, GJ13, HSDP+14, HW01, HH05, HL13b, HC04b, HHL06, HY95, HLL01b, HCC10b, IB11, JC98, JW06, KB09, KC09, KKL011, LC10, LSR13, LCL08, LHZX12, LH11b, Lin12b, LWC13, LCC+13, LWC+16, LJM11, LW13a, LWL09, LWT16, LY18, MV05, MV06, MK06, MKS+18, MIUM12, NNVD17, PTO08, Pen11, RPSTL10, SKZ+04, Sha05, SCL07, Sha07, Sha09, sGFL05, Shi10, SH98, SGBCP12, SV12, SXYM11,
TK14, TW07, TLL13, TLL12, TH02, UU11, VHL14, WZ01, WL05, WF07, WCLL09, WMYZ11, WPwNyL11, WLH13, WYCC13, WC+14, WZ11, WHO1, WH02, WH03, WL09, WLT+09, WKH11, WOLS12, WS13, WC015, XY02, YTH04, YWTW11, YC11, YCC16, YC08b, ZC05]. scheme [ZM12, ZADM10]. Schemes [TL95, AQK11, CWH00, DDD14, DR12, Glab9d, GPM08, HZK01, KTK01, KM04, LU06, LGZ07, LWC+18, LHYZ12, NSL00, OD10, PSH06, PCH12, Rom98, SHT05, VM00, WMMW12, WY06, YZG+13, ZT14, OS09].

Scholar [Won10]. Scholars [Gla96a, CLL14, Gla94a, Gla95c, Gla97a, Gla97j, Gla98b, Gla99a, Gla99b, Gla90c, Gla00d, GC01, GC02, GC03, GC05, KLA+19, TCG06, WTG+08, WTG+09, WTG+11].

Science [CA87b, FM90b, Gla92a, KMGG91, LIC92, TLPH95, CC02a, CA87a, CA89, CA90, FZ95, Gla96a, Gla97e, HG18, KMM98, LV18, RGV04, SZ06, STA02, VB99, ZL06, ZWE90].

Scientific [Ke15, KSW93, LC06b, Re90a, ALRP16, GE15a, Ke19, LNW+11, Rya13, SIS13, ZLD13]. scientist [Gla96c].

Scientists [LC92, HG18]. SCOOP [MNM12]. Scope [MB17, AKL14].

Scope-aided [MB17]. scoped [LMV09]. scopes [CHL+19].


SCTL [VAS+04]. SCTL/MUS [VAS+04]. SCTL/MUS-T [VAS+04].

SDL [WQM05]. SDN [MCC+18]. SE [IZ18]. SEAL [LY07]. seamless [hCSW+04].

Search [AWSE19, BW06, CCH09, CVGP13, KOL+14, O008, AAC00, APT+12, BL11, CCY11, C2L99, ECRV11, FRI+01, GLA95e, GZS+18, HNH15, HG18, JC15, JRNS10, KAU16, LM15, LC00, LHLG+15, MFTP18, MCV16, MGM16, MSGM17, ND18, PM09, PMLH13, PWA+19, RR19, SS15, SBA97, SED16, WHY+12, WAG15, WZG+17, Y08, ZK04a, ZC08, ZGL+10, HLS+13, HC15].

Search-based [AWSE19, KOL+14, O008, HNH15, LHLG+15, MFTP18, RR19, WZG+17, ZC08]. search-centric [CCY11].

Search-order [CCH09]. search-order-encoding [PM1H13].

searchable [KTT+17, RPSL10]. searches [AN091e, GHL91i, PTK00]. Searching [Tan96, TPN+09, Mus03, TBC+16, ZG10].

Seattle [MII89]. Secondary [Kus90, WK88].

Secrecy [Tese07]. Secret [CT97, EA11, LT04, WS13, CT11b, CLH+13, CW14, EEAZ13, FWT05, GLW13, HH10b, HLC99, LT13, LyWSZ10, LHYZ12, MBR11, UUN11, UUN13, WZ11, WS12, WOLS12, YWEL+13, YC11, YCC16].

secrets [DM07, TCC02]. Section [BKW10, BCDM06, BFL13, KB07, LW02, SLR16, Sol87]. Secure [GAN+18, JTH97, KMS04, LH11b, RMC05, SCH05, ALT+09, ABF12, CDA11, CC09a, CCL11, CW14, CH10b, CL13, EZOK14, FS06, GKD13, GRBA10, HLT90, IB11, KKH11, KLHG07, LLY07, LHI1a, LSR13, PSDo+13, RG10, RITF+11, SM17a, SC14, SZ98, SXY11, SIS13, TLL12, THS12, WFO7, WLL+13, YC12, YZ05, ZG10, ZZ12, ZMN05].

securely [SYT+17]. SecureSMS [SC14].

Securing [CPL13, OM13, PDK+16, CH07a]. Security [BM83, CDS10, CC02b, HRB12, LKH+08, LKH09, LL07, MV95, AV02, AMK13, AMHJ09, BP13, BSG+18, BL11, DAR14, DK01, EFG+08, GPM08, GJ08, GMS11, HFE10, HY95, KOS15, KIM07b, KJLK07, LH95, LLLZ06a, LLLZ06b, LDS+19, MBB+09, MIKG13, OS09, OL15, OKMD12,
security-engineering [VHF02]. SEED [KKP12]. Seeding [HOT97]. Seeing [GW10]. seek [CCSC07]. seek-optimizing [CCSC07]. Seeking [KJ01]. seem [Gla96g]. segment [WGW+09]. segmentation [HHC12, KSRD10, ST11]. Segmented [ACGS+08, CGSGR06]. Segmenting [AHLH16, KSRD10]. SEGRAS [Kr¨a91a]. SEI [BT05]. SEKE’01 [VE03]. SEL [RUV92], select [WHY06]. Selected [DHKV06, LH12, Sai09, Bor12]. Selecting [CCD+04, DF00, MS97, RSB+14, WDS09, LMPM18, Ozk97]. Selection [AHC+11, CL97, DA86, Fra90, Jor10, LH90, MSH92, Pas96, Vel87, Zvi93, AM10a, BWW+18, CPR13, EFSMJ17, GPMI13, GWW+11, HJ12, JS11, KNA11, KLC02, LGx09, LQLW12, LT+15, LWZ+16, LNts19, Loo05, MBBo1, MK08, MSA08, MK15a, MB17, MIK13, MAAC17, NDM80, NCW+19, OZO+14, PB15, PMB15, RAK15, SM00, SSP17, TCK14, TC16a, VJB06, WHL89, WQJZ10, WGC+14, WCX15, WXY+17, WH15, XLL+19, Zha12b, MGM10], selective [LW13c], selectivity [HLW08]. Self [ABB15, BJG11, BELL, BM17, CHLW17, EK12, GBH+16, HWR17, JS16, PCYZ12, SRT+12, Sha07, ARS17, BSK+18, BCW05, BDK08, CCdL+16, CV16a, CWH00, CPYZ14, CG12, CA94, DWC17, FCB+16, GSP+19, HPT07, HGP+12, HM16, KKG+12, LL06, LT13, LY01, LZR16, MKS+18, MCS+12, MAS13, PCHW12, PSMB01, PMM12, PDL+16, QXYL16, SB17a, SSK19, SGEK19, TJJ+18, WMAS12, WH03, WL09, YXP+18, CV14]. Self-adaptation [BBD18, GBH+16, JS16, CCdL+16, CG12, FCB+16, GSP+19]. Self-adapting [BJG11, HGP+12]. Self-Adaptive [ABB15, CHLW17, HWR17, ARS17, BSK+18, KKG+12, LZR16, PPMM12, QXYL16, SB17a, TJJ+18, WMAS12, YXP+18]. Self-Adjusting [CV14]. self-admitted [MKS+18, SSK19]. self-authentication [LT13]. self-aware [SGEK19]. self-certified [Sha07, BCW05, CWH00, LL06, WH03, WL09]. self-configuration [MAS13]. self-contained [LY01]. Self-control [EK12]. self-correcting [CV16a]. self-managing [PCHW12]. self-optimization [CPYZ14]. self-organizing [BM17, HM16, PSMB01]. self-reconfiguration [PDL+16]. self-scheduling [CTA94]. self-stabilizing [BDK08]. self-tuning [PCYZ12, SRT+12, DWC17, HPT07]. selfish [GAT15]. SelfMotion [CGPT14]. Semantic [BG06, DH13, Lz07, MJF10, MR84, MV93, MM93c, POn06, RVdV17, VM93, XLM+15, Zhou06, MPG+08, BDo11, BKS11, BKS14, BFPGAS+08, GMLSF+15, GPL+15, KKLC12, LPM15, LZ06, LBX12, MTF14, O’B08, OCN89, RHRc13, ST13, She89, TJH15, Zha04d, dBvV08, AV04, AV08, DJW08, EZRK16, KM17, KR14, LICA09, TTM13, VGM13, ZLT10]. semantic-based [GPL+15, LZ06]. semantic-preserving [BKS13, BKS14]. semantic-web [RHRc13]. semantically [CdR+14]. Semantics [HM96, MOD+19, MP95, BCF18, CIC16, GKV14, GHK04, KNY09, KZDX09, LLLK12, SK18, YBE17, ZC06, Zha16, ZL06]. Semantics-based [MOD+19]. Semaphore [NM93]. Semi [HZ15, BSG+18, CdCmMnsNdA16, GgV+18, KBHG17, OGRJ+18, PPS12, SPLW17, VA08, XB19]. semi-automated [BSG+18, CdCmMnsNdA16, SPLW17]. Semi-automatic [HZ15, GgV+18, KBHG17, OGRJ+18, PPS12, VA08]. semi-partitioned [XB19]. semiconductor [AT18]. Seminar [FM90b]. Sender [HJ90a].

Sensitivity [Eva83, BRC09, LHC+05, LWW+10, LTW16, XH98]. Sensor [DFCPFS15, AN10, Bar15, BRG+12, BLM+08, BK11, CBS16, CLY14, CFN07, CLF+13, DBcdP11, FS06, HWHT11, HSS10, JLYK09, KPSK09, LCC10, LT11, LLK11, LWOY16, LWL+16, LWC+18, LHP+09, LHP+10, MLLK11, MBM+09, MC10, MT10, MKRO14, NSAK10, NNVD17, SBS11, SGBKPC12, TL07, TL09b, ZCT+09, CDRT13]. sensor-based [CLF+13]. sentiment [IZ18, JR15]. SentiStrength [IZ18]. SentiStrength-SE [IZ18]. separability [XY02]. separate [ADTZ12, Deu01]. separated [PCC02]. separation [CCF+04, LWL04]. SEProf [TC12]. SEPS [LAHS97]. Sequence [ZLG10, CJ13, CZC+18, CZH+08, HHK13, HDDLK00, WLC13a, WGZ+12]. Sequences [MTW97, LK13, LZL+06, MJZ+10, Pra18, YZY+18, ZJC+10]. Sequencing [HL83, LCCH02]. Sequential [AQ90, Sch91, HWL13a, HHK13, JFC08, LAH+16, SJJ13, VH92]. SERFs [Sri07]. serialization [LL00]. series [AGC13, KYPW06, LKL04, LNY+11, SB17b]. serious [GSM15]. Server [Wou93, WNHM86, ABW07, BHAM09, BLM10, CCDD00, hChSyCwL10, CPL+04, EB17, Gl97d, HLO1, HCO4a, HWLM11, MAS13, NXS00, OFWP07, SKZ+04, SMS94, SLLY17, THWC10, TCL6b, TLL12, YS04]. servers [AKP04, CDC09, HH05, MA09, OFWP07, SM03, TYH04, ZG97]. Service [AM15, CNG16, CBC+15, DST+04, EMSU11, HBG+14, HS15, L597, MPG+08, NIt98, Rv91, Ry2, AJG+15, AT09, AKAA18, AP+14, AM10a, AK15, BBD18, BMLL14, BMKM15, BZ14, BDBLP15, BVV+10, CT00, CFN10, CDPM17, CGPT14, DMQ07, DGV+07, DTV+16, DS16a, DYC19, DTVO9, DLW+13, FYCL13, FMP09, FSG+11, GML05, GS17, GCLD13, GMMC13, HBG+13, HWW11, IYS13, JLYQ+10, KPTV09, KDS+08, KUK07, KMK17, KK08, LPR04, LMN10, LPM15, LT09, LQLW12, LRY+99, LWW14, LWWL14, LGL15, LG16, LVPMPCLS13, LY18, LGZ15, LGZ+18, MS17b, MG107, MSL12, OLV15, OCC12, PK02b, PSS11, Pot13, PMN04, RAS14, RBW18, RT07, SW10, SKZ+04, SBGT13, aSRs+10, TG17, TYY04, TSCB19, TDK+07, TDL+02, UZ09, VWT+14, WCX15, WXY+17, WNC17, WBBK18, WYY+12, WZJI14, XYCL17, YMM+17, YMM+19, YZ05, YGH+08, ZTC16, ZWM+18]. service [ZMN05, ZHGL11, ZHAY12, ZG07, dVRB13]. service-based [CFN10, GML05, KDS+08, LMN10, aSRs+10, WYY+12, YGH+08]. Service-Level [RV92, RV91].

