Title word cross-reference


* [TTC15].


.NET [BS03, QOLJG16].

/M/1/Fifo [MR86].

1 [Bel91, KJ10, Lit90, WL99]. 1-2-3 [Lit90].
AJCM08, BG98, CZUB99, DMV98, DPSU06, KRC09, KR98, yl98, LLL00, LCLP16, MA94, SBB98, Ul98, WZJ01, YTW+13, PK02a. Active/Standby [PK02a]. Activities [SSR18, AI 12, AAN11, MG04, ROR11, RDVC19, SSA08, Xia13]. activity [BS12, ÇB16, CCC05, DC17, LNY+11, MS16, SGINTJ15]. Actor [RMC93, BS+18, CDRT13]. Actor-Based [RMC93]. Actors [Chu97]. Actual [ETM10]. actually [SLS08]. acyclic [LWLL12]. Ad [ACSC16, ACL13, BMES04, BCLW11, hChSyCwL10, CWK10, Cho13, KSHC14, LLHY19, MSHG18, MLHL12, MDO+10, WF07, WOC15, YZ05, YSK09, ZMN05]. ad-hoc [hChSyCwL10, MDO+10]. ADA [Bel91, CW90, Bak88, CT94, Coh81, DS92, Di91, EOM95, MA89, PW92, RW00, Rom98, SC88, Tom89, Wce81]. Ada-like [CT94]. Adam [XCM+12]. adaptability [PPMM14]. Adaptable [CS04, HK09, RS06, SK04, EMSU11]. Adaptation [PW92, WKM94, APIM+14, ADL05, BGE17, BBD18, BML14, BBO5, CcDL+16, CPFY14, CG12, DPSU06, EGG+11, FDsdP08, FCB+16, GBH+16, GSP+19, GDSB11, HKY01, INS00, JS13, JS16, OC04, Pot13, Rad04, SH17, VSS+11, XCM+12]. Adaptations [GRS92]. adapted [TPGdS13]. Adapter [XPBC11]. Adapting [MHB18, SH17, BJG11, CELS07, HG+12, SBB+16, CR89, PH13]. Adaptive [AR12, ABB15, Bh99, CGH07, CW97, CL08, CKL09, CKMT10, CT11a, CKC15, DGV+07, GL50, HyLW+12, HC04, KRD16, LU06, LWHS05, LG05a, LCLF13, LQG10, MSHG18, PSK05, PS06, PWLL13, SF92, TSSD09, Ai18, AG15, ARS17, BS+18, Bar15, BL+08, BFV04, CJHB08, CcDL+16, CSSG05, CKL08, CHL+13, CHLW17, CZC+18, CGPT14, EEAZ13, FS19, FGCBC10, GZKL13, HWR17, HC04a, JC15, KKG+12, KSAOK04, KCB05, KD05, LT07, LT09, LCF+06, LGL08, LXC13, LC98, LWW+10, LZR16, LYC14, MLLK11, MPST06, MV05, MK06, MHC00, MPN+17, MCS+12, ND18, PCHW12, PPMM12, PPMM17, PZ15, QXYL16, Rav03, RH06, SMG08, SAA+10, SB17a, SYB12, SRWE10, SG06, TJT+18, TC06, VA08, WDC12, WCX15, WMAS12, WKH11, YHZ+09, YXP+18, ZC06, ZL07, CH05, LLCL17, SD16b]. adaptivity [ZHGL11]. adaptors [AMNT08]. adapts [EJ00]. Adding [KCR16, MTF14, RUV92, CLO05]. address [PN14]. Addressing [Jef96, GSN+15, WJ99, HR95]. adequate [DW11]. adhocracy [An093f, Gl93b]. adjoint [ULU06]. adjustable [WJ17]. adjusted [CH07b]. Adjusting [MG11, Oja16a, ST11, CV14]. Adjustment [UH96, ANM15, MCC+18]. ADLs [WB15]. Administration [DR84]. admitted [MK+18, SSK19]. adopt [PWS+15, SNJ+07]. Adopter [RNK17]. Adopting [Har97, LNPB19, TTTM19, MKK09]. adoption [AW07, BdMSN+17, BM89, CCP18, Che17, EGHO16, FB18, GN15, JLL19, KCV+19, KKA+19, MRM16, NHH+12, QHS08, SG12, Tan00, TW08a, UN09, WDK99, Wn11]. adoptive [SS12]. adult [CHZY03]. Advanced [CY04, GKO91b, LJA+11, ZS05a]. Advancing [SW19]. Advantage [Gla97f]. advantages [CD07, PW09, VC97]. adversary [dOCS13]. advertising [AM10b]. advice [KJ99]. aerospace [Tha80]. AES [BBBP13]. aesthetic [QLC16]. AFCChecker [TCX13]. affect [GCG16, Kel09, NBM19, SMH18, SSK+18]. affecting [DLT99, LR+19, MP12, PWS+15, RH03, Wn11, ZP00, ZSP15, ZP17]. affiliations [ESM19a]. Affinity [SK13, WW97, Kar00]. Affinity-aware [SK13]. Affirm [MD81]. affordable [CCG+10]. after
[Gla98f, JBA08, KQ17, PTRW04]. against [BBBP13, HHH+10a, KKHH11, OLV15, SCH05, SC09, TLL13]. Age [Rei87, SSMvD16]. Agency [FK92, ML03]. agenda [AS16, FS17, WD07]. Agent [AM04, CCG+10, CL04b, GGS15, LN13, ATHM17, AN16, BHAM09, BM17, BWM06, CPT05, CC08b, CET+08, CLC08a, Cho05, CNKL12, CMNA+09, GMPN16, GRBNA10, GTA09, GCC+15, GZKL13, GGM11, ISM11, JZL07, JS16, KH16, LH04, LG17, LTI09, LSH09, MV05, MV06, MIBV14, OKS08, PLCC09, PA99, RMC05, SPTM15, SCdS+06, SST16, Shu99, TJ10a, KKHH11, OLV15, SCH05, SC09, TLL13]. Age [Rei87, SSMvD16]. Agency [FK92, ML03]. agenda [AS16, FS17, WD07]. Agent [AM04, CCG+10, CL04b, GGS15, LN13, ATHM17, AN16, BHAM09, BM17, BWM06, CPT05, CC08b, CET+08, CLC08a, Cho05, CNKL12, CMNA+09, GMPN16, GRBNA10, GTA09, GCC+15, GZKL13, GGM11, ISM11, JZL07, JS16, KH16, LH04, LG17, LTI09, LSH09, MV05, MV06, MIBV14, OKS08, PLCC09, PA99, RMC05, SPTM15, SCdS+06, SST16, Shu99, TJ10a, KKHH11, OLV15, SCH05, SC09, TLL13]. Age [Rei87, SSMvD16]. Agency [FK92, ML03]. agenda [AS16, FS17, WD07]. Agent [AM04, CCG+10, CL04b, GGS15, LN13, ATHM17, AN16, BHAM09, BM17, BWM06, CPT05, CC08b, CET+08, CLC08a, Cho05, CNKL12, CMNA+09, GMPN16, GRBNA10, GTA09, GCC+15, GZKL13, GGM11, ISM11, JZL07, JS16, KH16, LH04, LG17, LTI09, LSH09, MV05, MV06, MIBV14, OKS08, PLCC09, PA99, RMC05, SPTM15, SCdS+06, SST16, Shu99, TJ10a, KKHH11, OLV15, SCH05, SC09, TLL13]. Age [Rei87, SSMvD16]. Agency [FK92, ML03]. agenda [AS16, FS17, WD07]. Agent [AM04, CCG+10, CL04b, GGS15, LN13, ATHM17, AN16, BHAM09, BM17, BWM06, CPT05, CC08b, CET+08, CLC08a, Cho05, CNKL12, CMNA+09, GMPN16, GRBNA10, GTA09, GCC+15, GZKL13, GGM11, ISM11, JZL07, JS16, KH16, LH04, LG17, LTI09, LSH09, MV05, MV06, MIBV14, OKS08, PLCC09, PA99, RMC05, SPTM15, SCdS+06, SST16, Shu99, TJ10a, KKHH11, OLV15, SCH05, SC09, TLL13]. Age [Rei87, SSMvD16]. Agency [FK92, ML03]. agenda [AS16, FS17, WD07]. Agent [AM04, CCG+10, CL04b, GGS15, LN13, ATHM17, AN16, BHAM09, BM17, BWM06, CPT05, CC08b, CET+08, CLC08a, Cho05, CNKL12, CMNA+09, GMPN16, GRBNA10, GTA09, GCC+15, GZKL13, GGM11, ISM11, JZL07, JS16, KH16, LH04, LG17, LTI09, LSH09, MV05, MV06, MIBV14, OKS08, PLCC09, PA99, RMC05, SPTM15, SCdS+06, SST16, Shu99, TJ10a, KKHH11, OLV15, SCH05, SC09, TLL13]. Age [Rei87, SSMvD16]. Agency [FK92, ML03]. agenda [AS16, FS17, WD07]. Agent [AM04, CCG+10, CL04b, GGS15, LN13, ATHM17, AN16, BHAM09, BM17, BWM06, CPT05, CC08b, CET+08, CLC08a, Cho05, CNKL12, CMNA+09, GMPN16, GRBNA10, GTA09, GCC+15, GZKL13, GGM11, ISM11, JZL07, JS16, KH16, LH04, LG17, LTI09, LSH09, MV05, MV06, MIBV14, OKS08, PLCC09, PA99, RMC05, SPTM15, SCdS+06, SST16, Shu99, TJ10a, KKHH11, OLV15, SCH05, SC09, TLL13]. Age [Rei87, SSMvD16]. Agency [FK92, ML03]. agenda [AS16, FS17, WD07]. Agent [AM04, CCG+10, CL04b, GGS15, LN13, ATHM17, AN16, BHAM09, BM17, BWM06, CPT05, CC08b, CET+08, CLC08a, Cho05, CNKL12, CMNA+09, GMPN16, GRBNA10, GTA09, GCC+15, GZKL13, GGM11, ISM11, JZL07, JS16, KH16, LH04, LG17, LTI09, LSH09, MV05, MV06, MIBV14, OKS08, PLCC09, PA99, RMC05, SPTM15, SCdS+06, SST16, Shu99, TJ10a, KKHH11, OLV15, SCH05, SC09, TLL13].
Aligning [GGT\textsuperscript{+}19, VvSvV16, CRESF\textsuperscript{+}13].
alignment [BCV06, LMR12, UGFK15, VLC\textsuperscript{+}17, CBVD07]. all-port [MV10].
All-uses [FWH97]. Alleviating [MARD16, WWC98]. Allocations [ML95, TC93, IJC03].
Allocation [AH81, Cho95, Rah92, SG89, Aba06, Aba08, BMOKAM09, BMAH11, BHAM09, BV15, BGLG13, CLSa01, CAG17, DXPY03, DM17b, GQ12, GP05, HN15, HCDJ08, HC01b, HL06a, KHS09, KKM06, LLL06, LCLL07, Luk11, MC01, MV05, MK06, NK15, PM99, SK03, SOC\textsuperscript{+}03, SWES16, TY18, TM98, YYWW07, ZWC\textsuperscript{+}19, vdSJK\textsuperscript{+}07]. allocator [HC06]. allowance [RXY\textsuperscript{+}19]. ALMA [BLBvV04, LBvVB02]. Alone [ESM19a, DF00, ST89]. alphabets [Kan15]. Alterations [SB95]. alternate [ZLW\textsuperscript{+}12]. alternating [GAK92, WCB\textsuperscript{+}17]. Alternative [KML94]. alternatives [DC09, KK12]. Alvey [Qui94]. Always [GFP11]. AM [KKP12]. Ambient [ARS10, ABB15, GMPN16, BH\textsuperscript{+}12, RASL12]. Ambient-PRISMA [ARS10]. Ambient-PRISMA [ARS10]. American [Gla97f]. Among [HB83, LIC92, Sho91, CLC96, CLW05, Do97, GE15b, HGK\textsuperscript{+}06, HG18, WSK08]. amongst [RHRC13]. Amorphous [HBD03, BKSM13, BKSM14]. amount [EEAZ13]. amplification [DVYP\textsuperscript{+}19]. AN/BSY [AAC10, AN/BSY-2 [AAC10]. Analogy [ANC11, ANM15, CH07b, IAA16, JIS03, LXG09].
Analogy-based [ANC11, ANM15, CH07b, IAA16]. Analyses [Eva97, OKOM07, SND9].
Analysing [GW01, JMS07, SB17a, SYBN12, dL04, LTK\textsuperscript{+}06]. Analysis [AV12, AS06, BNW\textsuperscript{+}08, Ber93, BC91, CH94, CUY09, CDPM17, CR09, CMP85, DHKV06, DLG96, DG80, EHS93, Eli92, FM93, FN85, FA94, FA197, Gla92a, GDF86, Hag91, Har88b, HH87, HB98, HH08b, IMM95, Jef91, JP94, JO83, KSH92, Ken84, KS96, KSAK04, KP93, KP97b, Lak93, LL97b, LH83, Lin93, LG03, MTG92, McF92, MW95, MM93c, Mue86, Myr90, Nel81, Par86, PdF97, PH86, RCSR9, SW10, Sea88, Sch91, Sel93, SSP17, SB95, TOY95, Tia96, TTP97, Tsu85, WH91a, WH91b, WKM94, WCTK12, WL06, YNDS88, ZEB88, ZZ94, vdBK94, AAMS14, AAMS16, AMAY19, AH\textsuperscript{+}10, AHW10, AS10, ACRD19, AHB19, Aml100, BH02, BH03, BL9, BRC09, BDMK03, BKL\textsuperscript{+}18, BBS00, BHH\textsuperscript{+}12, BLBvV04, BLTY18, BGG10, BW10, BHL00, BRS10, BCL12, BROS06, BSB12, CCG14].
analyses [CC00a, CS15, CS16, CCC05, CCN\textsuperscript{+}10, CLL99, CCW02a, CMM15, CJ98, CH99, CKy98, CPL\textsuperscript{+}04, CL7b, CVGP13, CGW08, CZH\textsuperscript{+}08, CMM19, DCAC09, DH09, DG09, DC17, DSGS17, DS98, DZT\textsuperscript{+}14, DH13, DOL\textsuperscript{+}16, EH19, EBJ17, FDN\textsuperscript{+}16, FAB\textsuperscript{+}07, FBD\textsuperscript{+}18, FL05, FGYP17, FP18, FRR09, FTAM09, FMdAR16, GCDY16, GGT\textsuperscript{+}19, Gok09, GPML06, GA07, GAK92, HPT07, Haé92, HGBS81, HH07, HBT16, HRB12, HS14, HCL\textsuperscript{+}10, jHj1, HY00, Hua05b, HZCD05, HCC10a, HWLM12, IBP03, IZ18, IYS13, JMP07, JM96, JX07, JCY04, K17a, KR09, KM06, KL04, KM09, KCV\textsuperscript{+}19, KKP06, KPS09, Kim12, KPP12, KLS03, Kor99a, KDEL04, KSH09, LJH10, LHC95, LKH\textsuperscript{+}08, LKJ10a, LKJ10b, LS14, LYC04, LG09, LGL\textsuperscript{+}10, LKL01, LM96, LD07, LM11, LSA04, LHC\textsuperscript{+}05, LH06, Lop03, LHSK06, DPP03, Lut96, MYZC06, MT07, MLB09].
analysis [MG10, MJ14, MTF14, MK17, MVSG18, Mil00b, MR99, MR00a, MA10, ML08, MN12, MMTS15, MM10, Mor08, NS92, NSA10, dONTF\textsuperscript{+}19, NSM17, OHL17, OML16, PG05, PDS19, Par00, PK02a, PC04, PH13, PM17, PS00, PDBD18, QBO\textsuperscript{+}14, RK00, RAS14, RH02, RH03].
RPT19, RGH17, RITF+11, RASL12, Row86, SG16, SKZ+04, SNBH08, SK11, SS12, SCwY12, SC88, SGC+17, SW09, dSSV11, SS04, SM08, SRBT18, SJS13, SLLL14, SLL+15, Su100, SPZ06, TNJH07, TNK+19, TASA08, TDB+08, TXCX19, TCS18, UN09, VTZ+17, VCMG17, VHFF+17, WCC12, WLZ+17a, WZY+18, WKGW19, Wei79, WKV11, VW11, WG05, WPP+09, WMOKY11, XYCL17, XNP07, YAY13, YLXZ16, YS02, YFT+15, ZP00, ZSP01, ZYZ+17, ZJDB02, ZZP15, ZP17, dB12, dBvV08, JR15, LBvVB02, MS17b, ADZ+09.

analyst [MG04, SJ17]. Analysts [TDB97, RDPM19]. Analytic [BDM+03, FSA87, FWP93, Lee93, LZKW12, MB19]. Analytical

[EK13, LJ16, VRPT18, FCSM09, MA09, Mi00a, MV11, RST98, ZM06]. Analytics [UB19, CBVF19, KCR16, LLH+16, VZT17]. analyzable [DGL+18]. analyze [MR00b, PSMB01, SGMM13]. Analyzer [FLN91, PÁC13, BB89, EOM95, KH10].

Analyzing [CC02a, CWC04, CL15, CMR19, CBKK08, HIs98, JLMG17, KG10, MW95, Mot96, RSB+16, Sta90, BKRW19, CTKT13, HYS+04, KJS+12, Lop03, MBPM19, PB11, YAKK16, JLZ+19, vAAJ16]. anatomy [TKP+18]. anchors [LJ16]. and/or [Vla98].

and/or [HHKW16]. android [BCA+19, AAM+17, CCL+19, HBM19, JLL19, KFLS18, LZL+18, LRB+19, LVVT17, LWBH16, OBS+18, SPCT18, TKZW17, YGN+16]. Android-related [LRB+19]. AndroidOff [CCL+19].


Anomalous [HWM01]. Anomaly [CA87b, Rad04, SKK+18a, BLL+18, CA87a, CCKM09, DLW08, Hsi91b, KMM89, WWZ+14, Zve90]. Anomaly-free [Rad04]. anonymity [MK15a, YL16]. anonymous [CHL+08, FHHL09, Gla95]. answers [TLWS10, VL94]. ant [MDO+10, TJH15]. Antecedents [GA11, LCC10]. 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].


aperiodic [OD10]. api [SL07, BHRV18, CKCK15, CPIJ09, EZG15, HS03, KFLS18, NKE17, SM17b, SPR17, SO13, XSL+18].

APIs [Sal17, SSSA17, TDK+07]. APIs-based [TDK+07]. Apollo [BP86].

app [GNA17, JED18, LLL+17b, RM19a, vAAJ16]. appear [Gla96h]. applets [HWM01].

appliances [ZDC+11, ZDC+11].

Applicability [WH91a, JWA14].

Application [Alz08, AF96, BFG97, BYY87, Ber93, BL98, CLO95, DK94, EHS93, FKVK19, FCMJ12, Fri90, Gla92, GV92, Gla99c, HLR94a, HZS84, HS95, LSH9b, Lop03, LBV+93, MR01, MM93a, MB84, Ni98, SL96, SK07, TQ05, TZ92, TM97, YN91, ZC97, AV12, AIE19, AR12, ASS07, AYZ10, ANG+19, ASMM18, AdAD17, Aml00, AF16, Ano92g, BVPB13, BC18, BCL+18, BGG10, CS16, CPT05, CDA11, CTZ92, CM15, CH07a, CCL+19, Cho05, hCSW+04, Dav99, DFCR96, DPSU06, DBCG14, EAH+11, ELH00, FJ98, FAB+07, FIGCLN+02, FTSC12, HyLW+12, HBJ+99, HWL11, Hus01, HSS14, JEO2a, JS13, JRO12, KK17a, Kel09, KSHC14, LORB03, LS04, LGW09, LP05, LWZ12, MMTL06, MJZ+10, MR00b, NH+12, OC04, PC15, PTRW04, PHR10, POn03, RDD02, SCGL+18, SCs+06.
SRDLCP09, SCC16, SP14, Tan04, TMM19.

**application** [VSDD12, WCC12, WK00, WHMP99, YWT07, YLYL17, ZSG16, ZYZL12, ZS16, Zha16, DFCPS15, FM11].

**application-domain** [SP14],

**Application-Specific** [DK94, SK07].

**Applications** [Ano86d, CR85, EC04, Goe80, Gom89, HH97, HFK92, IT03, KP97a, LZN04, MD91, MK90, Sta93b, Zho94, AP09, AdB13, ALT+09, AAC16, AAB19, AHOP14, AMHJ09, ABFM12, BBG+04, BPQP+10, BZ14, BSDD14, BAAD17, Boz00, BCS18, BK17, BPB19, CG15, CdCAD18, CELS07, CACT06, CLR18, CJZ04, CLG10, CZL07, CJ09, CC05, CRKH11, CCGD16, CBK08, CRESF+13, CF12, CGPT14, DGV+07, DB005, DY99, DHC02, DK01, DHC11, DS16b, DAG19, FL09, GE15a, GRB10, GBCI11, GD04, GZK13, HL01, HGP+12, HCY19, HVK11, HH08b, HKW00, HS15, ISS98, JCJ99, KDS+08, KHL+99, KR17, KCS01, KHV12, KQ17, LLY10, LXJL10, LJJZ+19, LG05b, LGL08, LT08, LCG10, LZH11, LXC13, LASL14, MV05, MV06, MBD13, MGR+13, MK15b, NOPF12, NK15, NBR+14, OGK13, OD17, Osk97, PL94, PDK+16].

**applied**

[PLHP+15, PG15, PMMM11, GQZ+15, LAS14, RHH18, RLY+13, RAJ15, RB16, RMD11, SPK09, SRWE10, SUS04, SC14, SHS+07, Shi17, SFSE05, SC19, SBB+16, SBB98, SLL12, TKZW17, TJJ+18, TL99, TAF+17, TL09a, UIK17, VVA+15, VSS+11, VA08, WVT+14, WDC10, WW+14, WXY+17, WH15, YXH+18, YXP+18, YS04, YM13, YGN+16, ZCT+09, ZTZ+11, Zhtu03, Zhtu04c, CCCC17].

**applying**

[BS93, BRH+18, CDS02, FSG12, Gon08, KS96, KHMF13, LL98, Mol00a, Moo08, PLH15, SL00, TRF104, AdB17, BKB+07, MGB16, PCFPR19, RSB+16, RMCH+14, Rog89, ZFS15, Ano93c].

**Appraisal** [OKMD12].

**Approach**

[AQ90, Bar92, BW83, BAH96, BST93, CB89b, Car96, CW09, CPDM16, DA86, DK07, DLS94, Dll91, Dye87, Dye93, Fra90, HZ84, HP16, HOT97, JvB83, KL05, KAL97, KSW93, KCK+98, Lam97, Lan98a, LF96, Mai96, MC91, MWH98, MR83, Muse86, NS83, PM90a, Pfd97, Pow86, Rv91, Rv93, She90, SCK95, SDB16, SCK56, Tia96, TM97, WLPL95, WFW94, ACF+07, Aab13, AIE19, AdB13, AMK13, AM15, AHBA19, AM04, AGCI19, AFI16, AdB17, APS+10, AGR19, BML+13, BM00a, BKH10, BDGR01, BHN02, BBC05, CCW+01, CPT05, FGB+19, CFT08, CG15, CF13, CELS07, CWK+11, CCH10, CCY11, CCW02b, CC03, CC07, CCKM09, CC09b, CHL17, CZC+18, CBZ+16, CJT01, CJL11, CHL+13, CAG17, CHCO11, CKL12, CLF+13, CKS15, CGPT14, DBCdP11, DV10, DWC17, DAG19, ESW06, EGH06, EZRK16].

**approach** [EBB09, FVHF+15, FOD04, FG15, GE15a, GN15, GMPN16, GM02, GGB19, GP98, GMLSF+15, GCSDP+18, GPHS08, GPSS+13, GMS07, GSB+07, GEM15, HBM19, HId17, HJ14, HTK00, HK98, Has98, HNH15, HNS12, HPF16, HK09, HCC08, HZCD05, HLLS13, HWML04, IBM11, JS11, JG14, JF99, JC15, JCK+17, JMM17, JMM99, Kam89, KCT12, KR14, KR17, KKH+16, KVGS11, KY08, KY10, KKL+11, KLB15, KD18, KGTO2, KMS09, KTF+16, KR16, KS16, KSS15, KHM13, LMv09, LLM+17, LNC01, Le07, LM010, LGMB17, LNY06, LZJ+19, LWXZ10, LT11, LLWL14, LM96, Lui98, LW07, LLWL19, LASL14, LJ99, LJ96, Lutt00, MMP15, ML09, MPTT14, MFMCY12, Mer13, MM00a, MDCM06, MdFD+15, MA11, MHC+12, MR00b, MA17, Mue99, Mur08, Mus03, Nae01, NEM17, NRG08, OZO+14, OTK09, FS13, PL94].