Service-oriented [AM15, CGPT14, GMMC13, JLYQ+10, Pot13, WYY+17, dVRB13]. Services [Gas96, LP07, RV91, RV92, AM10a, CDEV08, CLO05, CCH14, CC08b, CH10b, CMS04, FdSdP08, GFP11, GPSS+13, JCC05, JRB+06, JSBR09, KTT+17, KSH09, LRO19, LKL+11, LZO+13, LLX+11, LNPGAD+06, MGB16, MCTM11, MSA08, Oja16b, PSH06, PWS+15, PCG+14, PHBJ16, PNL07, RHL+17, SRG08, SFMB16, SKK+18a, SCO13, SSB98, SKF17, TTM13, TTC18, TSP06, VPL+10, WZJ01, Wau19, XPCBC11, YDGB+12, YAT11, ZP05, Zha09, ZMK12, MPST06, ZL04].

services-based [SRG08]. session [HLT09, SHBC19]. Set [CL97, FM93, ML95, SKY94, DW11, LWL+13, SW09, SKW06].

Shared

[BW95, Hc86a, AHW10, CN04, GAW92, ISS98, Kar00, LF91, LUS+00, SBZ+17, SMU98, USLC01, WDCL08, Xia13, YYS+16].

shared-memory [Kar00, LF91].

shared-resources [AHW10]. Sharetouch [TCCH12]. Sharing

[CT97, FMP86, Sh91, TCC02, AAC07, CT11b, Che13, CLH+13, CW14, EA11, FWTC05, GGK19, GLW13, HHH10b, HLC99, INS00, LT13, LSH09, LUS+00, LJA+11, LyWSZ10, LT04, LH08, LHYZ12, MQG+17, DM07, SSA08, UUN11, UUN13, WHY+06, WKH11, WS12, WOLS12, WS13, YVEL+13, YCY07, YC11, YCC16, XG10].

shelf [AHC+11]. shift [Sta03]. shifting [CSS+13, HC10, HTH13, WLC13]. Short

[Sca88, LHX12, San16, THS12]. Shortcut [Tho06]. Shortening [LZL+06]. Shorter [PPB16, EDF06, LMT16]. Should

[SW09, ED04, FFdRG+14, JLZ+19, KM13, ZZ16, Gla89e]. showcase [CMK+11].

showing [RB89]. SHT [PDBD18].

shuffling [Pen11]. Side

[KKP12, CL06b, MSA08, XNP07, GZG+13]. side-channel [GZG+13]. side-effect [XNP07]. side-match [CL06b]. SigDAQ [PK02c]. sighting [Ber02]. Signal [CWK10, LLLZ06a, LLZZ06b, RITF+11, RA16].

signaled [SSK98]. signature

[BCW05, BMS11, CC09a, CWH00, CJT04, FWCS12, HWW01, HCO4b, HYWS11, KBD09, LH01a, LHXZ12, Sha05, SCL07, Sha07, Sha09, Shi10, SV12, SLLL12, SHT05, SYXM11, WC07, WH03, WYL06, XY02, YTH04, YKC+12, ZC05, ZM12].

signature-based [SLLL12]. signatures

[CL07, GMS11, HR09, HH08b, J04, PPB16, THS12, YZC15]. signcryption

[HS11b]. signer [CJT04]. signer-verified [CJT04]. signers [HWW01, YTH04].

significance [MSG08, MI04, SK02].

significant [MSG17, W11, YHHR03].

Signs [vV13]. silver [Ano87d, SBAH17]. Sim

[SPP+15]. SIMD [AT97]. SimFuzz

[ZZ+12]. similar

[ASMM18, TPN+09, XHH99]. similarities

[JLZ+19]. Similarity

[HLK00, MG11, Ocw06, CH07b, DII+17, KCB05, yLeY98, LBX12, LQC+14, MER17, PXT+13, ZLL+12, dBV09].

SIMPARC

[BAH96]. Simple

[KK81, ZR87, vD93, Ayr04, CW02b, H01, HL01b, K099a, MT10]. simplex [PS14].

Simplification

[OTT17, CL17a, CCHT09]. Simplified

[BK92, MR83, RRT01].

Simulated

[Ree85, CNM18, MK15b, PH06, TIA04].

Simulating

[GHK05, MWH98, TB00, BMES04, CS01].

Simulation

[AH90, BP86, Chr99, HWL11, Kar94, LG97, Mer87, RW01, Rey80, SW93, WSN92, WNSC06, AH88, AP14, AWSE19, BGG+06, CBZ00, CT13, CXO+15, Chu97, CHL+13, CFCN07, DB05, DI01b, DL09, ED04, ED06, ELK06, FCSM09, GW01, HRN+01, HFC+01, HMC01, HMC98, KMR99, KSN17, mJKE01, L09, LLY+09, MR01, NKJT09, PB11, PWCC01, PKR01, RVM99, RKO0, RCL09, SCGL+18, Sca99, SNS11, SLW+15, SL00, SP08, SG01, U2z13, VKL16, ZK04b, LAHS97].

Simulation-based

[AH90, HWL11, AH88, AWSE19].
Simulations [CET+08, DPP+18].
Simulator [DHO1a, LSC04]. Simulators [BAAH96, dOCS13]. Simlink [HTB16, ZC08]. Simultaneous [AZV+11].
Singapore [LC06b, PC98a, PC98b]. Single [AH93, St0a9, ARM16, ABW07, MDFG08, URG10, NL94, WG+09]. single-company [MDFG08]. single-link [WG+09].
SIP [hChSyCwL10, GFP11, HBG]. SIP-based [GFP11, HBG]. Sirius [TPGdS14]. SIT [QXY16]. site [CT08, Pon06]. sites [Cdr+14, FG15].
situation [YGH+08]. situation-aware [YGH+08]. Situational [ANH07, LK16]. situations [HCL+10]. Six [SM07, MSV+18].
Size [Bow84, Lok96, AP09, ASN15]. CGMPAP08, DW11, HT07, HRZ06, HH06, JH01, KPG+07, MCC03, MCI05, RSCH12, SHBC19, WL10, WHMP99]. sized [dSdMSNO+14].
SLAs [DTV09]. Slice [Hs91b, HU96, MLD+14]. Slice-based [MLD+14]. slices [JG08, JIC+14, WQ06].
Slicing [BL98, KL90, HBD03, Kam95]. Kri06, MKM+06, MM06, PB11, QBO+14, aSRZ+18, YBE17, ZS16]. sliding [DS12, NDI13]. slot [SRS15]. slower [Pon06]. slowly [FS14a]. SM [Lop03].
SMACK [TDW+14]. Small [DLG96, Eva97, HH97, RZ94, AT18]. BdMSNO+17, DY15, HBB13, Jor14, LM¥MGT08, PPP+10, SS07, SSCL08, VA17, dSdMSNO+14]. Small-Scale [HH97].
small-to-medium [VA17]. Smart [WSQM05, AMCC14, AKA+15, CFL+18, GGB19, HCC10b, KKP12, LLL06, PB19, Sko14, YSL+10, WHN+01, GSN+15, BBC+08, HWdS+15, LZR+15, PCG+14].
Smart-Cards [BBC+08]. SmartTutor [CHZ+03]. SMCD [EA14]. Smdc [YNDS88]. smear [HHC12]. smell [SRJL+18]. Smells [GK18, FLRT19, KH19, L07, OKS+15, SS18, WFF18, YC13, FFWE17]. Smerfs [FS88]. SMEs [CO12]. SMIL [CH05].
SMIL2.0 [YWT07]. SMLI [KM92]. smooth [Gla00n, GRT13, YC11]. smoothing [Ng09, WQJZ10]. smoothness [LBCL01]. SMP [HL01]. SMPKp [DCH02]. SMS [PSD+13, SC14]. SMS4 [LGW09]. SMSCrypto [PSD0+13].
snapshot [KMS04]. Snooping [BW95]. Snort [WHC07]. SOA [PZ15]. SOAP [DZ05]. Soc [CTL10, KPT09]. Social [AZX14, BV18, GMGTdFR14, Woh16]. AGBD14, CdR+14, DJW08, ECRM11, HY11, JLY14, KAU16, KB16, LS17a, PSM12, RNC14, Sko14, SZ13, SHH+15, TC12].
Soft [HJP15, CF15, KMSM10, KR08, LSE12, SLO18, WX10, ZWO00, ZW15]. SoftClass [MRW+94]. Softcost [Rei87].
AK16, AMJP6, ACD191, Amn91, AC16, Ano84c, Ano86d, APS+10, Ara95, ANB93, AS06, AM94, Bab91, BW16, BH02, BGS+16, BCE10, BHN05, BEZ14, BBF+90, BQ6P+10, BF81, BdMSNO+17, BL95, BBND+18, Ber81, Ber91, Bh90, BBC+88, BS96, BD10, BW80, Boe83, Bol97a, BST93, Bor12, BL03, Bos12, BC91, BN90.
BW93, BCL12, BT97, BC94, Bro81, BHR89, BF90, Bux90, CaI98, CBT+14, CA87b, CB89b, Car92, Cav84, CS19, CL81, Cha95, CT94, CC11, CA14, Chr91, CV95, Ci091, CVGP13, CLO95, CR89, CW90, CR94, CGD+96, Coo81, CUY90, CG05, CBOR88, CMP85, CSSW05, CGA08, CDJ+84, DS92, DGM93, DG92, DLS94, Deh90, Del08, Del92, DJL93, Dha95, Di87, DB86, DSS5, DuV95, Dye87, Dye93, EB14a, ESWA18.

Software [Emd91, Esk89, EL94, Eva97, Eva83, Fai85a, FS88, FM93, FM90a, Fen93, FN99, FG93, FM08, FM90b, FWP93, FWD97, Fis81, FF95, FFG7, FG94, Gar13, GHC91, Gl95, Gla88b, Gla89f, Gla90c, Gla90d, Gla90e, Gla91e, Gla92a, Gla92b, Gla92e, GV92, Gla93e, Gla94, Gla95h, Gla96a, Gla97a, Gla97f, Gla97m, Gla98, Gla99, Gla99d, Gla99f, Gla00j, Gla00k, Gla00m, GC01, Goe80, Goe84, Gom89, Gom94, Gom95, GMSLF9+15, Gon95, GR97, GC94, Gul96, HL94a, Hag91, HMO0, HBC94, Hak81, HLS7+13, HC15, Har95a, HC87, Har90a, Har90b, HST16, Hen95, HL90, HG91, Het95, HDS4, Hon90, HS95, HG18, Hur93, Iso95, JED18, JVP+98, JAR93, Jef87, Jef91, Jef96, JK00, JL97, JES03, Jos83, Jos87, Jos94, KHS1, KFC6, KB96, KSS84, KM17, KR14, KMMG91, KMR99, KSH92, KS96, KAL97.

Software [KN97, KLY03, KR08, KTS5, KPM95, KB07, KT16, KM13, KKS1, KL91, KJ10, KV05, KRC09, KCK+98, LH12, Lak97, LLM+17, Lan90, LV97, LH98, LL85, Lca95, LF95, LP00, Lee93, LM94, LKJ+10a, Leu92, LH93, L99L9L9, LCCJ10, LGH+17, LTT92, Lin99, LPLS78, LHP+10, Loh84, LF09, LF96, DVG08, LN13, LdSBA+08, Mac91, MM95, ML18, MH13, MSS81, MTG92, MM92, MD02, MR80, Mea09, ME10, Mey88b, MRW+94, MI99, MTH99, Moh81, ML08, MP90, MB94, MP90, MDR06, MH04, MK90, Mus80, Myt90, NSL+07, NS87, NG91, OKOM97, OHK93, OG80, OH94, OW84, PH06, Pan81, Par00, PBC93, PdC94, PdF97, PW10, PM90b, Pha94, Phi98, Phi81, PMB15, PL92, Poo93, PC98b, Por93, Pou95, PUS4a, PV06, Puj90, PKB09, RMT19, RZ94, RVM99].