**approach** [PS15, PCC02, PB11, PD16, PTBP08, PLGT10, PAR14, PCCK18, PMB99, PP94]
PAS$^{+10}$, PSG$^{+09}$, RT07, RW00, RM19b, SCS15, SM09, SL10, SAMN12, S$^{\text{AM+16}}$, SPTM15, SL03, ST07, SMCL96, SAKZ15, SJ13, SSP17, SHC$^{+11}$, SA18, SJH$^{+10}$, TBSvdW18, TVA04, TB13, TGP11, TK00, TT$\text{WY}04$, TL07, TT13, TTT14, TTM19, UIK17, VAM$^{+10}$, WDC12, WMW$^{+19}$, WW11, Wc99, Wu11, WLD16, WDN05, XYCL17, YR09, YSSaR14, YZC15, YJZ17, ZERO00, ZMB14, ZSM04, ZYZL12, ZJZ$^{+17}$, Zhu03, rBHM17, BBEM11, KLRW01].

**Approaches** [GMMGP15, KO95, KML94, LCY00, RBCM91, VLC$^{+17}$, VP92, AJG$^{+15}$, ABCH13, AAGT16, ALRP16, BKS15, Bat08, BS15, CNSG12, DA07, ESM$^{+19b}$, FD$^{\text{AM12}}$, G$^{\text{SM19}}$; HKN$^{+07}$, JSHW14, JZ05, LS05b, MKH$^{+12}$, MH04, PFG13, PMB15, RGV$^{+17}$, Rey07, RM19a, SGMHJ13, SS14b, SH07, TAF$^{+17}$, WCC12, WNC17, dNPM18].

appropriate [LMPM18, Ozk97].

approval [ULS19].

approximate [VL94].

Approximating [BMES04, MMP15, OH15].

Architecture [Amb87, BCEF10, BLMvV04, DY99, EB14b, HJ90b, IMM95, JS03, KP97a, KT16, LJJH10, LH12, LH04, LGZ13, MAG12, MOH16, RC89, SS18, TL96, T$^{\text{KH+11}}$, WC06, ARS10, ARS17, ANH07, AG08, AP$^{\text{CS10}}$, BK$^{+06}$, BL09, BJ03, BNW$^{+08}$, BKH10, BLY18, BGG10, BL03, BCL12, BKRW19, CCdL$^{+16}$, CJT$^{+16}$, CT13, CDS02, CL05, CIZ04, CHLW17, CG12, CD10, CS04, CFN10, CMS04, CBS00, CKS15, DYC19, DHL06, DK01, EK00, EK13, ELHC13, FC$^{+16}$, GAMW14, GBH$^{+16}$, GGvH$^{+18}$, GFP11, GKV14, GCLD13, GAFK13, GDSB11, GGPL$^{+15}$, HNZ17, HBM19, HJ11, H$^{\text{A10}}$, HN17, HKN$^{+07}$, IFW07, JAvdV09, JHSB09, JRO12, KTT$^{+17}$, KDS$^{+08}$, KBK06, KGW12, KL10, KPS$^{+04}$, KH14, KL03, KPT09, KKL09, KKK08, LRvV03, LC07, LG17, LPXL10, LGL08, LLX$^{+11}$, LLL$^{+16}$, Lop03, LICA09, LZR16, LG03, MCC$^{+18}$, MS16, MEB$^{+10}$, MKS10].

Architecture-based [MAH18, MK08, MKNS06, ME10, MDR06, MC15, NFM11, NHH$^{+12}$, PWCC01, PGPC17, PM94, Pot13, PNL07, RR06, RPT19, RS06, SNB08, SK11, SA12, SMHMA08, SLB14, ST07, SSS17, SMS94, SKRB19, S$^{\text{SM+09}}$, SHC$^{+11}$, SHGT16, SC09, TB$^{\text{G06}}$, TJH07, TNNH07, TAJ$^{+10}$, TL14, TSA08, TFS10, THWC10, UD10, VCV$^{+18}$, Vla98, VHFF$^{+17}$, WT01, WB12, WMC17, YLA16b, ZK13, ZML10, ZMAV08, ZMK12, dBvV09, dBvV03, dSB12, vHAH12, vHPJP$^{+17}$, vVT16, v$^{\text{BBSV+S19}}$, AJCM08, CT13, EMSU11, LBv VB02, Wei79].

Architecture-centric [SNBH08].

Architecture-driven
[DY99, MAG12, MEB+10].

Architecture-level [BLBvV04, LBvVB02].

Architectures [AT97, CFBK91, Gom95, Ultra95, AB16, BGH03, BD10, CBT+14, CC01, CNSG12, CHL+13, CV16b, CPDM16, DP02, Del08, Dut15, DAG19, ELK06, FsSBR06, GCC+15, GWd08, GA13, HTB12, IT03, JEO2b, KRD16, KPS08, LCM+04, MCV16, MK11, MGvFGCB10, NCW18, PN14, PN04, RR98, RSP03, SRWE10, SO03, SG06, SM07, TDL+02, UZ09, VZT17, WRP+13, WB10, YHZ+09, BBEM11, CFST08, MP04].


artery [CCWT13]. article [Ano87d, Ano91l, ML08]. Artifact [CFRPC+18, HMG96, WW09].

Artifact-based [CFRPC+18]. artifacts [GE15b, RGBM06, SRBT+18]. artificial [DRCG12, KCV11, KR16, PP94, dBTdSS08]. ARTS [DF84]. Asia [Zuc90a, Rei90a]. ask [BDiS11, vAAJ16]. ASM [ZM06].

ASM-based [ZM06]. ASN.1 [LL99]. aspect [ADZ+09, ARS10, LVM07, MGvFGCB10, NFSM11, NBR+13, PFF+12, SDLS+19, VP07, ZMB14, KCS08]. aspect-mining [ZMB14]. aspect-oriented [ARS10, LVM07, MGvFGCB10, NFSM11, NBR+13, PFF+12, SDLS+19, VP07, KCS08].

AspectJ [FDN+16]. Aspects [Sah94, CSF+14, HL94b, LY18, OC04, VM13, Wij03, WPP+09]. assembling [AMNT08]. Assembly [BK85, HMSC03, JSR08, PTB10, SW88]. Assertion [YRN80, DDF+13]. assertion-based [DDF+13]. Assertions [FAS94, JM09, MGT+87, ABS19, SM00]. Assess [KK81, SFMB16, VVA+15]. assessed [KM13]. Assessing [AKA+15, BHH+10, GC94, JZ07, DPS03, MPT+14, NRO4, OLV15, UGF15, VSH99, FN00, KPS+04, Liu98, NMS17, dAGSdFS+15, SM16, SHJ+10]. Assessment [Cav84, CLL14, Gla94a, Gla96a, Gla97a, JM90, KB07, Pre95, SZZ06, SP08, VP09, Vis99b, AD14, AS00, BP13, BW01, Bud00, CJBH08, EFSJM17, EJ01, FG15, Gla95c, Gla98b, Gla99a, Gla99c, Glao0c, Glao0d, GC01, GC02, GC03, GC05, HNC00, JWA14, KCAS13, KLA+19, KPS+04, LGM+18, LSV+06, LHC+05, LMS12, LHLG+15, MACB19, MSA08, MR99, MGvFGCB10, NL99, ONZ09, PIGO08, PHBJ16, RE+07, RVDC19, SL10, SKW06, SED16, SPSM03, SLL14, TCG06, WTV+09, WTV+09, WTV+11, Woo12, ZADA15, ZSP01]. asset [BBW+18, OBB09, Rei90a]. Asset-R [Rei90a]. assets [LMN10, TTL+13]. assigned [WWB09]. Assigning [JJ06].

Assignment [KA17, AS01, BNS12, CdCmDMSN16, CY00, KHS11, LL00, LSE12, LCLS16, LMPM18, LZ13, LL14, MLHL12, MJ14, SAKZ15, VVS99, Wen16, ZGL+10]. assist [CHN19a, CKS15, SHGT16]. Assistance [GK91b, BRS17]. assistant [WT89].

Assisted [Bar92, BHH+12, GH03, RASL12, APS16, GMPN16, HHC12, WWL+10, YCG+14]. assisted-living [GMPN16]. assisting [NWZ05a, GXZ+19]. associative [MCV15, GMLSF+15]. association [LcLsW06, TL14, YHHR03]. Associative [Hsi91a, Sta03]. assumption [YLA+17, ZG10]. assumptions
assurance [AS16, CW89, FFWE17, HNH15, Iso98, NDM80, OKMD12, RST98, SM00, WKH+19, ZE03]. Assuring [Hon90].


Asymmetric-histogram [LTW16, CSS+13]. Asynchronous [FC96, FG93, Ha‘c91, HMG96, KM92, GLJ00, Gho01, LR04, Rav03]. Asynchrony [JLGM17].

ATAM [ZK13]. ATEMES [KSH+12]. ATF [CH05]. ATLAS [CL04a]. ATM [SSK98, WMD+10]. ATNet [BMSB94].

Atomic [CGP+09, WM96, MK00, Rom98]. Attack [DG87, CWK+13, GJ08, MBB11, TSL+11, WYL06, ZGZ+13].

Authenticated [CLC08b, WZM12a, WZM12b, WH02, YC09, YC12, ZG10]. Authenticated [Lin01]. Authentication [MHK+10, AUSTIN [LMH10].

Australia [CFSS08].

Authorized [CLC08b, WZM12a, WZM12b, WH02, YC09, YC12, ZG10]. Authoring [CCCT06, CL17b, CBSM16, DGM93, DB005, FDAM12, FMS16, GLZ15, Gl90b, Hab85, HAE+15, JEE16, KSH+12, LPM15, LQW12, LMPM18, LSLG17, Phil06, SWES16, AAM+17, CCR+16, CCH09, DF98, GGVH+18, GL97i, HZ15, HY11, HJ12, HFT16, JF99, KGM06, KBHG17, Lai95, LN+11, LL99, LHP+09, LHP+10, LDS+19, MSK+17, ORJ+18, PTBP08, PPS12, RJHH08, SZZ11, SAKZ15, TAF+17, TH02, VA08,
Automatically
[CHL+19, LHG+18, YFZ+16, ATHM17, GPD+19, RMCH+14, HRC16].

Automating
[CNKL12, KKT17, Lزل+18, SKL10, SG89].

Automation
[BMP97, HZ83, ACDG02, BFLZ13, DL06, FVح+15, Gla95h, GCLD13, KAS18, KMK16, SJ+11, WRR14].

Autonomic
[NKJT09, BDK08, EGG+11, MBT16, WDC+13].

Autonomous
[BHAM09, MHW01, BV+10, ETYL15, GHK05, JD04, MSS18, SP+08, fLSN18].

Autonomy
[Lue92].

Availability
[Aba08, PK02a, Tsu85, BT17, OCC12, Pot+13, SW10].

Availability-based
[Aba08].

Available
[LS97, CSS10, JL+10].

AVC
[LCC+13, LLML13, LW+13].

AVDL
[RS06].

average
[MM01b].

averse
[Kel15].

Avionics
[Lam97].

Avoiding
[JSHW+14, O+08, HST15, HST16, PV94, Shu03].

aware
[AKP04, AAC16, AGB14, AO16, BSDD14, BV+10, BCS18, CDEV08, CV16a, CDT13, CY16, CKC15, DBZ16, DFJ19, DPM+07, DCG+11, EBJ17, FRCG10, GQ12, GBL08, GDSB11, HGB-13, HLYL06, HZ07, JLC+10, KIC16, KPTV09, KR17, K07b, KSHC14, LJC16, LWL+13, LZ13, LL14, LC11, LXC13, LVPMPCL13, MOD+19, MJ18, MRT17, MA09, MDO+10, MV11, NK15, OB13, PSH06, PS09, PCC+11, RT07, SRWE10, SGBCP12, SB19, SGEK19, SK13, TKJ15, TdCAF16, TCI6b, WWL+10, WW+14, Wn16, WX10, WJJ14, XCM+12, YZG+13, YGH+08, wzG13, wZG14a, wZG14b, ZWC+19, ZADM10, ZW15].

Awareness
[TKSRP11, AHOP14, CBC14, DM17a, EZRK16, FY17, NBM19, NBR+14, SSMvD16, TR+18, UD10].

Awareness-based
[SSMvD16].

Axial
[TD08].

axiomatization
[LORB03].

Axis
[Sah94].

B
[WH99].

Back
[Bux90, ZK85, CE08, PJ09].

Back-End
[ZK85].

back-propagation
[CE08].

Background
[Sei89, KM04].

backoff
[MAAC17].

backtracking
[CC01, YZ08].

backup
[CRSS14, MK08].

Backwards
[CCGaL16].

Bad
[BAN96, KP10, Gla89h, LS07, WKB17].

bag
[GGS15, PK10a, MK15b].

bag-of-tasks
[GGS15, MK15b].

balance
[MM05, MK06, Ng99, NJ17].

bandwidth
[MV05, MK06, Ng99, NJ17].

banking
[CC11].

Barefoot
[BS15].

barriers
[PWS+15, WRR14].

Barry
[Fra07, Vau07].