Software [RW01, RST98, RAC90, Rey80, RB93b, RCL99, Rs90, Sakk99, Sai09, SN91, SPTM15, dAGSDS8+15, SS17, SL80, SCh97, Sch81, Sf90, SCL13, SHe94, She95, SL96, SCK95, Seen3, Sta10, Sta93a, SVK94, Sta83, Sta85, Sta90, Sta93b, SP94, Stu83, SB93, Sub93, SB95, SJJ07, SSS11, SBB8, Tak97, TL14, Tar92, Tan80, Tan92, TSA08, TC89a, TTP97, TGB17, TR89, Ttr90, TV94, Tri86b, TUK93, TB95, UD10, VLL18, VTM17, VE03, VCB+18, VT87, VM93, WL15a, Wal91, WTT8+15, WLL9a, Wh97, Wh99, Wha90, WL10, WH91b, WSR+83, WPL95, Woh16, WCTK12, WWF94, WFZ96, XHW99, YN91, YNDS88, Z95, Zef96, ZCF7, ZP06, ZLCY06, ZJDB02, Zuc90b, dSdMSNO+14, dAK8, vDB05, vS83, vAW93, vC80, AH88, AGS13, AJLS10].

software [AZvG11, AT18, AC19, AKH12, AZW07, ADC018, ACS07, AC17, AW07, AD07, AK08, ABE818, AGS17, AAI82a, ACG+15, ATVH18, AE05, AMKD13, AM18, ARS10, APW14, APS16, AKL14, AL05, ASMM18, AGC13, Alm80, AKKS11, ABC+13, AGB02, Abd17, Ano87d, Ano87f, Ano88d, Ano90d, Ano92f, Ano94d, AB10, ABL15, AAA11, ACGS+08, Ati00, APSC10, ACW10, AS16, AHC+11, Ayr98, ANC11, BKZ+06, BVN07, BL09, BP13, BC8Z14, BW7+18, BH03, BM05, BMA+13, BAI05, BM18, BKS15, BND05, Ban08, BCFP19, dOBWT04, BCR+19, BJ03, BV16, BM89, BCDM06, BK10, Ber03, BT06, Ber94, BFLZ13, BCL+18, Ber98, BZ14, BLTY18, BGG10, BK95, BFR09, BiS13, BDV17, BRS+18, BBS10, BDA+02, BDM+19, Bra99, BKB+07, BWDP00, BW01, BD08, BS15, BK11, Bud00, BT05, BM00b, CX10].

software [CGB16, CCW+01, CC02a, CGHL07, CC08a,
Oja16a, OD10, OY16, OB13, OCC13, ÖT18, Ozk07, Özmu09, PEO11, PK02a, PB11, PB15, PDC01, PAB+17, PLHP+15, PCHW12, PSM01, PS05, PH13, PCY12, DNA15, PCDG02, PCV+08, PPM14, PFG13, PTRW04, PIGÖ08, PKR01, P989, P900, PPG+10, PK89, PRN17, FSZ17, Pla95, PC98a, PCCK18, PDL+16, PU84b, PFL16, PVSG05, PNM04, QGZ+15, ROR11, Rad84, RK00, RBT11, RDD06, RH02, RH03, RSM00, RSS00, RRV19, RSB+14, RSB+16, RPT19, RPL97, RSP03, RCCVB11. software [RS98, RR00, RGBM06, RSGH12, RHL+17, RW00, RMO+08, RF14, RRT01, RO09, SOS+18, SC99, Sai02, SW05, Sai07, SW19, SD16a, SB17a, Sai80, SGP12, SN16, SNBH08, San16, STA19, SAR15, Sca99, SA12, SSMvD16, SA06, SCwY12, SLB14, SAH12, ST07, SS18, SL08, SSAS17, SSS17, SS98, SMCL96, SH98, SMDM05, Sth03, SXWY14, dMSSS+13, SHW02, SWA+13, SW09, SLR16, dSSVV11, SGMHJ13, SA08, SS04, SM08, SDBB19, Som13, SS07, SSCL08, SHC+11, SZW+16, SdSGdMSN+13, SSA08, SA18, SG12, SB14, SNDCl3, SM16, Sta99, SFM99, SHHL12, SH07, SHTG16, SC01, SJJ+10, Sut00, SM07, TA02, TKM03, Tan04, TBsvdW18, TJJH15, TBG13, TC98b, Tha08, TPRW04, TT09, TQ05, TT98, Tia99, TNA01, TN05, Tom89, TSC04, TTR+13, TR18, TKP+18, dBTdSS08, TKCR14, TGE17]. software [TK00, TL09a, TC12, TCG06, TCS18, TTMI19, UGF15, Uzz13, VCD+16, VA17, VAJ18, VM07, VM89, VK08, VMB+08, VLC+17, VB09, VVA+15, VEM+01, VBC+14, VP00, VHFST15, VHF+17, WPC06, WCSS15, WKhOS17, WBB09, WB12, Wei79, WeS02, WMC17, Wey99, WGS+14, WSS13, WCV+98, WBP+03, WK00, Wi89, WHB01, WRR14, WR99, WRdMSN+13, WSM15, WSO05, WGT+08, WGT+09, WGT+11, WLL17, Woo80, WAWO12, WDN05, XLW18, XH98, XYSO7, XYCL17, XNPO7, YMM+17, YMM+19, YFZ+16, YLZX16, YLA16b, YLA16a, YCA17, YAKK16, YHMS16, YSO2, YKC+05, YR09, YLCZ12, ZÁ15, ZADA15, Ze88, ZP00, ZSP01, ZML10, ZLC+14, ZCY+16, ZZC18, ZWF+18, ZFY+19, ZGYS+15, ZL07, ZLZ+96, ZZP15, ZP17, ZSO5b, Ze90, dSF12, dL13, dBV08, dBV03, dOZR+04, dOSdAdSG17, dRSBA13, dSB12, dRRT06, fLNS18, vVT16, Ano91b]. Software [Ano95h, Bas80, BB08, CCCY17, DB86, Gla88c, Gla91f, Gla98i, Got90, IBAH12, JWT17, LAHS97, LMWM18, MA89, MP12, MMB10, NFSM11, Qui94, Shi12, TTT14, VM89, VPMVM+13, WVT+14, WB10]. Software- [MP90]. software-as-a-service [BZ14, WVT+14]. software-based [AZW07, KSAOK04]. software-dependent [Car99]. Software-Engineering [LAHS97]. software-first [Gla00]. software-intensive [AAA11, FOR19, GBH+16, MAH18, dSSVV11, YMM+17, YMM+19]. software-module [Leu97]. software-producing [BV16]. software/hardware [TCSC04]. solid [nWsCqW12]. Solidifying [VPMVM+13]. solo [Mii07]. Solution [BBG86, Chr86, Glao90e, MBCD86, RT86, CHY+05, HH+10a, LQLC16, PPN+15, Th94, TBC+16, nWsCqW12, Wij03, XJZ+15]. Solutions [FN86, CJ09, FCMJ12, FCRF16, KSKP11, KG09, MSS18, MAEL19, Rya13]. solved [Ano91c, Gla91i, Gla98f]. solver [EK12]. Solving [CJT04, HCDJ08, Rod86, ADTZ12, BRS+18, Dar02, DSSL09, EMBS17, Glao9d, KK17b, KEK04, PA99]. Some [AM94, Bro81, Gla89g, Glao9a, Gla90f, Glao91h, Glao97i, Glao98f, IS03a, JZ05, Sah94, Wyn01, ZX94, CTY01, HHKWB16, Lit80, MON18, MKK09, PK89, SHT05, WYL06, BW80, Gla94e, Gla98i, LF98]. Someone [Gla92b, Lak93]. Sonata
[GBDCR12]. **Sorry** [Het95]. **Sort** [Krä91b]. **Sorting** [Ver89, Amm89, MM01b, PS09]. **sorts** [Gla00f]. **sound** [LSR13]. **Source** [CR90, LTHR97, LMWM18, MP12, NVPGPM17, OHL17, Shi12, AW07, ACB18, BGH+08, BCG+14, CAHV15, CF07, CLL05, CHL+19, DH09, DDGR09, DFCPS15, ESM19, EAH+11, FMSG08, Fug03, GPT16, GW10, HNZ17, IKBH14, KTF15, KKT17, KR14, KMA12, K17b, KLI07, LAT10, LWZ+16, LWZ12, LRD+19, PAB+17, RGM06, RA16, RNR17, SM09, SHW09, SM08, SSA08, SG12, VG018, WFF18, YLXZ16, YSC+06, ZQZ+06, ZFY+19, CFMR11, DHKV06, GL14, KGM06, LLS11]. **Sources** [HSS14, CDOP15, LWZ+16, NTHN11]. **SPA** [LLT+09]. **Space** [KA96, Zha08, BAI+14, DGRN10, LWHS05, LO04, MM19, PM99, PWC12, RKK16, THP+06, VVA+15, WHM99, Xia13, Znu04a, Znu04c, vLJ1B+17]. **Space-efficient** [KA96]. **spaces** [CGS19, GBDCR12, LO04, PN14]. **Spam** [PAC13, ROFGR13]. **SPAPE** [BKS14, BKS13]. **Spare** [VVS99]. **spark** [MPN+17, MK17]. **spark-based** [MPN+17]. **Sparse** [CBK69, vL10]. **Spatial** [LY01, CC04, CL98, HSL14, HLL01a, LC00, LWHS05, Lin00, MLGA11, MC10, PCC02, RVC17, TPN+09, YWWS10, YL09]. **spatio** [CMC04, Lin12a, ÜDUG04]. **spatio-temporal** [CMC04, Lin12a, ÜDUG04]. **spatiotemporal** [KRK00, KRP02]. **Spc** [DB86]. **SPDX** [KKT17]. **Special** [AC19, ADMOK+10, BCEF10, BEZ14, BFLZ13, Bor12, BKW10, CCCY17, CLR18, CLS1, CA14, CL11, CU89, CUY09, CGA08, Dut15, GP10a, GH08, Har90a, LH12, LW02, LP07, MACB19, MS17a, OPS11, Sol87, TZH19, VZT17, WB19, Won10, WCTK12, YAT11, Al 12, Ano84c, Bas80, Bec86, BCDM06, BCG+13, CCM12, CdS18, DIB14, FKA16, FOR19, Goe84, GBG10, HLM+09, Har88a, JNY84, JVT17, KB07, ML18, NBM19, PMB19, PS16, Pla95, SLR16, WMS12, WMC17, WC16, XST18, ZTPT18, dAK18, FM90b, SS17]. **specialization** [LMGHB17]. **Specific** [DK94, KVH12, Lam97, Pou95, TM97, ACG+15, AMCC14, ARS17, CCW02a, EMBS17, GW95, HAE+15, HGMB13, JHSB09, KMK16, PC10, SKL10, SHS16, SK07, Sp101, ZGH+07, VPdP13]. **Specification** [Ara95, Art87, BFR96, BMSB94, BBC+88, BS93, BST93, CL81, CGD+96, DAS6, DR92, FdSBR06, Fur93, HL98, JVP+98, JL97, Jma96, KD91, Krä91a, Kri93, Lai97a, LL7b, LKI07, Liu93, LF96, Mil96b, MvS95, NC96, NS83, TKU93, VP92, W91, WSR+83, WXY+12, YGH+08, Ano93c, BZ10, BNRO9, CF13, CLSC98, CL99, DB16, DL04, GPH08, GHKRO4, HZ07, Jav88, KU10, LRK13, LW07, LL09, LNPAGD+06, MVSG18, MA11, Ost92, PLCC09, Rob98, RG79, SGK12, SCDS+06, SdSGdMSN+13, TFS10, VAS+04, YS02, YKC+05]. **Specification-based** [JVP+98, HZ07]. **Specification-in-Large** [Ara95]. **Specifications** [AM81, Arm98, Be191, BM93a, BCFG86, Coo90, DGM93, EC98, GM0, PAM94, JvB83, Krä91b, LF98, Liu95, LCZ98, MG81, PU84a, Ur90, Ber99, EBB09, FRF98, GA13, HCS04, HYS+04, HJW08, JMM99, LVC04, MSHB98, Nae01, OSC98, OL99, PU84b, SAMN12, TC89b, WW09, YLC06, ZAO08, dIRT06]. **specificity** [IZ18]. **Specified** [BG96, HCWN05, PRN17]. **specify** [ZC06]. **Specifying** [BCK00, CHS83, Dc92, DHH05, KZDX09, OS87, Rec93, Sny91, ZYA+18, MGR+13]. **Spectral** [SMDM05]. **spectrum** [AZGvG09, AMAY19, BPM06, CCWT13, JJC+14, MMS013, TXCX19, XYZ+19, ZYX+17]. **spectrum-based**
[AZGvG09, XYZ+19, ZYZ+17], speed [ELK06, NsL00, XZP+10], speeding [SWH*09, JDNPM18], Speedup [BP86], SPI [PW10, CO12, WR10], SPI-LEAM [PW10].