Base
[GRS92, GSC91, MP90, RT93, Won93, HCL12, HL94b, PL94, PM94, RC89, SW96, ZS88].

Based
[AAH10, Art87, Bar86, Car96, CVGP13, CSSW05, DS92, DK94, Dye93, EL94, FM90a, MF05, MK06, Ng99, NJ17].

banking
[CC11].

Barefoot
[BS15].

base
[GRS92, GSC91, MP90, RT93, Won93, HCL12, HL94b, PL94, PM94, RC89, SW96, ZS88].

Based
[AAH10, Art87, Bar86, Car96, CVGP13, CSSW05, DS92, DK94, Dye93, EL94, FM90a, MF05, MK06, Ng99, NJ17].

banking
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banking
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banking
[CC11].

Barefoot
[BS15].

base
[GRS92, GSC91, MP90, RT93, Won93, HCL12, HL94b, PL94, PM94, RC89, SW96, ZS88].

Based
[AAH10, Art87, Bar86, Car96, CVGP13, CSSW05, DS92, DK94, Dye93, EL94, FM90a, MF05, MK06, Ng99, NJ17].

banking
Be [Gla91h, Mat86, WLL17, ED04, FFdRG+14, 
Gla96h, KM13, ZCd96, ZZ16, XZC+17].
BEACH [Tan04]. beam [JC15]. beat
[Gla00k]. become [Gla89c]. becoming
[Gla92c]. bee [MCS+12]. before
[AS10, ZP06]. beginning 
[Gla98k, GPD+19]. Behavior
[MD91, Nit96, Sak84, WSR+83, Ala15, 
AAB19, BPGS13, CLSa01, CGW08, CRSS14,
LGH+17, LLHY19, NJ17, OK11, Oi08, 
RRC07, SC88, War98, dMCR19, KMWL12].
behavior-driven [NJ17]. Behavioral
[BW83, HFC+01, LFW15, Mil96a, CMT02, 
Gla00k, HJBBH0, HZCD05, KZDX09, 
LZLC17, OHBR90]. Behaviors
[FZHS95, CCCC06, JKC19, MM00b].
Behaviour [Nit98, ABJ+17, BPQP+10, 
OFWP07, Ph04, HL10]. behavioural
[BZ10, HCWN05]. behaviours
[HCWN05, dL04]. behind [Gla00n]. Belbin
[HS99]. belief [AC16, BG09, TNJH07].
belief-theoretic [BG09]. believe [FF89].
believing [Gla00n]. Benchmark [Hag89a, 
BGEP17, CZUB99, CDOP15, ZBLG07].
Benchmarking
[NG08, FMDAR16, SA11, VVA+15].
benchmarks+ [SPC16]. Bend [Gla96f].
benefit [NGC02]. benefit-oriented
[NGC02]. Benefits [BS12, BB89, BG10, 
FDAM12, LMT17, TTR+13, ZGYS+15].
Bessel [GJ13]. Best [GFP11, GH08, KT16, 
Sai02, VE03, CL11, Gla91b, Gla92d, KK07b, 
N10, OZO+14, PFL16, ZADA15]. Better
[Gla93i, JTM04, ABL16, Gla98d, SRSC16,
TC16a]. Between [Chr86, HD84, Lan90, 
AJL10, AC17, BMES04, BBD+15, BBS00, 
BCD+18, BGH+08, BFPGS+08, BWPD00, 
CFC111, CRC19, CKL12, CGMPAP08, 
EZOK14, Gla91, Gla92g, GBDCR12, 
GKV14, GMS07, HZ79, HSM16, IF19, 
IBAH12, JHO1, KBGDG16, MER17, 
MR00a, OBS+18, PPMM14, PW09, 
SCGL+18, SAMA17, SBDB19, TR18, TGE17, 
SFMB16, SCdS+06, SI12, ST13, SSMvD16, 
SNM14, SKE10, SRS15, Sha09, SBZ+17].
based [SPLW17, ST07, mSgPTL05, Shi10, 
SL02, SAKZ15, SA11, Shu99, SHBA+16, 
SA16, SM06b, SV12, SSM+09, SDB16, 
SHS16, SS04, SM08, SCH+15, SGW+15, 
SZW+16, SZPMK04, SM03, SH07, SHGT16, 
SLL12, aSRS+10, SHH+15, aSRZ+18, 
SHBC19, TY18, TJH07, TG17, TKJ13, 
TBG13, TB13, TGKL19, TIC18, TSCB19, 
TPGdS13, TAB+16, dBTdS08, TKCR14, 
TL09a, TLT10, TDK+07, TPKT12, 
TXCX19, TMTB19, US19, UIK17, 
VC4A+16, VKL16, VMJS06, VHFF+17, 
Wai05, WCH03, WPC06, WC07, WGY+08, 
WDCL08, WWY11, WVLG13, WCC+14, 
WGC+14, WXY+17, WXZ+17, WYF+19, 
WKH09, Wau19, WZG+12, WDK+19, 
WSM+95, WGO5, WQ06, WDC10, 
WAWO12, WLC08, WS12, WWY+12, 
WOLS12, jWLY+13, WS13, WZJ14, 
XJZ+15, XLW18, XY80, XLM+15, 
XZS+16, XB19b, XYS19, YSG17, YY04, 
YWH11, YLC13, YTW+13, YCC16, 
YLC17, YLC18, YHI9, YGH+08, YSO4, 
YLC08, YLO9, YZL+14, YSK06, YBE17].
based [YGN+16, YK+12, YFT+15, 
YZC15, YLZ+16, YLYL17, YZ+18, YCO8b, 
ZEO04, ZCO8, ZTZ+11, ZLZ11, ZTXT11, 
ZLW+12, ZM12, ZT14, ZML17, ZHH+17, 
ZY+17, ZWM+18, ZM06, ZCZ11, ZI12, 
ZGZ+13, ZH16, ZWF+18, ZL12b, 
ZLMN14, ZSB19, ZYY+19, ZLZ+96, Zhu00, 
ZSO5b, dACM17, dL13, dCPV10, dNPM18, 
WL10, BLUH15, NBH19, TKSRP11]. Bases
[KZ01, Uck91, BF96, MP94, MA94, She89].
Basic [Boe83, GMP94, De 97, KP10]. Basis
[Lea95, McF92, WM90, EVR11, RG79, 
SXWY14, TFLW99]. batch
[AR18, SRS15, dSSJW08]. Battle [RB93a].
Bayesian [Bai05, BHXN05, DCT17, 
KVGS11, PRN17, RSB+16, RBBW18, 
SXWY14, TNJH07, YLYL17]. BBN [FY04]. 
BBN-based [FY04]. BDTEX [KVGS11].
Beyond [Gla95d, RGBM06, dMSSS+13, ZK13, AZX14, AT15, Bos12, GL14, MM19]. Bi [FL05, DRCA+19, VRPT18].

Bi-directional [FL05]. bi-objective [DRCA+19]. Bibliography [Not85a]. bibliometric [KLA+19]. Bidder [CHL+08]. Bidder-anonymous [CHL+08]. bidding [GGC16]. BIDDLE [YY93]. bidirectional [DGWC16, SHC+11]. bidirectional-transformation-based [SHC+11]. Big [SKT17, TLK16b, UB19, GPL+15, LDZL15, SGW+15, VTZ+17, XLM+15, YF15, Dut15, FGD+17]. bilateral [JT12]. binary [CY00, CPILH09, PQBP16, WCC+14, WLZ+17b, ZlmLN14]. Binding [Gan91, CDEV08, GJ88, ZS88]. Biographies [Ano81b, Ano81c, Ano84b, Ano85b, Ano87b, Ano88b, Ano88c, Ano89c, Ano89d, Ano89e, Ano89f, Ano90b, Ano90c, Ano92b, Ano92c, Ano94b, Ano94c, Ano95b, Ano95c, Ano95d, Ano95e, Ano95f, Ano95g, Ano96b, Ano96c, Ano96d, Ano96e, Ano96f, Ano96g, Ano96h, Ano96i, Ano96j, Ano96k, Ano96l, Ano97b, Ano97c, Ano97d, Ano97e, Ano97f, Ano97g, Ano97h, Ano97i, Ano97j, Ano97k, Ano98a, Ano98b, Ano98c]. Biography [Ano79, Ano80b, Ano80c]. Bioinformatics [PM10]. biometric [GCSAddP11, UN09]. birthmark [CPILH09]. bit [PMDH13]. bit-rate [PMDH13]. bitstream [QZ12]. BitTorrent [KA14]. Black [AAB19, BAAD17, CF13, ZZ12]. Black-box [AAB19, CF13, ZZ12]. Blackboard [JRO12]. blame [DGS17]. Blending [CSF+14]. blind [CZL07, HH08b, HC04b, JL04, SHT05, yWpWyYpN13, WYL06, ZC05]. Blit [Car83]. Block [HL83, Gok09, GCCSDP+18, HOR01, KM11, LKH+08, LCLF13, WCC+14, WQ06, WLC08, ZL12a]. Blockchain [TMTB19]. Blockchain-based [TMTB19]. blocking [KW00, Shu03, TGKL19, VGSN18]. blog [TPTV17]. blogs [DV10]. blood [HHC12, Ken80]. blue [Gla00n]. Blueprints [SG91]. BN [PSNB11]. board [Ano02h, Ano02j, Ano02k, Ano02l, Ano02m, Ano03e, Ano03f, Ano03g, Ano03h, Ano03i, Ano03j, Ano03k, Ano03l, Ano03m, Ano03n, Ano03o, Ano04k, Ano04l, Ano04m, Ano04n, Ano04o, Ano04p, Ano04q, Ano05h, Ano05i, Ano05j, Ano05k, Ano05l, Ano05m, Ano05n, Ano05o, Ano05p, Ano05q, Ano11a, Ano11b, Ano11c, Ano11d, Ano11e, Ano11f, Ano11g, Ano11h, Ano11i, Ano11j, Ano11k, Ano11l, Ano12a, Ano12b, Ano12c, Ano12d, Ano12e, Ano12f, Ano12g, Ano12h, Ano12i, Ano12j, Ano12k, Ano12l, Ano13a, Ano13b, Ano13c, Ano13d, Ano13e, Ano13f, Ano13g, Ano13h, Ano13i, Ano13j, Ano13k, Ano13l, Ano14a, Ano14b, Ano14c, Ano14d, Ano14e, Ano15a, Ano15b, Ano15c, Ano15d, Ano15e, Ano15f, Ano15g, Ano15h, Ano15i, Ano15j]. Board [Ano15k, Ano16a, Ano16b, Ano16c, Ano16d, Ano16e, Ano16f, Ano16g, Ano16h, Ano16i, Ano16j, Ano16k, Ano16l, Ano17a, Ano17b, Ano17c, Ano17d, Ano17e, Ano17f, Ano17g, Ano17h, Ano17i, Ano17j, Ano17k, Ano18a, Ano18b, Ano18c, Ano18d, Ano18e, Ano18f, Ano18g, Ano18h, Ano18i, Ano19a, Ano19b, Ano19c, Ano19d, Ano19e, Ano19f, Ano19g, Ano19h, Ano19i, Ano19j, Ano19k, Ano04f, Ano04g]. Boehm [Fra07, Vau07]. Book [LC06b]. boolean [CHN19b, CW14, Kim17, YCC16, YLC06]. Boolean-based [CW14, YCC16]. BOOM [RA96, Gla97d]. boost [CB+16, LLC17]. Boosting [RNC14, ZHGL11, MRJD+12, ROFGFRM13]. bootstrapping [AH+10]. Bord [BRG+12]. Bord-and-Pillar [BRG+12]. Born [CHB94]. Boston [Bra89]. both [HSTCD05, LWLL12, WCC10, YLZX16, YYL+06]. BotMosaic [HB13]. botnets [HB13]. Botswana [UN09].
bottlenecks [HRN+01]. Bottom [PK10b].
Bottom-up [PK10b]. bound
[DAG19, MC01, SMZC12, SS005].
boundaries [Bos12, KRHZ05]. bounding
[HDLK00]. bounds [PNK96]. Box
[HZ84, AAB19, BEMM11, BAAD17, CF13,
KCAS13, WL99, ZZ12]. Boy [Gla90g].
BPEL [LQLW12, aSRZ+18]. BPM
[LGH+17, THWC10]. BPM-oriented
[THWC10]. brainstorming [Gla97h].
Branch [Ber93, BM96, BMP97, SC00,
LMH10, MC01, PS13, PG04, SLC00].
branch-and-bound [MC01]. Brazil
[CCP18, CVGP13, DFG+13, Gar13,
LCM+13, NAB+13, dMSSS+13]. Brazilian
[Bor12, Ana13a, LoSBA+08, WWSS13].
Breadth [LC00]. Breadth-first [LC00].
Break [Spa92]. Break-ins [Spa92].
Breakdown [Tau80]. breaking [RvDV17].
breath [LSR13]. bribery [CW09].
bribery-free [CW09]. brick [SBAH17].
Branding [CKL12, HS11a, MGBE03, TR18,
LVPMPCL13, SBDB19]. brightest
[Gla91b]. brilliant [Gla89d]. Bringing
[BMMZ11, BMK15, NTdSX13].
Broadcast [RLL+18, CBL10, CBK02, DYO3,
HST15, HST16, LKO4, MK00, MV11,
NSAK10, PJ09, PLF05, SM17a, SC07, SC08,
WHY06, ZZ12]. broadcast-and-select
[WHY06]. Broadcasting
[KM04, CK00b, LCY00, MK11].
Broadcasts [Ram90]. Broadening
[Mc92]. Broker [WZJ14, KAK+13].
Broker-based [WZJ14]. brokering
[BVV+10]. Brooks [Ana87d]. brownout
[XB19b]. BrownoutCon [XB19b].
browsing [KY09, LIZ+06].
browsing-based [LZL+06]. Brute [ZK04a].
BSD [WLC95]. BSN [HY11]. BSP [TW07].
BSY-2 [AACO02]. Budget [Lent92]. Buffer
[DMV98, Ha91, CB89a, CSGLO5].
Buffered [MF90]. buffering [YZG+13].
buffers [SLC00]. Bug
[MRS18, ACB18, BNS12, CPZF19,
CCHW09, HCY19, HK13, LYL16,
MRRS19, SAKZ15, ZCC+19, ZM18].
bug-fixing [ACB18]. Bug-proneness
[MRS18]. buggy [WMW+19]. bugs
[CPZF19, CPRT16, ECS15, VGSN18,
WLL17, YLCZ12, ZCY+16, ZFY+19,
IBAH12]. Build
[Pl95, ABD10, CD+14, HFRHS09, SCC16].
Building
[Bar92, DSSL09, GZKL13, HL94a, HO96,
WHC07, BS12, CJS04, GMS19, GRRX01,
GCSSDP+18, GT17, Ha92, KH14, LLY07,
SRGL08, SL01, TG17, XY07, LJDK10].
builds [FW90]. Built [Gla90f, Wal05].
Built-up [Gla90f]. bulk [HSS10]. bullet
[Ana87d]. bullying [GGM11]. Bundle
[ST11, CZH+08]. bursts [SAA+10]. bursty
[BP15, GAWW07, LJM11, PPM17,
WMOKY11]. Bus
[GDF86, MBCD86, CT10, KBM05].
Business
[ACDG02, CBVD07, DLR96, HH97, ML18,
PCCFRP19, TL96, WM90, ABCT06, BGLG13,
CFRCP+18, CO12, CLF+13, DIP98,
FDAM12, FSG+11, GV99, GBDCR12, LC09,
LCL04, LPM15, LMGH17, LWC06,
MSGGL12, MHSM99, Oja16b, OFR+12,
PCCLdGP12, Pi00, PLN07, Re07, SK11,
SL03, SJ17, SS14a, SBD18, SLR16, SK18,
SAS11, TAF+17, TK00, VKL16, VvSV16,
WW09, ZMAV08, RCL14]. bust [Gla97d].
Buyer [Hon90]. bye [Gla00f, Gla02].
Bypassing [TKJ16]. byte [Kim12].
Bytecode [GK08, CY04]. Byzantine
[BDK08, Zha09].
c [KRDH12, AP97, dSACdLF17, CDM98,
CWK+11, CLSa01, CL04a, CC05, CN00,
CMP85, DJL93, EBC10, FLLN09, KTK19,
LMH10, LH98, Lk06, MN19, WK00].
c-means [KRDH12]. C/ATLAS [CL04a].
C/C [KT19]. C.5 [SCLO8]. Cache
[Ha91, Kar00, ARM16, CE08, DPMD07,
ED06, JFC08, OB13, TDW+14, nWsCqW12,
CWK+13. cache-aware [OB13]. caching
[AKP04, CLG08, GLJ13, HL06b, NTT19,
PKL03, SM06a, TYH04]. CAE [WL09].
CALA [HRRC16]. calculating [BS09].
Calibrating [Gul91]. calibration
[LHP+09, LHP+10, NBH19]. Call
[Ano93b, Ano93c, Ano93d, Ano96m, Ano02a,
Ano02b, QGZ+15, ZM96, CV95, Gl95g].
called [Gla89d]. Calls [Ano92d, TLZ+16].
cam [PKS18]. Cambridge [LZ07].
Camellia [LGLL+10, LGLL12].
Camellia-192 [LGLL12].
Camellia-192/256 [LGLL12]. cameras
[MKH+12]. CAmkES [KLGH07]. CAMS
[LJM96, SGL93]. Can
[BB81, Gla91h, Mat86, SSCL08, vAAJ16,
Gla89c, Gla98d, HH08a, LRvV03, ZXC+17,
KBM05, LJB05, Gla93a].
CAN-based [LJB05]. CAN-bus [KBM05]. Canada
[GZ13]. Canadian [GV10]. cancelled
[AS10]. Candidate [BC94]. Capabilities
[MR84, Zel96, KCR16, LH08, TDL+02].
capability
[EB00, GAW92, JH01, LLM+17, LT13].
capacity
[AKQ11, BK17, CAG17, LCT10, LBC10,
Lin12b, LCC+13, MRM16, PK02b, PWLL13,
VV999, WLH13, WCC+14, WLT+09].
Capitals [Woh16, WSM15]. capstone
[RR09, VLL18]. Capture
[PTRW04, Iso98, SL03, TR00].
capture-and-recapture [Iso98].
capture-recapture [TR00]. Capturing
[CBL+15, MH11, PKS18, YAKK16]. car
[PG05]. card
[BNdH05, TBSvdW18, ABFM12]. Cards
[Bri92, JT97, BPM06, HCC10b, KKP12,
YSL+10, BBC+08]. care [HWdS+15]. Cares
[Gla98j]. carotid [CCWT13]. Cartesian
[WDS09]. cascades [RNC14]. Case
[AH90, AN01, BMP97, CL04a, DGM93, EC98, Eli92,
FWD97, Gla96j], Gor91, JVP+98, PW92,
Rv92, RB16, SED03, SSP17, SW94b, SB88,
WKH09, Wic92, AH88, AAC07, AAGT16,
ASS07, Aml00, ABC+13, AACL02, AWSE19,
Bar94, BP08, BMA07, BFPAGS+08, BS12,
BAAD17, BCF+05, CCCT06, CW02,
CKMT10, CXO+15, CZC+18, CCC06, CP07,
CFA+19, DSB05, De108, DZRH04, DF00,
DRCR96, DJW08, ED04, EA12, EA14,
EA19, EG00, EBGR01, EVR11, EBB09,
ELHC13, FAB+07, FCL+00, FLA+01, Fra04,
FWA09, FMDAR16, GGK19, GR05,
GPPT16, GSDs16, Gur01, GEM15, HGBS18,
HF08, Han12, HLAB09, HWC+10, HCC10a,
HPH12, IF10, JWA14, JG08, JCYT16, JC15,
JAS19, JR15, Kan15, KOS15, KFN19, KK06,
KJS+12, KVIH2, KSM+16, KC98, KMG+19,
LQW12, Lin99, LC08, LWZ12]. case
[Lok06, LPB19, MAH18, MVSG18,
MCTM11, MPPL+15, MT98, MMTS15,
NRG08, PPG+13, PSS+16, PAB+17,
PCCLdGP12, PW09, PB04, PWA+19,
PSG+09, RR06, RAS14, RR98, RRW00,
RGBM06, RASL12, SAA+10, Sal00, SS12,
Shi12, SSvdW99, SS14a, SD18, SGC+17,
SCC16, THGL07, TKP+18, UGF15K,
VTZ+17, VAS+04, WGKW19, War89,
WKD+19, WRR14, WHMP99, WLD16,
YLA+17, You00, ZLL+12, ZYA+18, ZAY19,
dB12, dSdMSNO+14, vHAT13, APL95,
BT03, Gla91a, IYKO95, IKCN91, LL04,
Pc98a, PKK98, RBM95, TM97, TKSRP11].
Case-Based [FWD97, EBGR01].
case-supported [Bar94]. cases
[CKL08, DJW08, KSM+16, LWN03,
LMLW19, NS92, TAS+18, WZY+18, YL06,
ZQZ+06, ZY+17, ZZC18]. cash [FHHL09].
Casper [CBSM16]. casual [RB99]. catalog
[PTK00]. catalogs [dAGSdFS+15].
catalogue [EL10]. catalogues
[DV10, PB00]. catastrophes [SC09].
Catastrophic [DG92]. Categorical [SA06].
categorization
[ASMM18, BCL+18, GKP98, GM06].
Categorizing [OW4]. category
[YZF+16, ZA12, CPX16]. Category-choice
[CPX16]. causal [Hyc04, JJP02, JFC08].
Checksum [Bro87], Checksum [Gla91g].  Chen [LLK10, YWE+13].

Chidamber [Gur01].  Chief [Car08].  China [DLW+13].  Chinese

[CW97, Gla90g, JKC19, WCLL09].  chip [CGL+04, ELK06].  chips [TC16b].  choice [CPX16].  choosing [CTA94].  Choquet [SNM14].  Chord [SBZ+17, LZ06].

chores [BMK15].  Chorus [Ban86].  Christian [CR89].  chunk [Hsi91b].

chunking [SHGT16].  churn [AD07, HM00].

CICS [FSA87, FF96].  cipher [AMS+10, LKH+08].  Circuit [PH93, CCdR+16, WMOKY11].

Circuit-Switched [PH93].  circuits [CGL+04].  circular [CZH+08].  CIS [Gil88].

cities [AKA+15, PCG+14].  city [HWHT11, KLL+11, WHD+15].  claims [FF96, Gla96g].  Clarifying [Gla91c].

clearly [LJ99].  Class [CH94, MBCD86, MM93b, NCS10, Rom99, AR12, Al 12, BvD06, CRCR4, CBKK08, EVR11, GAWW07, HA03, KLMD06, LK02, LWN03, LS07, MJ14, MM00b, OWB11, PG04, QGZ+15, RA04, RO13b, SS15, SM03, ZJZ+17, BDO11, FTS12].  class [RO13b].

class-based [SM03].  Classes [BBG86, AC17, CHN19a, CP07, EMM01, Ha688, KL07, LH98, SLO8, SPSM03, ZXL10].

classification [SSK98].  Classification [DZW+09, Ese89, Lak97, LPS02, PS90, Tak97, Tri86a, CCTX06, CCHT09, CP09, DRCG12, FMG08,JCJ99, Kam95, KCT12, KSH05, KU10, KKA+19, LZ12, LIWL19, MT07, MRBN17, MRJ+12, SZ11, SH98, SS14b, SLLY17, TCK14, VHL14, ZMAER99, ZML10].  classifications [ALRP16].

classifier [JE02a].  classifiers [EBGR01, PS05, XHM+11, Zha12a]

Classifying [dAGSdFS+15, WWC98, AlA15, CPZF19, GSM19, LHG+18, YFZ+16, HRR16].


CLEFIA-128 [TSL11].  Client [Gla97d, MA08, BCF18, CDD00, CPL+04, HC04a, NGC02, Pn05, SM94, YS04, CWJK13].

client-based [CPL+04].  client-server [CDD00, SM94].  Client-side [MA08].

Client/server [Gla97d, CPL+04].  clients [FHT07, KNA11, OM13].  clones [MR18, ND18, ZKS17].

clones [BKSM13, BKS14, MRS18].  cloning [MRRS19, ZYZ+17].  close [Gla95a].  Closed [MR86, WLC13a, NK15, NDS13, OH15].

closed-loop [NK15].  Closely [HJ90b].  Closely-Coupled [HJ90b].  closeness [WKBOS17, WGH00].  Closing [CFSS08].