SPICE [REF+07], spin [HPT07, AsdMGM14], spin-locks [HPT07].

spiral [SA07], spirited [HL10], SLC [GP10a], splines [BFV04, ZL07], split [HCB+16], split-and-merge [HCB+16].

splitting [LWOY16, VVS99], sponsored [FHT07]. sporadic

[wZIG13, wZIG14a, wZIG14b]. Spot

[LZO+16, WMOKY11], spots [WLZ+17a].

Spotting [GHBD+16], sprays [HHH+10a], spread [BPM06, MMSD13], spreading [HLWS13].

Spreadsheet

[DK94, Lit90, NB93, ZR94, CFM+16, JSHW14, KHW19, ZXC+17].

{}[LTI3]. Springer [Zha08], sprint

[GRT13, FJ98, LHTC19]. spyware

[CHY+15]. SQL

[BG06, FGB+19, GLM19].

SQLIA [Aba13], squaring [LK13].

SQUIRE [KLNS07], SSL [JR8+06].

Stability [MGvFGCB10, SB17a].

stabilizing [BDK08]. Stack

[Amm89, BKS85, CHB94, GXZ+19, SLC00, TCSC04, ZFY+19].

Stack-based [Amm89].

Stack-Heap [BKS85].

TSTAD [Las90].

stage [CCO05, ED04, KKO7a, XLL+19].

stage-activity [CCO05].

Stages

[DLG06, BCB09, DAV88, MAAC17].

staggered [PLF05].

Stakeholder [Hoo14, BM00a, JKWL09, PG12, vdrRBSV10].

stand [DF00, ST89, SSD16]. stand-alone [DF00, ST89]. stand-up [SSD16].

Standard

[BBC+88, Bow84, Sch81, AHGGS05, CC09a, GMR08, KRHZ05, MG11, Rom98, REF+07, SYX11, WZM12a, WZM12b, YC12].

Standardization [Coh81].

standardized [GS17].

Standards

[Ano86d, Ano87f, ENG81, FIS81, TRE81, CF07, CBS00, EG00, LCM+04, Mar81].

Standby [PK02a].

Star

[BV18, AADAD02, MTF14, WHYT06].

Starring [BV18].

Start

[RB93a, FHJ+18, SAR15]. start-up

[FLH+18]. started [AS10]. starting

[SSv05]. startup [BBND+18]. Startups

[ESWA18, TKP+18], starvation [SMZC12].

State

[BL98, Duv95, FN86, FG94].

GAMW14, Har81, HAr95, LDM+19, MDP+11, PMR16, RMB95, RW00, YHM+14, ACS13,

ABL15, DCG16, DHJ05, ED06, EFJSM17, HM09, LDL7, MR17, PM99, PW09,

PDB18, SZ06, Stol92, TJJ+18, TS89, nWscgW12, WMS12, Zha16, KMW12].

state-based [LDL7, SZ06].

State-of-the-art [PMR16, Stol92, TJJ+18].

statecharts [GHKR04, SÅM17].

Stateful

[HMP99]. Stateless [CL18].

Statement

[BBG90, TH05]. statements

[HH06, SKK+18a].

States

[Ch86, TS89, Du95].

Static

[ABS19, BL98, CMP85, EKV05, OMLB16, SSL+15, WGO5, BS12, CPIH09, FP18,

PS00, SCC8, SL07, SNN19, TV95,

WMWZ12, YLC18, Zs16, Zh10]. statically

[QLJG16]. station [HL05b].

Stationary

[Mue86, MK14, MJZ+10, ZL17].

Statistical

[Bro81, Dye93, FS88, KMO91, Ml04, THG10, CLH07, Ckm06, ED04,

FP18, KSN17, LNY+11, Lwik11, MLD+14,

XYCL17, ZCT+11]. statistically

[YAKK16].

Statistics [AH90, EC04].

Status

[FGD+17, LHZS11, Mat86, Rav81, Ano95h, Zs95, GBC11, PMM11].

STD

[Wal91, Coo81, Kv06].

Steady

[FN86].

Steady-State [FN86].

steganographic

[KC09, LCC10, WWT08].

steganography

[CDS07, EEAZ13, LSWZ10, LT04,

LWW+10, SI12, WKH11, WOLS12,

YCYW07]. stego

[KC09].

stego-image

[KC09].

Sternis

[SGL93].

Step

[RA96, vCS0, CCDD00, LXX09, SI17, YCF+13].

Stepping

[Car02].

Stepwise

[Raj85, SPSR17, CDC09, SSP17].

stereo

[CJ13].

stereotypes

[SSMV16, SKW06].

still

[LC02].

Stitch

[CG12].

Stochastic
[BT17, FN86, HMC01, KMMG91, KP97b, LM94, WSN92, ZW15, vD93, AC16, BHM12, CCG+18, FCB+16, HM09, HCC91, KEK04, OH15, PACH15, Shy03, BM07], **stock** [KMS04].

**Storage** [Kus90, LLGZ13, Maz81, ZK85, BT17, CB89a, FNWL18, GCCSSDP+18, GPSS+13, HLL01a, IJC03, KKLb11, LMT16, LZC14, Luk11, MCC03, MCC11, MP94, MK08, OSH+18, WK88, WCB+17, YTW+13, YYS+16, NC10].

**store** [DII+17, GNA17, KCR16, MQG+17, Shi17].

**storefronts** [CCF+04].

**stories** [MH12].

**story** [Gil88, Gla94d, Gla96d, Gla98c, Lai97d].

**Strange** [Gla96j].

**STRAPS** [Fai85a].

**strategic** [BCV06, SM08, U209, Uzz13, VLC+17, Wan19, WC99].

**Strategies** [El92, FZ93, LKL02, PM99, Tar92, VAJ18, WR99, BMOKAM09, BFAGS+08, CNL13, CXX+15, GQ12, HS15, Jør10, KLT07, mJKME01, KA17, L004, MVLJ18, NWZ05a, NSM17, Oja16a, RB16, ROGFRM13, SD16b, SJK07, TL07, YWHL11].

**Strategy** [CW97, UH86, Zei88, AZ11, CTY01, HSC15, HMC98, HC01b, HL02, KC09, KHMF13, LWW+13, LNY+11, LZC14, LYC14, MLHL12, MC04, NDM80, PCC02, SRS15, ÜDUG04, WFWL09, WGC+14, WC11, YC08a, YLC06, KMKY07, LZL+15].

**Stream** [JO83, APS16, CH05, DM17a, HWR17, HKY01, LCLL08, LW13a, MRBN17, TXL12, VZT17, YF15, YCW15].

**stream-based** [LCLL08].

**Stream-Oriented** [JO83].

**Streaming** [KFS+02, KD05, CDC09, CGSL05, FGBC10, HHL06, LG05a, LT09, LLW12, LLH+16, MLHL12, vdSJ+07].

**streams** [CPS11, CJI11, CTL08, DS12, KK17a, LJJ+12, LML13, NDS13, PTM08, VTZ+17].

**street** [Gla95].

**strength** [AZ11, CWK10, HCT+15].

**Stress** [FAI94, AL10, FAI97, GBP08].

**String** [Maz81, Cha93, MM01b, Mus03].

**Strings** [MS97].

**Striving** [Dan17].

**Strong** [KRDH12, FWCS12, HYWS11, KBD09, LJ16, XY02, CCGG14].

**Strongly** [Gar13, SXYM11, THS12, EZG15].

**Structural** [AR90, CR06, MP90, PL92, Poo93, AC17, BDO11, CFMR11, HL09, HZCD05, KOL+14, LMIV15, LVM07, LC08, NOPF12, PXT+13, PACH15, SM08, VMJS06, WHL89, XLM+15, YYZ+18].

**Structurally** [FM09a].

**Structure** [Arc81, BCD92, BY85, CG94, Gla95i, GR97, HU96, MK93, Tan80, BF96, CD00, DPMD07, GAKF13, HTB12, HCC91, HLL01a, HR10, JRSN10, KHW19, LGW09, LBX12, LHC+05, QGZ+15, SM17a, TMB02, ZLW+12, dsF12].

**Structure-based** [Gla95i].

**Structure-Oriented** [CG94].

**Structured** [BC91, Fra90, Gla90a, IYKO95, Lee93, MGJT87, Sca88, TOY95, T281, CC94, SM17, WKD+19, YTW+13, YR90, Gla90g].

**Structures** [JN84, YR80, BRMA+09, Cic16, FMR11, ISM11, Lin12a, SA1+10, Tha80, WS12, ZG00, CSS10].

**Structuring** [DGRN10, Eva83, SWA+13].

**students** [GSB+07, SM07].

**students** [Gla97e, HBM5, SSvdV99, FHT07].

**Studies** [PW92, CsS18, CRS14, DMP14, Dl08, GNA17, Gl97, Har00, HWC+10, JCY16, Jor04, KK06, KS19, LCM+13, MPTT14, PPG+13, PCC10, SAH12, Sol87, UGFK5, WrdM5+13].

**Study** [AH90, AR94, BGB90, BPD96, BMP97, DGM93, DJL93, Dol97, Duv95, EC98, FZ93, GK91a, Gl96h, Gor91, HO97, JVP+98, KMO91, KMB18, MW+94, PT91, Rw92, SN91, SAA93, SSR18, Sed93, SW94b, St93b, SB88, TOY95, T295, TLP95, Ulu95, Wic92, WSD81, AHS8, ASGJ13, AJG+15, AAC07, AAGT16, AB16, ADO18, AW07, ACB18, AN01, ASS07, ASG17, ACG+15, AL50, AmML17, Aml00, ACS13, AACL02, AAC+17, ABJ+17, AHC+11, BKK+06, BB14, BCFP19, BP80, BBR9, BBND+18, BCD+18, BAMP17, BLTY18, BGD+08].
BFPAGS+08, BS12, BAAD17, BDM+19, BHVR18, BvD06, BT03, CSF+14, CJHB08, CS15, CGP+09, CsDsSG+18, CCCCT06, CLSa01, CW02, CL04a, CC11, CXO+15, CC08c, CO12, CPRT16, CGSGr06, CGMPAP08, CNMR18, CFA+19, DvdVA+13, DZ05, DSB05, DZRHO4, DF00].

study [DLMJ9, DFPCR96, DJW08, DFG+13, ECS15, ED04, EGHO16, EED16, EBC10, EBB09, ELHC13, FAB+07, FSGYP17, FLRT19, FCL+00, FLA+01, FS01, Fra04, FMdAR16, GMMP15, GRRX01, GCDY16, GR05, GKP98, Gl89b, Gla97j, dGFDL16, GTF15, GPPT16, GSdS16, Gur01, GW10, HHKB16, HBP+17, HJN11, HF08, Han12, HLAB09, HAHH06, HBVG08, HBJ+99, HKS+17, IF10, JSL16, JWA14, JCYT16, JAS19, JKPO0, JH01, JR15, KBJZ15, Kan15, KLT07, Kar94, KF1N9, KFLS18, KJS+12, KNA11, KSIZ19, mJKME01, KPMO2, KPMO5, Kit10, KR08, KSM+16, KQ17, KMG+19, KBRV17, LWSH19, LS07, LGG09, LAL15, dPLV19, Lin99, LSaC01, LTC01, LWL15, LO04, MBF12, MVLJ18, Man16, MAH18, MDBC17, MDFG08, MAEL19, MMTL06, MFF10, MPLL+15, MT98, MGvFGC10, MGR+13, MRS18, MD16, MHLMG14, NCS10, NCW+19, NW05b].

study [NRG08, NYPGMP17, NBF16, OKI1, OBS+18, OWG19, OCCI13, PSS+16, PAB+17, PLM07, PWS+15, PTF+15, PB04, PLF05, PV18, PVSG05, PV06, PSH+09, RTM19, RRD06, RAS14, RR98, RGBV04, RS98, Rh08, RGBM06, RASL12, HRL+17, RB16, Rom98, RVCM17, SCMS15, Sal02, STS+19, ScWY12, SCL13, SMS11, Shi12, SSvdW99, SVM19, SSKL07, SHS16, SSA08, SCC16, SNDC13, SNJ+07, SSD16, SOC1, SLL14, SL1L+15, SKF17, SAN+17, TML17, TKS1P11, TAJ+10, TAF+17, TDCAF16, THGL07, TDK+07, VHF02, VBC+14, VAS+04, WGGW19, WKH09, WRR14, WM95, WHMP99, XH98, YC13, YLA16b, YLA+17, Ye00, YHMS16, ZSG16, ZK04b, ZXC+17, ZFY+19, dSdMSNO+14, vHAT13, vHJPB+17].