Closure [Fra86].  Cloud [AKAA18, FS14b, GD16, GGS15, HLS+13, MT13, Rya13, AJG+15, ALRP16, AO16, BMA+13, BV15, BJ+11, Bi13, CNM18, CZG+15, CXO+15, CHL+13, CAG17, CDPM17, DPK+19, DS16a, DFJ19, DEA+14, DM17b, DS16b, EGH016, FB18, FNLW18, GS17, GGS+19, GGB19, GCSSD+18, GMNC13, GZS+18, HS15, JCYT16, KSN17, KDA18, KQ17, KBRV17, KBRV18, LMT16, LZC19, LLYH19, LDLZ15, LZY+15, LZC14, LLC15, LY18, LGZ15, Mj18, MGB16, MK17, MS17b, MB16, MJKG13, MCV15, NK15, NB13, Oja16a, Oja16b, OSH+18, PWS+15, RQD+17, SKK+18a, SCO13, SBB+16, Som13, SCC16, SS13, SWS16, TY18, TG17, VPMVM+13, WDC12, WCX15, Wun16, WCB+17, XZZ+16, XB19b, YHS+16, YL16, YL1C17, ZWC+19, ZFY+19, rBH17, Cha17, LZO+13, LZO+16].  cloud-based [CXO+15, CHL+13, LDLZ15, MK17, TG17, YLC17].  cloud-native [KQ17].  Clouds [MCL+17].  clouds [DVE+16, MK15b, SB19, TSCB19, ZSB19, ZHA12, CdAM+14, KKG+12].  CLPL [CX10].  Cluster [Gla92f, AKP04, An092g, ABW07, BH09, CDG10, CLG08, MKMS05, MB06, MAS13, PK02a, Shu99, WZJ01, WGC+14].

cluster-based [AKP04].  Clustered
[WWC97, CDC09, WWC00]. Clustering [BP91, CV14, LK13, IWOY16, MW95, RY93, XZZ+16, ACBS+08, BPGS13, CZC+18, CL17b, CBK02, DFJ19, HLMB07, HWML04, HR10, KCB05, KS16, LQC+14, LZN04, LZX06, MK16, MB06, MJ14, MK06, NMM13, SMDM05, TZ12, TTWY04, YH19, ZCZZ11, Zhu04d, Zhu06].

Clustering-based [XZZ+16, MJ14].

Clusters [AO16, BLM10, BHH+10, CBKK08, IKBH14, RBT11, SHS+07, SBZ+17, ZHGL11, dACM17].

CMM [Chr99, RVM99].

CMM-based [Chr99].

CMMI [Rei00, SNJ+07, WL15a, YYL+06].

Co [DRELHE16, LC06b, SVM19, BSG+18, GGvH+18, HYW+12, HNH15, KBHG17, SHHL12, WRS+17, YXS07, ZS01, dOFB+19].

Co-change [SVM19, dOFB+19].

co-changes [WRS+17].

co-evolution [DRELHE16, BSG+18, GGvH+18, KBHG17].

co-fix [HNH15].

co-located [SHHL12].

Co-operation [ZS01].

co-scheduling [HYW+12].

co-verification [YXS07].

cor [BRG+12].

correlation [ZPEL01].

Coarse [AP97, Ano87h, BB89, Gla97b, JPK00].

Cocktail [Gla90b, OHJ10].

COCOA [MG07].

COCOMO [Fai07, Gul01, NHB19, Sai07].

Code [AC97, AF96, BAE96, CR90, Dho96, Do10, Kal92, KHI10, LK93, LSC04, Luc92, OC90, SED16, WFF18, YC13, AD07, AMdLM17, BHN02, BHI+08, BFV04, BM98, CDM98, CAHV15, CCL11, CH+19, CHL04, DDGR09, EAH+11, FDN+16, FLRT19, FMG08, GKI18, GE15b, Gla97i, GP+19, HNZZ17, HM00, HJ00, IKBH14, JKL19, KS19, KR14, LK09, Lea08, LC07, LK13, LC16, LQCL16, LZL+18, LGM+18, LCL+12, MRS18, MRSS19, MSGM17, ND18, NVPGMPSM17, OM13, OHL17, OKS+15, PAR14, Phi06, PUPT03, QQO+14, RGBM06, SRJ+11, SRJL+18, SM09, SPMMG18, SHW09, TAF+17, THGL07, WGO5, WDC10, YXH+18, YWHL11, ZQQ+06, ZCT+09, ZT+11, WG02].

code-based [JKL19].

Code-on-Demand [WGO2].

code-smells [OKS+15].

codebases [KTK19].

CodeCloud [CdAM+14].

code-dependent [VvSvV16].
codes [Aa15, BMS11, WYCC13].

Coding [BV18, WAOW12, CCHO9, JXLC15, KM11, LWC13, LW09, PMDH13].

coding-based [JXLC15].

Coding-error [WAOW12].

coercion [CW09].

Cognitive [AS96, Let87, SFM99, AMAY19, BPGS13, KC98, Kuo00, PV18, ST01, ZS01, AAJD+16].

cognizant [HPH12].

Cohesive [Dha95, Al12, BDO10, MJF10, QGZ+15].

coincidental [LLWL19].

Collaboration [MLB+99].

Collaborative [EAM+19b, PSEE12, RF18, YSJ13, AAN11, AHOP14, BG09, BDG13, CX10, CC11, GL15, LL09, LNC01, LLW14, LWL+16, LPAGD+06, LOFA17, NOPF12, NR08, PRS11, PBBP16, RR00, SG01, TT13, TTT14, WCB+17, Xia13, XWC14, HB13].

CollabRDL [LOFA17].

collected [Mar81].

Collecting [OW84].

Collection [BBC+88, YNDS88, Yua90, AKA+15, AN10, Fra04, KKL11, LSAC01, SV08, SK07].

collections [SH17].

Collective [MAR+19, SM92b, PGP+19].

collector [KCS01].

Collinear [LXG10].

Collision [KHC16, ZL12b].

Collision-based [ZL12b].

collisions [RM19b].

Collocation [VP07].

collocations [WFF18].

Collusion [MMSD13].

colony [TJH15].

Color [CC04, CPL13, HH06, SNM14, TW07, yWPWyPyN13, WGO2].

color-complexity [CC04].

color-spatial [CC04].

Colored [SBM94].

com [Sha01, IT03, LJK10].

COM/DCOM
combinational [SH07]. Combinatorial [TY18, BV15, KBBV18, YZ08, YZZ14]. Combinators [SD94]. combined [SCdS 06]. combiner [LL06]. Combining [CBVF19, DW14, HK98, MS03, SC19, TC16a, ED06, LC08, LY18, MØHB08]. come [DDMP14, Mea09]. Coming [Fis81]. Comment [IBAH12]. Commentary [WB10]. Comments [CA87a, LZ07, CHL 19, CJT04, DF98, ZYY 19]. commerce [CCF 04, DLW 13, SL02, WGC02, YC09]. commercial [CW02, HBR19, KKP12, LZO 13, SPSM03, YSSaR14, vAAJ16]. Commit [WM96, QL03, RCPZ19]. commitment [EBEL18, WKbOS17]. commits [SYXL17]. committee [Gla96i]. commodity [KMK17]. Common [AMKD13, AJMP96, CCWT13, GDF86, KJLK07, MP90, FAB 07, HR10, LRB 19, SCO13, TKZW17, dMCR19]. Communicating [GHC91, Jia99, Moy96, Lai99, SK13]. Communication [ASSA96, Gla91h, Jma96, LL98, LMS11, MF90, MWH97, MWH98, MV10, PH07, WGGW19, YCGH92, ZS01, ZK09, AN16, AHLH16, AM04, BML 13, BCD 18, CLC08a, CNLV07, DSM 08, ELK06, GC13, HKW00, HSS10, IBP03, KH97, KA14, KKLC12, KM14, Lai02, LLY07, LT13, LUS 00, LyWSZ10, MRM16, MHW01, NK14, OS09, Rav03, RwJK01, Rog89, SCMS15, TSKR11, TNK 19, TGKL19, Tse07, WWC98, YZ05, ZH05]. Communication-efficient [LMS11, Tse07]. Communications [Mor86, AACL02, BBA10, HYCO4, JS99, SS13, WF07]. Communities [SBGT13, ESM19a, GL14, TKH 11]. Community [AM94, Ano13a, ESRF19, JR09, KCV 19, LWZ12, QGZ 15]. community-driven [JR09]. Commutative [Hsi91a]. Companies [ESWA18, BV16, GTF17, HBOS13, KJLK07, MVSG18, SND13, VHF 17]. company [AT18, DLW 13, MDFG08, TTM19, YJZ17, Se93]. Comparative [BMOKAM09, BGG 06, GKP98, Glav92a, MRW 04, PT91, TOYI95, Wils9, CGP 09, DZ05, EFG 08, GRRX01, GR05, GAK92, Kam95, LZO 16, LO04, MVLJ18, MRR18, PKK98, SUS04, SMS11, SSC08, SSL 15, TAJ 10, TdCAF16, vHAT13]. compare [HBVG08]. compared [Lit80]. Comparing [BRB14, BV16, EBGR01, MF90, MA08, Mos84b, NBF 19, RO13a, SGHM13, SPZ06, AAM 17, Mos84a]. Compare [Bla87, DR12, DHP86, FWD97, HJ90b, HG91, JRB 06, Moy96, Ver89, CRC19, DC11, FWH97, KT03, KLMC06, LASE00, LMIV15, LFC12, LMYMG08, LICA09, MBB01, MA10, Mi05, MO84, NLSK04, NBA 17, OD05, OFR 12, OSH 18, PCV 08, PW09, RGV 17, SM06b, TT98, TTKL16b, WBP 03, YL06, YSC 06, ZPEL01, ZML10, ZZP15, ZP17]. comparisons [MM01b, Tho06]. compatibility [FK01, FCC 10, KKT17, RFZ08]. compendium [CTY01]. Competencies [TB95]. competency [HJP15, PKJ13]. competing [CLW05]. competition [HSM16]. competitive [HPT07]. Compilation [Fri83, HL94a]. Compiler [Ros87, WWL 10]. Compiler-assisted [WWL 10]. Compilers [Mos84b, CWK 11, Mos84a]. complete [BG06, HLW04, WL17]. completely [DGJ 03, SD16a]. completeness [RPL97]. Complex [CM12, Dam96, PdC94, PdF97, Sca88, AAA11, BM17, CX10, CHN19b, CL15, CL17b, Cic16, DZRH04, FS19, FGD 17, Gho01, Ghe79, KG18, Lai97d, NC88, PRN17, SGK12, SW95a, TS19]. Complexity [AR90, BK85, CS85, DS92, Eva83, Gon95, ...
HC87, HS95, HB89, HL98, KML94, Mac91, MTG92, MM92, MK90, MK93, Rey84, Tak97, TZ92, Zei88, AHGSS05, CA88, CC04, CG05, DSSH13, EK12, JP90, KT03, KRRZ05, LWW+10, MTO98, Mool98, ZLT10, ZXL10.  

compliance [Kim07a, MOH16].  

compliant [LLK05].  

Component [BDM+93, CSSW05, DPSU06, HTH09, MPRI84, TDT08, YXS07, ĀCF+07, ADZH12, ASGJ13, ARS17, AMNT08, BPW16, BM18, BK90, BH10, Ber03, BBC05, BWW06, BCS18, BKRW19, CGL+04, CLGL05, CHCO11, CL02, DL06, DGP02, DGL+08, EL10, FM11, FBM09, FCC+10, Fra04, FPW96, GHBD+16, GMS07, GDH05, Gru07, GJ08, HNS12, HZ07, KM17, KBB97, KAM13, KLGH07, LS04, LZL+06, LZS09, LG15, LSL14, MYZC06, MB13, MV08, MA11, PEO11, PDC01, PTBP08, PKR01, Rad04, RSP03, SGD+07, SPZ06, TAB+16, VC4A+16, WI03, YM13, ZLZ11, Zhut06, Zhu06, ZS05b, DL04, HT09, WL10].  

Component-Based [CSSW05, HTH09, YXS07, ĀCF+07, ASGJ13, ARS17, AMNT08, BM18, CLGL05, CL02, FPW96, GHBD+16, GMS07, Gru07, GJ08, HNS12, HZ07, KM17, KBB97, KAM13, KLGH07, LS04, LZL+06, LZS09, LG15, LSL14, MYZC06, MB13, MV08, MA11, PEO11, PDC01, PTBP08, PKR01, Rad04, RSP03, SGD+07, SPZ06, TAB+16, VC4A+16, ZS05b, WL10].  

Component-Interface [HT09].  

Component-level [DL06].  

Component-Oriented [TDT08].  

componentized [SRGL08]. Components [BAEH96, DJL93, Eva97, TL06, BW+18, BT06, BDLM16, CCD+04, DACY07, EBR01, GS07, HH07, HJ14, HKG+06, IC5+14, JRO12, KBK06, KBH07, LCP16, LLX+11, MPAA15, OCC13, PDS19, RB11, RITF+11, SAMN12, Sch03, SSSA17, SJ17, SS15, VP00, WCH00, WDN05, YSG17].  

Composing [DACY07, LLX+11, WDN05].  

Composite [DGS88, HS95, Cant00b, CDEV08, Cic16, HS15, LQW12, LSL14, MK15a, SYT+17, WZJ14, YDGB+12].  

composite-metric [MK15a]. Composition [BWH10, BDBLP15, BBS10, BEK+19, CPT05, FYCL13, FL09, JZL07, KDS+08, KBH07, KKK08, KSH09, LKL+11, LLZ14, MdoOBW+15, MS17b, PW03, SZ98, TBG13, TKK+19, dBv03, MG107].  

composition-based [FL09].  