Style [OC91, BB89, MvD08].

styles [BGG+06, KBDGAW16, KG10, LJD1K10, MKS10, MCV16, SRSC16, WIt03].

sub [ELHC13, LLZ14, ZYC15].

sub-patterns [ZYC15].

sub-system [ELHC13].

Subdomain [MPS86, PAOC15].

Subdomain-based [PAOC15].

Subgraph [BL98].

Subgroup [Sch81].

Subject [Ano80d, Ano81d, Ano84d, Ano85c, Ano86e, Ano87g, Ano88e, Ano89g, Ano89h, Ano90e, Ano91d, Ano92j, Ano93h, Ano94h, Ano95i, Ano96m, Ano97l, Pha94, EA14].

subject-based [EA14].

Subjective [SL80, AL10, ELH00, LY18].

submesh [Ab06a].

subscribe [CDRT13, HBG+13, LJDC16, LPMPCLS13, RMD11, YSK06, YSK09, LJD1K10].

subscriber [SO03].

subscription [YSK06].

subset [XLL+19].

Subsets [BT97, Gu96].

substitutes [TTC15].

Subsystem [Lak97].

subtree [LWXZ10].

Subway [DGM93].

Success [SM92a, CC08c, CO12, DPL16, GCC16, Gla96d, Gla98g, Gla98c, Gla00k, Ifi11, JKDO2, Lai97d, LSD+16, MP12, MKK09, PCV+08, PHR10, PVSG05, PV06, PKB09, RH02, RCCB11, RS08, SNDC13, WSJ08, WHB01, WR10].

success/failure [Gla98c].

successes [FN99].

Successful [OT92, JZ05, SM08, ZADA15].

successive [BdAD1H94].

Sufficient [Hen88].

suggestions [BD16].

suitable [DF98].

Suite [YY96, CdCdA018, CMTO2, FAM15, Gur01, HCT+15, LI98, LI99, WAG15, YH10, ZYZZ14, LGM+18].

suites [AZ11, CWK+11, MH11, SPMG18, YZ08, ZA008].

Summary [Sca88, ZJ1L10, HLO9, VM89].

SUMMITrak [BDGR01].

Sun [SSF15, WYL06].

super [ZLZ11].

supercomputing [GJP96, RH17].

superscalar [CD10].

supervisory

[GWvD08].

supplementary [SYXL17].
supplementing [BS12]. supplier [SAR15].
supply [CPS11, JJP02]. Support [ARAS94, 
DR84, KB96, MP90, NS87, SW95b, TTP97, 
AK08, AHOP14, Ati00, BKZ+06, BBG+04, 
BWH10, BHL00, BDG13, BVF04, CNG16, 
Chr99, CL04b, CDZ07, DB95, DLB04, EE08, 
EL10, EH19, GML05, GPMI13, Gl96c, 
GAWC91, HNZ17, HP16, HCB+16, HH08a, 
HK09, IBM11, JZL07, JEBR09, KLL+11, 
KSH09, LL09, LF91, LM96, LWL04, LZG15, 
Lut00, MLHL12, MKS10, MGI07, MGP+08, 
MSHB98, MIKG13, NI13, NXS00, OAC11, 
PH06, PLV+18, PH13, PWW10, PH07, 
PBD+12, PV18, QHS08, RR09, RO13b, 
Rey89, RT07, RDD02, Rom99, RA16, 
RRM17, SK11, msGFtL05, SPDT06, SFM99, 
TJH15, TTL10, URG10, WPL+18, Wen03, 
YHR03, ZHS01, ZZP+05, FSS+13]. 
support [AAN11, Bar94, BK95, BD10, 
FIBRGCLN05, ISM11, KLL17, LNC01]. 
Supporting [AACT13, ACL13, dOBWT04, 
CFL+18, CPS11, DS98, GGV+18, 
HBG+13, HBG+14, HP16, JS13, LDN04, 
SHC+11, TT93, WT01, YFZ+16, CCL01, 
CMS04, DGRN10, HYC04, HCB06, JCK+17, 
KLY03, KBH07, LGZ+18, RW00, THWC10, 
WB12, WBBK18, YYS+16, GCC+15]. 
supportive [SKK+18b]. supports 
[CHL11, Gla96h, HWL13a]. suppression 
[LM13]. sure [JTM04]. Surface 
[SF02, CPRT16]. Surfing [BAI+14]. 
surprising [Gla98i]. surrogate [MPLL18]. 
surrounders [LSZ+07]. surveillance 
[MJZ+10, XLM+15]. Survey 
[AM81, AM94, HCL+10, Rus90, AAC16, 
ABC+13, AMJH09, AT15, BGE07, 
BGG+14, CCP18, CL99, CCC08, CRKHI1, 
De 97, Erh92, FBD+18, FB04, GV10, GZ13, 
GCBD15, GK18, GDB16, GIG18, 
JSHW14, KPTV09, KY92, Lai02, LD00, 
LKRTYS18, LCM+13, LSD+16, MCHJ17, 
MARD16, OK18, PWS+15, RST98, RRV19, 
Rya13, San16, SS18, SSK19, SNDC13, 
TBGH06, TTR+13, TKP+18, WWSS13, 
YLA16a, ZXTT11, dSB12]. surveys 
[JWA14, Sta14]. Survivable 
[WMD+10, WGY+08, WGW+09]. survival 
[HCDN05]. Surviving [CLY14]. 
Sustainability 
[GL14, NCWK18, CFAPI7, VCB+18]. 
sustained [SDG17]. SVM [TLL13]. SW 
[BBC+08]. Swarm 
[AZ11, PGP+19, DRCG12, LLZL14, 
MDO+10, YYWW07, dCPV10]. swarm-inspired [MDO+10]. swarms 
[LLZW14]. SwiFT [LCH+04]. Switched 
[PH93]. Switching 
[GPP11, CCtR+16, CTHW12, SYBN12, 
aSRZ+18, WL15a, WMOKY11]. swizzling 
[MC04]. Symbol [Maz81]. Symbolic 
[CR85, Dl91, Frh83, BS12, CL98, EED16, 
LC00, dCPV10]. symbols [SB17b]. 
symmetric [DCH02]. Symposium [Bor12]. 
Synchronization [HKY01, YWT07, CH05, 
DGWC16, FS06, MV06]. synchronized 
[SG06]. Synchronizing [KM89, LZCL19]. 
Synonymous [PH86, BKRW19, CCL01, 
KKH+16, PK01a, Tan04]. syndrome 
[AH88, BMS11]. synergies 
[BFPA$^{+}08$, JTW98]. synergistic 
[TGP11]. synergy [ST11, Zhu06]. 
Syntactic 
[Har88b, CML11, KOL+14, QLBS17]. 
Syntax [BDM+93, vEHvV89]. 
Syntax-Directed [BDM+93, vEHvV89]. 
syntaxes [PC10]. Synthesis 
[AMNT08, CDF+18, JS99, OK94, CCG+18, 
CCC06, CD07, KK07a, LJJ99, OHBR90, 
SD02, YGH+08, ZCT+09, rBH11]. 
synthesised [KMWL12]. synthesized 
[NSDI16]. Synthesizing [AMCC14, CGS19]. 
synthetic [Kam89, PQLN04]. SysML 
[CKL12]. Syst [AAH12b, APS+10, 
BKSM14, LKJR10a, LHP+10, WZM12a, 
XTZX13, YWEL+13, wZG14a]. System 
[Amm91, ARAS94, A000, Bar92, BW96, 
BE81, BG96, Ber88, Boil7b, BAL81, BB096, 
CHB94, Coo81, DR84, Dam96, DK94, DK08,
DF84, ES85, Fai85a, FC96, FK92, Hač86a, Hač89a, HJS91, Joy94, KLRW01, KS96, LO92, Loh84, Mai96, MS81, MBCD86, MG81, Mer87, MIH92, Moy96, NS87, OHK93, OT92, Pha94, Pla92, Pow86, PW92, Rec93, RB93b, RT93, RA96, RF84, SGL93, Sam93, SW94a, Sku91, Sno3, SG01, Stu83, SKC86, TC93, TK95, TW95, Var91, Whe81, Whi92, WSR83, YDN88, YCG92, Zh89, ZM86, vS83, vC80, ASGJ13, AT18, AV02, AHGSS05, AYZI10, AL05, AACL02, AR17, AAA11, AWSE19, ABW07, Ayr04, Bak88, BSG04, BRG12, BDBLP15, BWM06, BDG13, CLX04, CDI07].

System
[CGL04, CC02b, CC04, CCSC01, CLCY04, CH11, CTL12, CK00a, CJZ04, CHZY03, CCC06, CNSG12, CHL13, CD05, CNLV07, DII17, DvdVA13, DFCR96, DB06, EH19, ELHC13, FBM09, FNWL18, GAWC91, GPPT16, GA92, HCB16, HLAB99, HW01, HCL12, Hoo14, HAE15, HC01a, HYC02, HHL97, HWLM11, lH11, JS11, JM96, JC02, JKP02, JLC04, KK11, Kar94, Kar98, Kar00, KUK07, KGM06, Ken80, KFS02, KAK13, KA07, KR02, KLP10, KJB97, KJ99, KGG18, KGT02, KW00, KSM16, KMK16, KLMC06, KJ10, KH10, KJKL07, LWS03, LHC95, LHY05, LS17a, LP03, LH04, LS07, LLL12, LS07, LXF10, LLL09, LKJ01, Lin00, LM96, LKB06, LHP09, LHP10, MCL17, MS16, MAH18, MHC00, MV09, MDC06, MCS12, MC15, N113, Nec96, NXS00, NJ17, OHBR90, OD10].

Systems
[ABB15, Art87, BEZ14, Bar86, BW83, Bha84, Blu86, BAL81, BT97, BM83, CL94, CZ91, CLO95, Col92, DS94, DR92, DLG96, DV94, Eji92, FMP86, FSA87, FM90b, FM87, Fur93, GMM90, Gl92a, Gl96a, Gl97a, GM94, GC94, GDF86, Hač86b, Hač89b, HST16, HFK92, Jef91, Jos83, KO95, KB96, Ker92, PME05, KP93, Kor83, Kri93, KNT86, Lan98a, Lea95, Li99, LLLZ06a, LSD95, LMB93, MW95, MR83, MG04, MO90, Mor86, MSSH92, MP90, Mue86, MP95, NC96, Nt96, OG80, PdC94, PD97, PH86, PL96, Pop92, PZ94, WBB06, WK09, WZ12, WKD19, WK11, WL0, W99, WL04, WLY13, WHS70, WW00, Y13, YW02, YSG17, YH13, YC17, YCYW07, YSK09, ZSM04, ZM17, ZG97, ZG10, dRSBA13, ESRSF19, LLG13, WF19].
Pre95, Rah92, RW97, Rei90a, RT86, Sag95, Sah94, SAASA94, San95, Sch91, Sel93, SKF95, She90, SM92a, Sta85, Sta90, SP94, SYB97, TT93, TTT14, Ulu95, Ulu97, Ura90, WLL19a, WSN92, WNSC96, Woh16, WM96, YMM19. Systems
YP94, ZEB88, ZCD96, vS96, ACF07, Aba13, AC19, AZX14, AZW07, AB16, ADMOK10, AR18, AHL16, ACRD19, AAC16, ARM16, AB15, Ati00, AMNT08, ABW07, ACW10, BCK00, BL19, BSK18, BM18, BRC09, BRM10, BLL18, Bar94, BPO16, BD16, BHH12, BFPG10, BM17, BT17, BDM19, BWDP00, BKRW19, CX10, CCG18, CGS19, CZhV98, CGP09, Car94, ÇT13, ÇZUB99, CWK11, CCA11, CCH14, CLY17, CIB19, CET08, CL08a, CL99, CYT16, CM05, Cho04a, Chu97, CH04, CKC15, CK02, CS04, CDF99, CKNL12, CHCO11, CH10d, CGW08, CG05, CS15, CDP17, CCMOM19, DMQ07, DXY03, DMV98, DeJ08, DST04, DY99, DZRH04, Deu01, DLT99, DGL18, DWC17, DBZ16, DNSH13, Dut15, ESW06, EZOK14, EG011, EB14c, EBJ17, EK13, ETYL15, FKA16, FVHF15, FOR19, FKWV19, FIGCLN02, FRR09, FTC16. systems
FTSC12, FW90, FGBC10, GKD13, GMPX16, GVPM18, GBL08, GJ16, GM17, GTA09, GBH16, GSP19, GP05, Gh01, Ge97, Glla94a, Glla95c, Glla98b, Gla98g, Glla98h, Glla98d, Glla99a, Glla99b, Glla00c, Glla00d, GC02, GC03, GC05, GP98, GMLSF15, GCC15, GBHB16, GMS07, Gr07, GJ08, GWDE07, GBC16, GGM11, Hal92, HyLV12, HdM17, HCN00, HTK00, HAO3, Has98, HSM07, HZG12, HNS12, Hoa94, HK13, HL00a, HBJ09, HGBM13, HLC09, HDLK00, HL02, HL06a, HFRHS09, HH17, HZ07, IB08, ISS98, INS00, IZL07, Jia99, JSM10, JS16, JAS19, Jun00, JRO12, KRD16, KMSMD08, Kam89, KHS0, KHS11, KTF15, KLT07, Kar01, Kar04a, Kar04b, KY92, KH14, KLY03, KMS04, Kim07a, Kim07b, KKL11, KAS18, KJ01, KGG18, KK07b, KSS03, Kor99b, KDEK04, KPG07, KM89, KAM13, KP07, KLG07. systems
[KKLB11, KHC16, LJH10, LJC16, La99, yLeY98, LCY00, LKL02, LLM17, LBS07, LMS11, LMM1, LSE12, LS17b, LW02, LK02, LFCL12, LH01a, LKL04, LR04, Li11, LW12, LWL13, LG15, LHR16, LSH09, LUS00, LS99, LCLL07, LL10, LKL11, LWL04, LYX09, LC11, LNW11, LNY11, LLL14, Lok06, LZC14, Loo05, LWC06, LDS19, LSL11, MJF10, ML03, MKL10, MMM00, MHE05, Mar81, MRT17, MBAG11, MB19, MAEL19, MMTL06, MPLL15, MR99, MR00a, MA11, MSA15, MSA16, MD99, MHL14, MM00b, Nae01, NCK15, NCW18, NL99, NKMM12, NQ98, NK15, NPC12, NTDX13, O'08, OFP07, OAZ08, Os92, OSH18, OKMD12, OB13, ON09, PM99, PLCC09, PSM12, PSS16, PK96, PK02a, PK02b, PKL03, PS09, PCHW12, PTBP08, PB19, PLM07, PCYZ12, PPM17, PGPC17, PFG13, Phi04, Phi06, PH07, PRN17, Pia95, PB04. systems
[FLP05, PK01b, PDL16, PZ15, RR06, RC89, RAK15, Rav03, RX019, RG79, SMG08, SYBN12, SSCM04, SJS011, SADM16, SNL16, SZ06, SUS04, SSO05, SLS08, SRT12, SM00, SG06, SW05a, SK03, SCd02, ST01, SZ09, SM06a, ST89, SMCL96, SMU98, SP08, SY02, SFSE05, SY16b, SJ17, SS14a, SKL07, sDJSV08, dSSV11, SK04, SA05, SD02, Sta99, SK10, SD07, SPS03, SL01, aSRS10, SHH15, SJS01, SAN017, TLW07, TZ12, TT09, TPH06, TT98, TNA01, TW08, TS89, TM09, TAB16, TVK94, dBTdS08, THWC10, TCG06, TMD07, TCS18, URG10, Uun98, VM00, VM12, VRPT18, VZT17, VRG16, VHFST15, VHFA17, WFF18, WL17, WMWZ12, WSM19, Wen03, WMAS12, Wey99, WKS88, WCV098, WBBK18, WM99, WTG18, WTG09,
systems\[YGH+08,YSJ13,YKC+05,YSK06,YSC+06,YR09,YSSaR14,ZS88,ZMAER99,ZK13,ZMB14,\#ZG13,\#ZG14a,\#ZG14b,ZM06,ZAO08,ZZ88,ZXL10,ZGSH13,ZS05b,\#dLGR06,ABCH13,GCo1,JWT17,WFY+19,WL10,ZAY19].
systems-centric\[LS99].
\textit{t} [LNPAGD+06,CMI2,\#VAS+04].
t-learning\[LNPAGD+06]. T-\textit{REX} [CM12].
\textit{T}. [YWEL+13]. Table\[Har81,WWLG13,YLC08]. table-based\[YLC08]. Table-Driven\[Har81].
tabulating\[AR17].
tabulation\[Ano94d,GC01,JWT17].
tacit\[RO09].
tactical\[ETYL15]. Tactics\[MLB09,UB19,WK15,HA10,KKLP09,LL15,MPLL18].
tactile\[RLL18]. tags\[WL17].
taIC\[BKW10,HL1M+09].
taIC-PART\[BKW10].
tailoring\[CP15,CCP18].
Taking\[CDS07,Bos12,vV08]. Tale\[SM92a].
TALISMAN\[GDFFP+10].
Talk\[Gla00a]. tamper\[CCP05]. tampered\[WCH03,WC02]. tandem\[Kar94]. TARA\[Woo12].
target\[GTY12,LT11,SLC00,SA18]. Targeting\[AP97,Lut96,MA17].
TarTAn\[PL96].
Task\[KHSD10,KHS11,Kar98,KSO4,SKT17,YYWW07,\#BRS+18,CCMK09,CYT16,CCK15,DS98,DCT17,FHL+15,FS05,HTK00,KSN17,LS17b,\#LWL+13,\#LWL04,MC01,NI13,OW04,PM99,SO\#C+03,SA05,SK10,TAO2,TKJL13,TW98,TC16b,WX10,Yoo09,ZW15,ZCC+17,ZJDB02,ZGL+10].
task-aware\[CYT16]. task-based\[LWL04].
task-dependent\[FS05].
task-directed\[KS04].
task-solving\[\#BRS+18].
tasking\[Dil91,SC88].
Tasks\[ML95,\#ZR87,\#AMP12,ABB19,\#Cam00b,\#CZG+15,\#FBD+18,\#GGS15,\#JSL16,JJ06,\#KWS+17,\#KCS01,KA17,\#LCLS16,\#LRS+07,\#MER17,PK01a,\#PC04,\#RBS19,\#Wen16,\#WZG13,\#WZG14a,\#WZG14b,\#ZHGL11,\#ZGSH13,\#MK15b].
Taxation\[LLW12].
Taxonomy\[BC94,\#GV92,\#KSEN17,OC91,\#SZ11,\#SS14b,TK87,Dav88,\#DGWC16,\#MC98,\#NGC02,War89].
TCI\[BDGR01].
TCP\[HCKY08].
TD\[\#SOS+16]. TDQN\[MB19].
teacher\[NI13].
Teaching\[HBM05,\#MRO+08,\#Som13,BNvdH05,Fra07,\#SBAH17,Tom89,\#vWSB13].
team\[\#BSNG05,\#HS99,\#HM16,\#LCCJ10,\#OCC12,\#RSGH12,\#RRK16,\#RO09,\#ZS01].
team-robotics\[\#BSNG05]. teams\[DCP12,\#GD12,GT17,\#LS17a,\#LSD+16,\#RSM00,\#RO09,\#TR18,\#VBC+14,\#VvSVV16,\#YHMS16].
Teamwork\[\#LSD+16,\#RF18].
Technical\[ANB93,EBb99,\#MS16,\#MGM16,\#Sku91,BMB18,CREH+18,\#FKA16,\#FSGY17,Gla00k,\#GsdS16,\#KKIMT96,\#LAL15,\#MKS+18,\#PWS+15,\#SSK19,\#TAV13,\#YHMS16,\#VM12].
Technique\[DG92,Hen88,\#KC96,KL96,\#LTT92,\#MvsS95,Nit96,\#BBBP13,\#CCP05,\#CPL+04,\#CCK02a,\#EZOK14,\#GCS\#dP11,\#HOR01,\#HH00,\#HPH12,\#HR10,\#KKR00,\#KEK04,\#KDEK04,\#LK01,\#LC02,\#LC05,\#LWL12,\#MK15a,\#MK00,\#PMDH13,\#PC02,\#PK02c,\#SAA+10,\#VJB06,\#WK88,\#WCV+98,\#WLC08,YL09,\#vdBKB94].
Techniques\[BS93,BKW10,\#FWD97,LJC03,Lak97,\#MS97,\#Ml96b,\#Pan81,\#PS09,\#Rey80,\#Sel93,\#YRN80,\#AAM+17,\#Ano93e,\#BRB14,\#BPGS13,\#BLTY18,\#CBL+14,\#CL18,\#CY04,\#CW89,\#CK15,\#CPR13,\#DC17,\#Er892,\#FYCL13,\#FBD+18,\#FIGCLN+02,\#Fra07,\#IAA16,\#Kam95,\#KSAR18,\#KR08,\#Kor99a,\#KPG+07,\#LASE00,\#LH11a,\#LFC+06,\#LHLG+15,\#LZ04,\#LXZS06,\#MS03,\#MPST06,\#MA08,\#PG05,\#PWLH06,\#PB00,\#RO13a,\#RGH17,\#SLB14,\#SD02,\#SLL+15,\#TZW07,\#TSCB19,\#TTR+13,\#WAG15,\#Wey99,\#ZFS15,\#ZG16,\#ZCT+09,\#ZML10,\#WMD+10].
LICA09, PPN+15, WPL+18, YSJ13.

**Technology**

[APS95, ABCT06, Bro81, CCCY17, CFSS98, DA86, Gla88b, JVP+98, KS96, LWZ12, MRX0, Par98, Rx93, ZC97, Zuc90b, AT15, ACDG02, CLR18, CCWT13, DJW08, DS98, DF99, Gla88a, Gla89b, Har97, LPM15, LL04, Mil04, MCV15, NHH+12, Pf99, PHR10, PKB09, Sa98, SM17, SswdW99, UN09, WPL+18, Wic14, WDMR99, XLM+15, Zc09, ZMK12, Kim07a].

**Technology-driven** [ABCT06]. **telecom** [VVS99]. **Telecommunications** [Gas96]. **teleo** [MNSA16, SÁM+16, MNSA15, SAMN12, SÁMI17].

**teleo-reactive** [MNSA16, SÁM+16, MNSA15, SAMN12, SÁMI17]. **television** [Bra89]. **tell** [CPT05]. **TelosB** [APS+10, PAS+10]. **Temperature** [WX10, ZCC+17]. **Temperature-aware** [WX10]. **Template** [ZSGS93, GCSAddP11, ZZ16].

**Template/Module** [ZSGS93]. **templates** [NBA+15, OKS08, SGK12]. **Temporal** [IS03b, Jma96, LPR04, Pra18, UH96, BNR09, CMC04, CTLO8, Gla89i, KRC00, LCY00, LLC+09, Lin12a, LNW+11, MP94, MC10, NGO8, NGM08, O’B08, PM94, SKE10, ÚDG04, VT99, WWY+12, ZCO6].