Compositional [SK18, TAJL13, UH96, MK10, SG1+17, TKJ15].  

compositionality [Sch03]. compositions [APM+14, BBD18, Mer13, MSL12]. compound [KPS10, JT12]. Comprehending [Sca88]. comprehensibility [RF98]. Comprehensible [MdFD+15, VMB+08]. Comprehension [AS96, BBP96, KLT07, Let87, RBGM91, DRW00, SKW06].  

Comprehensive [OD10, Zv93, AB10, CS15, CELS07, CPT06, FBB15, FCC+10, KR98, VK08, YZC15, rBM17].  

compressed [LZG07, Lin12a, WC02].  

Compression [Ch91, CBK96, CW97, BGGM07, JEEL16, KPT13, LSC04, QZ14, SI12, TC06, WCH03, WCCL10, WW00].  

computed-based [SI12]. compromise [RFZ08]. Computation [KD91, AI08, CLC08b, CLC08a, DE0+14, MJ89, RMC05, TH05, TAB+16, YDGB+12, YZL+14].  

computation-efficient [CLC08b]. Computational [YGN+16, CL04b, RHHT18, SR15, TdCAF16, Vla98]. Computations [AQ90, BFR96, BP91, Shi10, SK10, UL06, WC89].  

Computed [DS98]. Computer [Am91, Bar92, BTT84, BLP92, BD10, CPT05, CZ91, CM92, DG87, DV94, DHP86, FM90b, FS91, FK92, GK91a, GK91b, Gla09g, Gla09a, Gla96c, Gla97e, Got92a, Got92b, Hav86, Kal92, Kar04a, KL90, KNT86, LFC92, LCJ10, Lue92, MC91, Mat96, Msv95, RA91, SL05, Sla91, Spa92, TLPH95, Y91, Zni93, AACL02, Fle95, FFS9, Gie79, Gla89c, Gla96c, Gla00i, Har87, HHC12, HLWS13, Ifi11, Kar04b, KBDGAW16, LNC01, Mar81,
computer-aided [Mey88a].

Computer-Assisted [Bar92].

computer-based [WSM+95].

computer/IT [Ifi11]. computerized [JJP02]. Computers [IMM95, OS87, SM92b, CC99b].

Computing [Eng81, FK92, Gla91h, KN97, Mor86, Pow86, PP04, Ry91, Ry92, Ry93, Sch97, SPDT06, TMTB19, ZR94, AYG+15, ALT+09, ADMOK+10, AR18, AHLH16, ALRP16, AAN11, ANH07, AGBD14, BV15, BCF04, BS96, CZG+15, DKP+19, DHL06, DB06, DPMD07, EGH016, FB18, Ftc16, GGS+19, Gla95i, GL05, GZSH13, HCP+12, HC01b, HIH7, HLO6b, KHSD10, KHS11, KR08, KK07b, KQ17, KBRV17, LCG+16, LCG01, LK04, MKM05, Mar81, MT13, MGI07, MPG+08, MCV15, Oja16a, PNJGF12, PK01a, RQD+17, Rya13, SPK99, Shu99, SY16b, Som13, SGEK19, TBP19, TJT+18, Tan04, TE99, TW98, TM98, TLM+16b, WT01, WCX15, WLZ+17a, Wen16, XB19b, YL16, YS13, ZERO00, ZGSH13, rBHM17, vWSB13, FdSpP08].

conceal [EEAZ13]. concealing [CPL13]. Concept [FS91, LBX12, MS01b, AACT13, CHN19a, DH13, Gla89d, HLC99, LMGB+17, MM01b, ONR02, Par00, Xia00, YF15].

concept-based [ONR02]. concept-drift [YF15]. conception [BG+16]. Concepts [CHB94, SKH91, TKS95, BDG+03, BGH+08, CDD19, FM11, JNY84, JE02a, KSA18, MH04, SPK99, TKH+11, ZPEL01, Roga94]. Conceptual [BF90, Del92, FM87, Kun95, RA91, RKK16, SA14, Sak84, AF16, ARH+17, BG09, BDPRC18, CT09, DB95, DGG+03, GPH07, PDC01, RB99, TFLW99]. conceptualization [SOS+16]. concern [ADT12, FSGL12, RDPM19]. concern-sensitive [FSGL12]. concerning [Mül05]. Concerns [SSR18, CHCO11, KPS+04, PSEE12, VM13].

Concise [HWHM02]. concrete [PC10].

Concurrency [DY03, wLYH97, RMC93, SW96, CkyL98, HK13, Jun00, KMS04, yLY98, MMCB00, PBM99, SY02, Shu03, SNDD19, WSM+95].

Concurrent [ASSA96, Ara95, KC96, KD91, Kus90, LBV+93, Ng93, SW93, She90, SMB94, Sta90, SP94, UH96, WH97, ACRD19, dSAC+17, ANMT08, BM18, CL18, CLLL96, 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]. conferences-key [LKH09, Tse07]. conferences [LCM+13]. CONFIDENT [PGRQQ12]. confidence [JTM04, LCY14]. Confidential [HS11b]. configurable [PSS+16]. Configuration [Bro87, BLM10, Czvd98, ESM+19b, HBS18, JLL19, MSAH16, MAS13, OGRJ+18, Rav81, SDG+07, SP14, SHBC19, TBG13].

Configurations [ZX94, GBH+16, WBS+10, WGS+14]. Conflict [LL00, ZWX+08, HKG+06]. conflicts [EUR+13, HST15, HST16, HJW08, KL102].

conformance [ATHM17, KYP+03, LCLP16, NS92].

Confucian [WKbOS17]. Congestion [Ha94, GAW07, PV94, ZXP+10]. congruence [ZCC+19]. conjunctive [BL11]. connected [Ab06, Ab08, SK03]. connection [Cic16, JE02a, LB05].

connection-oriented [LB05]. connectionist [TN05]. Connections [Cho95, Cic16, GBDCR12, SSK98]. connectivity [BMES04, TZB19].