**tenancy** [KBJS9]. **tenant** [LZG15], **MCC+18, MVLJ18, PHBJ16, WVT+14].

**tendency** [MRS18]. **Tension** [Gla89f].

**Tensor** [nYD11]. **tentative** [LYZ+15].

**Tenth** [FM90b]. **Tenure** [AP97]. **term** [Klo9, UD10]. **terminal** [CMS04].

**terminals** [FIGCLN+02]. **termination** [MC98].

**terminology** [BDMK03]. **terms** [CAHV15, DHJ05].

**tertiary** [KSIZ19, NBF16, RTM19]. **Test** [AG15, AMdLM17, BCFG86, CZC+18, Dye93, FLN91, HMOK18, KMK16, LH90, LCL+12, MS81, MGM10, OKOM97, Pas96, Sam93, SD16b, Sed93, SCC16, Tia96, Vel87, WHMP99, AAGT16, AZ11, ABC+13, AWSE19, BFLZ13, BGLG13, CL18, CF13, CWK+11, CLSC98, CKLO8, CKMT10, DL06, DW11, DIO1a, EFSJM17, EG1+11, FWA09, FAM15, GKF18, GKS18, GZ11, GTY12, GP10b, GEM15, HBF16, HN17, HWC+10, HY10, HCC10a, HPH12, HCT+15, JG08, JF99, JC15, JKF+17, KYP+03, KAS18, LWN03, LQW12, LNTS19, LC08, LLL19, MB01, MH11, MCTM11, MDMC06, MB17, NS92, OL99, PS13, PSS+16, PAOC15, PWA+19, Pra18, QBO+14, SPMG18, SW09, SA08, SB12, TAS+18, UGF15, WQJ10, WGC+14, WAG15, WXY+17, WYZ+18, YZ08, YH10, YLC06, ZYZZ14, ZJZ+17, ZYZ+17, ZCC18, ZAY19, ZAO8, ZTTP18, BMK15, DL06, ZLL+12]. **test-case** [HCC10a]. **Test-Driven** [BMK15, DL06].

**Test-point** [BGLG13]. **test-to-code** [QBO+14]. **Testability** [VM93, AAM16, BV06, SS04]. **Testable** [BL05]. **tested** [RLY+13]. **tester** [RPSL10]. **testers** [SW09]. **Testing** [ABCH13, Ber91, Ber93, BM96, BMP97, BKW10, BM93b, Car96, CLSC98, CKMT10, CPR13, DGM93, FZ93, FW00, Gl93g, Gl93i, HZ84, Har99, How80, JVP+98, JxB83, KGH+96, La90, LT08, MG81, Mil96b, OH94, PBC93, Pla92, PUS4a, SCK86, WCTK12, XHM+11, Ze88, AAM+17, Amlo00, AAB19, AL10, AWSE19, BRB14, BBEM11, BAAD17, CGH07, CJHB08, CNM18, CF13, CWK+11, CCH06, CCHT09, CB09, CKM06, CKLO8, CKLO9, DGb18, DXPY03, DBCG14, DFG+13, EED16, EL07, FIBRGCLN05, FFV19, FWH97, GBL08, GV10, GZ13, GKS18, GP10b, GCMB17, GDH05, HZH+16, HM09, HJP15, Hua05a, Hua05b, HL06a, HP12, Jen99, JCY16, JCK+17, KAO13, KSN17, KGT02, KSH+12, Lai99, Lai02, LHJ10, LCM+13, LVMM07, Leu97, LXL10, LQW12, dP1V19, LH08, LNTS19, LC08, LLL+14, LGS+19, LYC14, MK16, MFTP18, MRT17]. **testing**
testing-effort [Hua05b, LH08].
testing-resource [DXPY03].
tests [CPV+14, JZ07, Kim17, RBS19, SCC16].
Texas [CR89, MP89].
Text [Fis91, Ree85, TOYI95, BLTY18, IZ18, Kan15, Mus03, PWC12, SI12, SLLY17, TCK14].
text-based [PWC12].
Text-Oriented [TOYI95].
Texts [Yan94, MR00a].
textual [HG91, Sny91, AS17, OFR+12, QBO+14].
TFRP [CLH07].
their [AR94, Ber93, Car96, LVB+93, MD91, BT05, CFL+18, CHN19, RRH16, KCV11, LJ16, MNO18, PSZ17, RSB+14, SW88, VLL18, WFF18, vHAT13].
theoretical [BG09, MJ93, MDMC06].
Theoretical [SOS+16, CGMPPA08, IWL+16, ZYZ+17].
theories [Moy00].
theories-of-action [Moy00].
Theory [GN15, Glao90h, KAL97, KP93, yL98, RH16, AKH12, Ano94d, BM99, CTZ92, CL17b, CO08, DC17, Glao90, Glao94b, Glao95b, Han12, JG14, JM11, KJ04, LJ99, ML03, PTW04, SSD16, VA17, WSM15, XJZ+15, Glao93c, Glao94f, Glao94h].
Theory-Based [KAL97, KJ04].
There [Gla90d, Glao91h, Glao95f, Glao97, KL11, Glao95f].
Thermal [TCP16, CK15, TC16b, ZW15].
thermal-aware [CK15, TC16b, ZW15].
Thermal-throttling [TCP16b].
things [Gla90f, MOD+19, PC15].
think [Gla93h, PCV+08, PVSG05].
third [AHC+11].
thoughts [Gla89g, Glao94e, Glao97i, Glao97h, Wn01].
Thread [IS98, LCLS16, CD05, TLZ+16, WLL19a, WLL19b].
Thread-level [LCLS16].
thread-related [TLZ+16].
threads [WLL19a, WLL19b, WC+98].
Threat [Rei90b, TCS18, Zuc90a, WSJ14].
threats [CRL+12, KOS15].
Three [HCR05, MPS86, SI94, CL08b, CDZ07, DGW16, KSM+16, LWC+18, LZC14, LO04, ST13, SCH05, TC16b, YC09, YC12, ZMAER99].
Three-Dimensional [MPS86, DGW16, LWC+18, TC16b, ZMAER99].
Three-level [CH05].
three-phase [LZC14].
three-tier [CDZ07].
Threshold [CT11b, GL13, WH03, YWEL+13, BCT05, HW01, JL04, Kim17, SCL07, YTH04].
Thresholds [MSGGL12, FBB+12].
thriving [Gla97b, vV13].
throughput [TC16b].
throttling [TC16b].
throughout [BM05, Tia99].
tied [EZG15].
tier [CDZ07, WDC10, WDC12].
Time [AQ90, BP86, CL94, Char86, Cla86, CRV94, GMM90, GP94, Glao91e, Gom94, GR92, HW94, HFK92, wLH97, LM94, Leu92, LH95, ML95, NC96, OG80, OK94, PZ94, Rei90a, SKF17, Ulh95, Ulh97, WM96, Yuan90, ZC96, ZR87, AMP12, AB19, AMAY19, AV02, ACB18, ACL13, ARM16, AGC13, AAC+17, Ah100, BFR96, BCK00, BLS18, BL19, BG98, Bak88, BMS11, BN09, BCF+05, BKR19, Cam00b, CCSC01, CCSC07, CPS11, CCK10, CLL10, CZG+15, CKL08, CB+15, CGW08, CLF+13, CS12, CG05, CF12, DMV98, Del08, DYC19, DY99, DY03, DZRH04, DGL+08, EBE18, EGG+11, EK12, EK13, FHL+15, FHY17, FS06, GBL08, GLZ15, GP05, Glao97g, GWDE07, GAWW07, GPPT16, GBC16, Hal92, HyLW+12, HCB+16, HA03, HSM+07, HZG+12, HNS12, HCDJ08, Hoo94, HLC+09, HH00, HHL06, ICS14, IYS13, JZL07].
time [JLZ+19, JAS19, KBM05, KMS05, KC16, KY92, KCS01, mJKME01, KLY03, KMS04, KYP06, KR98, Kor99b, KMO09, KKH96, yL98, yLY98, LLL10, LKL02, LRv03, LF91, LP93, LL00, LKL04,
LESL11, LSE12, LS14, LS17b, LFCL12, LR04, LRS+07, LVL+13, LK04, LLV+09, LC11, LNY+11, LW13a, LKL05, LHP+09, LHP+10, LKK14, LGS+19, MMM00, MEH05, MB13, MFMCY12, MSAH16, MT10, MK11, MMTS15, MO84, MM00b, Nae01, NsL00, NPC12, OW04, OAZ08, Ost92, Ozk97, Özm09, PNK96, PC04, PNY14, PPB19, PG15, QL03, RFM10, RVM06, Rav03, RXY+19, RGH17, RG79, SW10, SUS00, SSO05, SLS08, SM00, SB17b, SMS11, SAKZ15, SY02, Shu03, dSSJV08, SBB98, SK01, SK10, Sto92, TAS+18, TLW07, TKJ13, TKJ15, THP+06, TC16b, TL09b, Ulu98, VZT17, VT98, VT99, WCLK07, WMWZ12, WX10, WDN05, time [XH98, YY04, Yoo99, wZfG13, wZfG14a, wZfG14b, ZAO08, ZW15, ZLZ+96, ZHGL11, ZH05, ABC13, CR06, JLB05, HL10], time-based [SAKZ15], time-constrained [LKL05, SK01], time-critical [CGW08, Ozk97, SBB98], time-decaying [JLZ+19], time-dividing [MSAH16], time-driven [Ozm09], time-honored [Gla97g], time-out [HL10], time-series [KYPW06, LNY+11], time-synchronous [BKRW19], time-triggered [SW10], Time/Cost [LM94], time/non [CCSC01], Timeboxing [JKP04], Timed [Chr86, CGW08, FHZHS95, LT07, LKJL01, LVB+03, WM96, DZV+09, HRD10, JS99, MXZ11, NsL00, PJT+17, WKH09, ZykP01, ABCH13, CR06, YHM+14, ZLCL10], Timed-Event [Chr86], Timed-Probabilistic [FHZHS95], timed-release [MXZ11], timed-token [NsL00], timeliness [AV02], Timeslot [WHYT06], Timeslot-sharing [WHYT06], timestamping [NG08], Timing [GM09, PdF97, Sah94, BCK00, CWK+13, CF12, Nae01, SgM+16, VT98], TIMS [SGL93], tiny [PWY+16], TinyOS [OMLB16], TOFF [CT00], TOFF-2 [CT00], together [ESM19], Token [TW95, NsL00, Rav03], Token-Based [TW95], token-ring [Rav03], Tolerance [Ban86, Fri90, KN97, KP93, SAAAS94, WWF94, ZX94, AM15, CCH14, GH02, Hoo94, Lea08, LCH+04, RW00, SSO05, Shu99, SC09, WLC07, Zha09], Tolerant [BW95, CG94, DG92, MS90, Mor86, Mue86, OK94, PdC94, Ram90, WTS95, WFZ96, AT09, CC01, CJJ04, CSW10, CT00, CNLV07, GPPS+13, HTK00, JMM96, LKH09, LFY+99, Lin07, LY09, LLH+16, NSAK10, SMCL96, Tse07, WKH09, WMWZ12, YSDT11, ZG97, ZHGL11], tomography [BAI+14], tongue [Gla91g], tongue-in-cheek [Gla91g], too [HLS+13, Mor99], Tool [BN90, Bro87, FS88, FM93, FG93, GA95, IYK95, KSH90, LVL+97, ML95, NY84, NB93, OC90, Rei90a, Rid81, TTP97, AN10, AT15, ABFM12, BT03, CDBGJ10, CMT02, CT13, FN00, HP16, HLAB99, HHW01, KPS+04, MMR00, MTA+16, MM00a, OAC11, PNL07, Rey89, RRH13, RHR15, RRM17, Son93, TAS+18, TVMS18, TC12, WD07, WBBK18, YZ08, ZGH+07], tool-support [HP16], Tooling [BBG+04, CPDM16], toolkit [MRJD+12, Rob89, TCMJ98], Tools [AM85, BYY87, Hen95, HO96, JP94, KP91, TKS95, TM97, Zim84, vAW93, Ano88d, DS98, ED04, Eri92, KTF15, MG11, N997, PKK98, RAK15, RS00, TAJ+10, TCMJ98], Toolset [WH91b, MSHB98], Top [MM81, SHN14, Won10, HWML04, MLLK11, Gla97b], Top- [SHN14, MLLK11], Top-Down [MM81, HWML04], Topic [CSN+17, Gl92a, YFZ+16], Topic-based [CSN+17], Topics [CA14, Ano94d, CC08a, Gl94b], topology [AN10, DMGSL1, LLHY19, MARD16], TOPSIS [LY18], Tor [MK15a], TOS [ZPEL01], ToscaMart [SBB+16], tossing [BNS12], totally [JHYK10], totally-JHYK10, TOTAM [BSDD14], Touch
[SHBC19, CTL12]. **TPM** [PWY+16]. **TPR** [CMC04]. **TPR-tree** [CMC04]. **Trace** [MB19, CWK+13, CZH+08, EKV05, GKV14, GXZ+19, dL13]. **trace-based** [dL13]. **Trace-driven** [MB19, CWK+13]. **Traceability** [DF84, OC90, GE15b, LMvV09, LKJR10a, MG12, MSS18, N097, QBO+14, SJPZMK04, TJH07, TGE17, WPL+18, WWBK18, YYS+16]. **traces** [AHLH16, CBSM16, GKV14, IWF07, LGZ07, MHLMG14, PH13, PDBD18]. **Tracing** [LK93, GM02]. **track** [BSK+18]. **track-based** [BSK+18]. **tracker** [ZEY04]. **Tracking** [Tia96, WLL19a, WLL19b, CBSM16, LSZ+07, LT11, TL07, TL09b]. **Tractable** [Nit96]. **Trade** [GA95, Rec93, Bat08, CFMRL11, SPCT18]. **trade-off** [CFMRL11]. **Trade-Offs** [GA95, Bat08, SPCT18]. **tradeoff** [CGS19, Lop03, PCYZ12, Pot13, YHZ+09]. **Trading** [SWH+09, KMS04]. **Traditional** [GC94, Jac98, SSCM+04, VZT+17]. **Traffic** [GBL08, PH93, BSK+18, CDr+16, CCL01, DIT+17, GAWO07, KM04, KMOS09, LJM11, LLI+16, MPTT14, NsL00, PV94, VVS99, WC11, WMOY11]. **Traffic-aware** [GBL08]. **TRAILS** [WBBK18]. **Training** [AP97, BN90, MP89, MSH92, Rs90, Sa09, DBl+18, Fai07, KJ10, Let00, LMNA17, NBH19, PKR01, Sa199, SW50, XL+19]. **traits** [ARH+17, BD17]. **trajectories** [GSN+15, TPN+09]. **trajectory** [CL17a, KPT13, VZT+17]. **Transaction** [KR98, KW91, KW93, Lai97a, Rah92, RW97, SW94a, Uh95, Uh98, CM05, DK15b, DWC17, KW00, LL00, MMCB10, P109, TMB02]. **transactional** [KVT+17]. **Transactions** [BR90, HW94, ZM06, HyLW+12, KWM99, LL00, LLK04]. **transcoding** [LG05a]. **transcription** [RJHKK08]. **Transfer** [Gla88b, HJ91, JVP+98, Par98, ACDG02, Gla88a, MXZ11, Pf99, RLY+13, Sa198, WPL+18, YJZ17]. **Transferring** [HBCC94, MFTP18]. **transform** [BGG09, CJ13, LWH05, Lin16, NES+14, TK14, yWpWypN13, WS13]. **Transformation** [GA95, Lan98b, BGTC18, EBE18, JMM17, KLL17, LKRYTS18, Lin12b, MBPM19, nPHW+16, PRR17, Rey07, SHC+11, YHM+14]. **Transformational** [MB84]. **Transformations** [AR94, CGdL10, CCGdL16, DPL16, KZD09, LK13, SDB16, TSRC18]. **Transforming** [GC13, JMM17, Dav95, DC09, GN15, KK12, LCL15]. **Transitioning** [Wey01]. **transitions** [EAH+11]. **Transitive** [Fra86]. **Translation** [JN84, CR06, KKL12, KAS18, Oi08, UHCLS94, Ye00]. **Translator** [HL93]. **Translator-Based** [HL93]. **transmission** [HKY01, HCO4a, MMTS15, Ng99, NaL00, PrSdO+13]. **transparency** [DFCR96]. **transparent** [AT09, CDr+16, LLLK12, Lin00]. **Transport** [Fai85a, LHP+09, LHP+10, ST11, XZP+10]. **Transporting** [BP80]. **Transposition** [HP92]. **Transputer** [Row86, YY93]. **Transputer-Based** [YY93]. **Trapping** [RPSL10]. **Traps** [CYH04]. **trash** [Gla98f]. **traversal** [CJ09]. **Treating** [BL02]. **Tree** [LH83, CMC04, CV95, GGV+18, HWL13a, HLL01a, IWF07, KY09, LHY12, N07, PDBD18, RLL+18, SC00, SA11, SS04, TW07, WQJZ10, ZL11, Zha12a, PDBD18]. **tree-based** [HWL13a, SA11]. **tree-like** [ZL11]. **Trees** [PS90, BTPLST15, BF96, CGW08, LM96, SPD06, WH99, KMWL12]. **trends** [At095h, Chr16, GBC11, Har98, LZHS11, MKHLB16, PMM11, YCA17, ZS95]. **Triad** [Zim84]. **trials** [TKH+11]. **Triangular** [RT86]. **triggered** [LLL00, SW10, SFSE05]. **triggers** [FGB+19]. **trimmed** [TTL10]. **TRIO** [GMM90]. **trip** [GH04]. **Triple** [LW13a]. **Triple-image** [LW13a]. **TRiStar** [MNS16]. **trivial** [Gla89d].
trivial/brilliant [Gla89d]. troubled [KP10]. true [KSAOK04]. truly [Gla89c].

Trust
[AHH+10, BCLW11, AZW07, BVN07, KK11, MRM16, MLW16, RNR17, SFMB16, TR18].

Trust-based [BCLW11]. Trusted [RT93, PWY+16]. trustworthiness [KR14, LNY06, LY18, SXYW14].

Trustworthy [BEZ14, Sch03, KK11, LLWL14, MA11, XYS07].

truthful [KBRV18]. truths [KA17].

Tsao [YWEL+13], Tseng [LKH09].

TSTSS [XLL+19], Tukutuku [MDFG08].

tunable [HC06]. Tuning [GSP+19, LZL97, Del08, DWC17, HPT07, PCYZ12, SRT+12].

Tunisian [FM90b]. Tunisian-French [FM90b].

tuple-space [PA99]. tuple-spaces [JF04].

Turkey [GCBCD15, GCDY16].

Turkey [GCBCD15, GCDY16].

Two [CFK91, Chr86, Del08, DHP86, Gla97k, HWC+10, KCK+98, MF90, MT13, MRW+94, Mül05, Sah94, SM92a, TC93, Ulu95, YSL+10, ZMAER99, Aba06, BV16, BS09, CB16, CK02a, DHL06, Gur01, HJ12, HBVG08, HY95, KK07a, Kar94, KL07, LC+13, LC05, PPG+13, PFL16, TLK+16a, XLL+19, KK06].

Two-Axis [Sah94]. two-dimensional [Ab06].

Two [CFK91, Chr86, Del08, DHP86, Gla97k, HWC+10, KCK+98, MF90, MT13, MRW+94, Mül05, Sah94, SM92a, TC93, Ulu95, YSL+10, ZMAER99, Aba06, BV16, BS09, CB16, CK02a, DHL06, Gur01, HJ12, HBVG08, HY95, KK07a, Kar94, KL07, LC+13, LC05, PPG+13, PFL16, TLK+16a, XLL+19, KK06].

Two-Disk [TC93].

Two-level [DHL06, LC05].

Two-Person [KCK+98].

two-phase [HJ12, HY95].

two-stage [KK07a, XLL+19].

Two-Version [CFK91].

Type [Bel91, ASMN15, Ayr04, CK02b, KCV11, TPGdS13].

Typed [Gan91, QOLJDG16].

Types [RR00, CPZF19, CPR13, LUS+00, MRS18, ML08, WH15].

Typical [ZDC+11].

typing [SY16b].

typology [KJB97].

U [GMGTdFR14]. U.S. [Sny79, Tha80, Zuc90b].

Ubiquitous
[BCF04, ADMOK+10, CdCadO18, CJ09, GZKL13, HGP+12, HLTO9, MDP+11, SNL16, SY16b, Tan04, FdSdP08].

UCSD
[LGCI17].

UDDI [JSBR09].

UFN [LGW09].

UI [KL10, KL11].

UID [VA08].

UK [TE99]. ultimately [JCC05].

ultrasound [CCWT13].

UM-RTCOM
[DGL+08].

UM [BM07, BLOSO6, CT09, CCR14, Cie16, FLA+01, GBL08, HJH10, JHBS09, KZDX09, KSS03, KSS15, LASE00, LCLP16, OT17, OD05, PC10, PSC+09, SDB18, SHS16, SWK06, TLGE18, TGP11, WWSS13, WPP+09, ZPEL01].

UML-based
[HJH10, JHBS09, SHS16].

UML-F
[FLA+01].

UML/OCL
[CT09, CCR14, OT17].

UMTS [OHJ10].

unanticipated [SM09].

unbalanced [PV94].

Unbounded
[FN86, LGS+19].

uncaching
[MC04].

uncauthe
[JC04, OBS+18].

uncertain
[CGZ+15, LW13b, MAG12].

uncertainties
[CIB+19, PS15].

Uncertainty
[CPYZ14, NLSK04, ZAY19, ATVHJ18, BCK00, BLL02, GE15b, JKWLO9, Moy00, SFMB16, TGE17, WLL15, ZYA+18].

Uncertainty-wise [ZAY19].

Unconstrained
[Ber93, HH06].

underfeeding
[BBBP13].

undergraduate
[Ale05, RF18, RH+18, SsvdW99].

undergraduates [SJ05].

underlying
[dSF12].

Undersampling
[LLC17].

Undersampling-Boost [LLC17].

understand [AD07].

understandability
[CFRCP+18, MNO18, MNSA15, MNSA16].

Understanding
[AH88, AC17, CPZF19, CFA+19, DMQ07, EGH016, FCM09, FMR11, Gh01, Gla93d, GA95, KA18, KQ17, Lak93, Leb08, LF96, MKNS06, MPS+12, Pf99, QLBS17, SA12, SS12, SHW09, SSA08, Bat08, BM89, FTAM99, Kef15, KV05, ZYF+19, Zhtn04d, dSF12, BV18].

Understands
[Gla92b].

underwater
[LWC+18].

unethical
[FF89].
unforgeable [SXYM11]. Unicode
[PWC12]. Unified [BFR96, Gon95, Lak97, Mai96, BMB18, GPSS+13, YYL+06, ZSM04].
Uniform [WWF94, CP2b, GP10b, LC05, LC07, MGB16, PC01]. Unique [Gla97f].
UniSpaCh [PWC12]. Unit [Jor16, EED16, PV18]. United [Duv95].
Units [Joy87, BM98, CGMPAP08].
univariate [LM13, LW13b]. universal
[CC09a, Har04, RA16]. universe [FNWL18].
universities [Fug12]. university
[CSNS05, MHB18, MBL+99, Wen03, Bra89, CR89, Mil89].
UNIX
[IBP03, WLC95, Bar86]. Unix-Based
[Bar86]. UNIX™ [Ni97]. unknown
[HAE+15]. unlabelled [ZSC18].
Unreliable [XZP+10, PK02b]. unsolved
[Ano91c, Gla91]. Unsupervised [AIE19].
untestable [LNY06]. Unusual [TDLA18].
Unveiling [LAH+16, JLY14]. up-down
[WCLL09]. update [HyLW+12, IBHAI2, Lu06, McD02, YC08b, Zel09]. Updating
[FS91, GCSADDp11, MLCO9, MIUM12, KNYS09]. upgrade [CSNS05]. upgrades
[BCBZ14]. upon [Lin12b, WLC08]. upper
[KRHZ05, SSO05]. Uppermost [BSG12].
urgency [CBL+15, HLC+09]. URL
[HRRC16]. URLs [CCY11]. US81bn
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[Ano02a]

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[Ano02d]

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[Ano02a]

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