connector [BKRW19, LASL14].
connector-based [LASL14]. connectors [EL10, NSDI16]. Cons [Gla90f].
consecutive [AT18]. consequences [HTB12, ST01, SMB17]. Conservation [Leh80].
Considerations [RA91, Rog89, Won93, Car99, Gie79, PK01b, ZW15].
Considering [BD16, SAM+16, WWS15].
considerations [JFC08]. Consistency [CC99a, Kun91a, Liu95, HC01a, TLGE18,
VT99, WSJK08, ZcKS17]. Consistent [DEW+16, TLWS10, BG09, CN04,
DRELHE16, EA12, KH14, PGRQVV12].
console [BLL+18]. consolidation [KCV11, LZY+15, LN13]. consonance [KJ01].
Consortium [DB86]. constant [BCF+05, Shi10]. constrained [LW13b, AR18,
DVV+16, HZG+12, KP07, LZ13, LKL05, PCCB+11, Sko14, SK01,
ZWX+08, ZCC+17, MGH10].
Constraint [Car96, LKR13, UW95, VMJS06, CCR14, CBG09, EK12, GM02,
HCDJ08, TFS10].
Constraint-Based [Car96, LKR13, CBS09, GM02].
Constraint/Rule [UW95]. Constraints [LH95, Pha94, UH96, WFZ96, ZR87,
LPP15, ACH19, CL17b, CF12, GLZ15, GWW+11, KTT+17, KBHG17, LcLSW06,
LYC04, LG5+19, MK08, NBF16, SÄM+16, SR15, VRT98, VRT99, ZTZ+11,
ZKL+09]. construct [Jav88, KTF+16]. Constructing [Fer93, KH96, WZG09,
FYCL13, GMNP16, GCSSDP+18, GPSS+13, GAT15, YZ08, dBV08].
Construction [KK17b, OH94, vC80, BHM12, CX10, Luk11, MSHB98, RLL+18,
RG79, SKL10, SMK+18, SFM99, WWL13, YKC+12, SBGT13].
constructs [BBS00, MNO18, PTF+15].
consultants [CJW13]. consumer [HTB12]. consumption [ARMC16,
APS+10, KA18, PAS+10, SMSH18, XJZ+15]. ConSUS [DDF+05]. contained [LY01].
Container [dACM17]. Container-based [dACM17]. containers [SMSH18, XB19b].
Contemporary [Rey80, BGS+16, GLA95i, TNK+19].
contending [AAMS16]. Content [APK04, CdR+14, CLG08, FMPS16, FdSpP08,
KM17, KY08, LK01, LHH10, LVPMPCLS13, PÁC13, Shi12, SL01, TR00, WWS15].
Content-aware [APK04, LVPMPCLS13].
content-based [CLG08, KY08, LK01]. content-oriented [SL01]. contention
[BL18, BL19, CYT16, MA09].
contention-free [BLS18, BL19]. Contents [AH81, AM01c, AM01d, AM01e,
AM01a, AM01b, AM02c, AM02d, AM03a, AM03b, AM03c, AM03d,
AM04a, AM04b, AM04c, AM04d, AM04e, AM05a, AM05b,
AM05c, AM05d, AM07m, AM07n, AM07o, AM08, LLLK12, LAT10]. Context
[AS96, BDV17, EZRK16, HP90, HP92, KPTV09, SG12, SMS94, AAC16, BD16,
BSDD14, CELS07, CBC14, CMNA+09, DBZ16, DPM07, FRGC10, GMR17,
GDSB11, HGBM13, KOS15, KRJ17, KAK+13, KK07b, KR06, KSHC14, LC11,
LXC13, LLL17a, MOD+19, MRT17, MPG+08, MSK+17, NK15, NBR+14,
PCCB+11, RBA19, RT07, SW05, SRWE10, SG16, Tom89, VKL16, XCM+12,
ZKY+19]. Context-aware [KPTV09, AAC16, BSDD14, DBZ16, DPM07, FRGC10,
GDSB11, HGBM13, KRI17, KK07b, KSHC14, LC11, LXC13, MOD+19, MRT17,
PCCB+11, RT07, SRWE10, XCM+12]. Context-awareness [EZRK16].
context-sensitive [SG16]. contexts [CCY11, KWS+17, LK13, MER17, MHB18].
contextual [AK18, NL09, WR+17]. contiguous [BMOKAM09, SK03].
Contingency [Lan98a, NDM80].
Continent [vS96]. continue [KWT+00]. Continuing [Bra89]. continuity [SMB17].
Continuous [BK17, Che17, Cho13, FS17, RHL+17, TGBF17, HMOK18, IBM11, LU06,
LCC10, SB14, SMB17, Tia99, YMM$^+$17, YMM$^+$19, FGMM17. Continuously [BKRW19]. Contract [DGBE18, ASMN15, NL99, TKK$^+$19]. Contract-based [DGBE18, NL99]. contracting [AG08, LGW09]. contracts [BS03]. contrast [DIDD14, GLW13, MM14]. Contribution [KAL97, PV94, RSM00, War89]. Contributions [LN13, CLL14, LMWM18, VM07]. Control [ANB93, Bha84, CL94, CH83, CW90, FSA87, FZ93, Gla97c, Ha’c94, HB83, HUMT92, HU96, wLyLH97, LVMM07, MO90, RUV92, San95, TM97, AAAC07, ARS17, BG98, BSK$^+$18, BSKL10, BM17, CFL$^+$18, Çam99, CD92, CCW02b, CLH07, CSGL05, CKyL98, Cho04a, Cho04b, Cho05, CHL05, CC05, CC06, CHY$^+$05, CFN07, DMSG11, DYC19, DY03, DZRH04, EK12, FB15, Fer00, FNWL18, GWvD08, GAWW07, HVK11, HSM$^+$07, HVC02, HC04a, JMP07, JE02b, JW06, Jun00, Ken80, KRC00, KMS04, KKL$^+$11, yLeY98, LNC01, LZG07, LBCL10, LH11b, LY01, LDS$^+$19, MGM10, MV09, MA94, MDMC06, MH04, NZM10, NKit09, PTM08, PCHW12, PCY12, PCCB$^+$11, SW96, SP08, SY02, Shu03, SC19, ULN06, WCLK07, WXY$^+$17, WLL19a, WLL19b, ZXP$^+$10, ZML17, dRSBA13]. control-based [HSM$^+$07]. control-theoretic [MDMC06]. controllability [HVC02]. Controllable [KMO91]. controlled [DSA$^+$04, HC10, MNSA15, Mil05, PUP03, Vis99a]. controller [CV14, LCF$^+$06, MMTS15]. Controlling [CWJK13, HY03, dSB12, CDGJ10, Ebe09, ELH00, WL05]. Controversy [Ano92e, Ano01f, Bab91, Blu89, Bri92, Ebe94, Gla91c, Har95a, Hei95, Pre90, Pul90, Qui94, RA91, Rei90b, SM92b, Tau92, Thi94, VPM93, Zuc90b, Zuc90a]. conventions [HAE$^+$15]. Convergence [MG107]. COnversation-based [MG107]. Conversion [Sny91, CGMPAP08, TE99]. converters [JS99]. Convertible [WH02]. Convex [LSE12]. COOL [Bra96]. cooperated [TCSC04]. Cooperation [CRS14, HMG96, SSMvD16, dVRB13]. cooperation-based [SSMvD16]. Cooperative [CMR19, NG91, NMM13, SM92a, AKP04, ASC16, BD10, Dar02, FRR09, Hdm17, KSHC14, RODD02, WM99, FHI10]. Coopetitive [GD12]. coordinate [LOFA17]. Coordinated [BSK$^+$18, MHW01, CGP$^+$09]. Coordinating [Sch81]. Coordination [APCS10, HMG96, SHHL12, CJKC09, JF04, mJKME01, NPC12, PNL07, Sk014]. coordinator [LSH09]. Coping [Moy00]. COPS [Dar02]. copy [HMC98, LC02, WL07]. copyright [CWP09, GJ13]. Coqcots [BDLM16]. CoRAL [AT09]. CORBA [CLCY04, LJB05, LFY$^+$99, RODD02]. Corba-based [RDD02]. core [CYT16, CCK15, FHL$^+$15, KSH$^+$12, LK09, LS14, PN14, PGPC17, WX10, ZCC$^+$17, fLSN18, CD10]. Corner [Ano92e, Bab91, BS93, Bh89, Bo97a, Bri92, Car02, Gla89f, Gla90b, Gla90a, Gla90g, Gla90c, Gla90d, Gla90e, Gla90f, Gla90h, Gla91a, Gla91b, Gla91c, Gla91e, Gla91g, Gla92d, Gla92c, Gla92g, Gla92h, Gla93g, Gla93e, Gla93d, Gla95d, Gla96d, Gla96e, Gla96h, Gla96j, Gla97f, Gla97c, Gla98f, Gla98g, Glag02, Got92a, Har95a, Har95b, Pul90, RA91, Rei90b, SM92b, Tau92, VPM93, Wey01, Wyn01, Zuc90b, Zuc90a, ZWM96, Ano86b, Ano87d, Ano90d, Ano91c, Ano91b, Ano92f, Ano92g, Ano92h, Ano92i, Ano93e, Ano93f, Ano94e, Ano94d, Ano94f, Ano95h, Ber94, BS96, Car04, Fle95, Gla86, Gla88a, Gla88b, Gla88c, Gla89a, Gla89b, Gla89c, Gla89h, Gla89d, Gla89g, Gla89e, Gla91d, Gla91b, Gla91i, Gla91g, Gla91f, Gla92d, Gla92c, Gla92g,
Gla93a, Gla93b, Gla93c, Gla93h, Gla94e, Gla94f. 
corner [Gla94h, Gla94b, Gla94i, Gla95c, Gla95a, Gla95f, Gla95e, Gla95g, Gla96b, Gla96c, Gla96f, Gla96g, Gla96k, Gla97d, Gla97e, Gla97i, Gla97h, Gla97k, Gla97g, Gla97j, Gla98a, Gla98g, Gla98h, Gla98k, Gla98d, Got93, Gu92, Hoa94, HY94, yL98, Len95, Pau92, Pla95, Pre90, Sai98, SW95a, Thi94, ZS95, Gla95j, Ano01f, Ano01g, Gla98i, Qui94]. 
Corporate [NB93, FG15]. 
Correct [Eva95, BHH12, LLWL19, LJDK10, PTBP08, Re685]. 
Correcting [BMS11, FG93, HJ90b, CDOP15, EZG15]. 
Correction [DT90, ABS19, DBO05, LQLC16, LH06, OKS15, YLXZ16]. 
Correctly [AMNT08]. 
Correctness [Bri92, BGH03, DACY07, MM93b, SMK18]. 
correctness-by-construction [SMK18]. 
correlated [GAWW07, HSC15]. 
correlation [LP05, LYLC16, LGL08]. 
Correlations [SMB17, MC10]. 
Corrigendum [APS10, BKS14, Gla99b, Gla00d, HST16, Li99, LHP10, TTT14, WZM12a, XTXZ13, YMM19, YWEL13, wZG14]. 
corruption [WLZ17b]. 
cosine [Lin12b]. 
COSMIC [CGMPAP08, KBM05]. 
Cost [AH90, ALRP16, EHS93, Hag91, Hua05a, KT85, LM16, LP95, LM90, Lou92, MHSM09, OG80, RB16, SD16b, WAG15, WF296, ZGY15, vS83, AN16, ACGS08, BCLW11, BW80, CCL19, CM04, CGS06, DFJ19, HL06a, HPH12, JRSN10, KG11, KSS03, KRCK08, LP00, LXG09, LXG10, LNW11, LZG15, MK16, MBF12, MCM05, MA08, MA10, MPA15, NR04, PFO19, PvV12, Pot13, PACH15, PUP103, SA06, VH89, WL15a, WQJ10, WL17, Wes02, Wey99, WM95, ZS01, ZK09]. 
cost-cognizant [HPh12]. 
cost-effective [RB16, SD16b, WAG15, DFJ19, LNW11, PACH15, Wey99]. 
cost-effectiveness [NR04]. 
cost-efficient [LZG15]. 
cost-estimation [CGS06]. 
cost-reliability-optimal [Hua05a]. 
cost-sensitive [WQJ10]. 
Costs [AQ90, GSdS16, EL07, HLWS13, Zha12a]. 
Coteries [BMS11, FG93, HJ90b, CDOP15, EZG15]. 
Coul [OT92]. 
counterexample [YXP18]. 
Countering [YF15]. 
Counting [BK92, Gla99d, HST16, OR00]. 
country [VBC14]. 
couple [Ano94e, Gla94c]. 
Coupled [FG93, HJ90b, CDOP15, EZG15]. 
Coupling [Dha95, Fer00, Loh84, OHH93, RY93, WK00, AC17, AAM16, CRC19, CCMOM19, DNS13, FM11, FAB07, GSO7, MS16, Xia00]. 
Course [Bri92]. 
Courses [CFSS98, MR99, VM07, vWSB13]. 
COVAMOF [SD08]. 
cover [UUN13]. 
Coverage [FLN91, AMdLM17, CFN07, Gok09, GZY11, LM10, LT11, LLK11, LCL12, MGM10, PAR14, SPMG18, TH05, WL17, WDC10, YL06]. 
coverage-based [WDC10]. 
covert [LT13, LyWSZ10]. 
PPLD [KK07a]. 
PPLD-s [KK07a]. 
PSPs [AM15]. 
CPU [BSKL10, CRK18, DAG19, SMZC12, SK13, YCF13]. 
CPU-bound [DAG19, SMZC12]. 
CR [LLL06]. 
CR-CSFQ [LLL06]. 
crash [GXZ19, LMS11, PNY14]. 
crash-recovery [LMS11]. 
crashing [GXZ19]. 
crawling [YWL02]. 
Cray [CM86]. 
create [LK13]. 
created [KVH12, KP07]. 
Creating [AC97, SLLY17, Oja16b]. 
creativity [CCdR16]. 
credibility [SFMB16]. 
crew [GH04]. 
cries [Gla00j]. 
Crisis [Gla00j]. 
Gla96h, Gla97h, Gla98k. 
crisscross [CCP05]. 
Criteria [FN86, Ham81, OG80, SKF95, SKS96].
CCP18, EFSJM17, FMdAR16, LVMM07, MK15b, PB15, VMJS06, YL06, AKAA18. Criterion [Pas96, PG04]. Critical
[DSG17, DB86, GC94, JM96, LSD95, CCN+10, CC08c, CGW08, DGV+07, GD04, KHC16, LvsL81, LJS05, LM03, MM01b, Ost92, Osk97, SS04, SBB98, SNDC13, Sta14]. Critical-blame [DSG17].

Criticality [CSMC19, LGHR16, PGPC17, XB19a]. Criticism [Iso98]. Critique [Lit90, SI94, BM89, Gla95i]. Cronus
crosscutting [Ano13a, CHCO11, VM13]. crossover [CV16b]. Crowdsourcing [PLVB+18, BS15, GGC16, KA17, LHG+18, MCHJ17, STA19, TT13, TTT14].

cryptography [DDD14, LLLK10, YC09]. Cryptologic [Sny79]. cryptosystem [DHL06, IB11, JW06, LL06, NMZ10].

C U P [VHL14]. curation [Bis13]. Current [BD16, Chr16, dONTF+19, ZS95, JH99, Ano05h]. curricula [KBBW05]. Curricular [CSM19, LGHR16, PGPC17, XB19a]. curriculum [CSMC19, LGHR16, PGPC17, XB19a].

curriculum [CSMC19, LGHR16, PGPC17, XB19a]. Cumulative [BS09]. Curricular [CSM19, LGHR16, PGPC17, XB19a]. curriculum [CSMC19, LGHR16, PGPC17, XB19a].

curriculum [CSMC19, LGHR16, PGPC17, XB19a]. Cumulative [BS09]. Curricular [CSM19, LGHR16, PGPC17, XB19a]. curriculum [CSMC19, LGHR16, PGPC17, XB19a].

curriculum [CSMC19, LGHR16, PGPC17, XB19a]. Cumulative [BS09]. Curricular [CSM19, LGHR16, PGPC17, XB19a]. curriculum [CSMC19, LGHR16, PGPC17, XB19a].

curriculum [CSMC19, LGHR16, PGPC17, XB19a]. Cumulative [BS09]. Curricular [CSM19, LGHR16, PGPC17, XB19a]. curriculum [CSMC19, LGHR16, PGPC17, XB19a].

curriculum [CSMC19, LGHR16, PGPC17, XB19a]. Cumulative [BS09]. Curricular [CSM19, LGHR16, PGPC17, XB19a]. curriculum [CSMC19, LGHR16, PGPC17, XB19a].

curriculum [CSMC19, LGHR16, PGPC17, XB19a]. Cumulative [BS09]. Curricular [CSM19, LGHR16, PGPC17, XB19a]. curriculum [CSMC19, LGHR16, PGPC17, XB19a].

curriculum [CSMC19, LGHR16, PGPC17, XB19a]. Cumulative [BS09]. Curricular [CSM19, LGHR16, PGPC17, XB19a]. curriculum [CSMC19, LGHR16, PGPC17, XB19a].

curriculum [CSMC19, LGHR16, PGPC17, XB19a]. Cumulative [BS09]. Curricular [CSM19, LGHR16, PGPC17, XB19a]. curriculum [CSMC19, LGHR16, PGPC17, XB19a].

curriculum [CSMC19, LGHR16, PGPC17, XB19a]. Cumulative [BS09]. Curricular [CSM19, LGHR16, PGPC17, XB19a]. curriculum [CSMC19, LGHR16, PGPC17, XB19a].

Curriculum [Je91, BM05, BT05, CR89, Cow05, LS99, Wen03]. Curvature [GJ13].
curvature-feature [GJ13]. Curve [BB81, EHKH04, IB11, JW06, LWHS05, NZM10, YC09]. curvelets [ZLmLN14].
curves [PSNB11]. current [WLZ+17a]. Customer [HHHS94, AAMS14, AAMS16, Cha06, GC13, HHK13, LCL04, Lim01, LS05b, SBA97, VLL18, FSA87].
customer-developer [GC13].
customer-oriented [LCL04]. customers [DLW+13, OD17]. customization [MVLJ18, PD16, WVT+14]. customized [AMGG14, CCF+04, GMPN16, ZBLG07].
CUSUM [MJJ+10]. CUTE [LMH10].
Cuts [CJ13]. CVM [DSC+08]. CVSS [HFE10].
cyber [AZX14, AWSE19, CSMC19, DMA18, GVPPM18, GBH+16, GSP+19, LS17b, LL15, LDS+19, MPLL18, VSDD12, ZAY19].
cyber-foraging [LL15, MPLL18].
cyber-physical [AWSE19, GBH+16, GSP+19, LS17b, LDS+19, ZAY19].
cybernetics [BCDM06, Cha17, CHLW17, DWC17, LGH+17, LZLC17, LLL17a, XSS06, YCA17].
Cybersecurity [UB19]. Cycle [AJMP96, Bas80, FF95, HZ83, Le90, RUV92, TD80, Dav88, Fei12, Gl19d, Got93, mJKME01, LMT16, LD00, OBS79, SS15, Tia09, WB12]. cycle-time [mJKME01]. cycles [SHS+07].
cyclic [LWL12, OCC13, PK01a].

Damage

D [Ab08, BRC09, BMOKAM09, BMAH11, BGG09, GCLD13, JSL16, MKH+12, SSP+15].

D-P2P-Sim [SSP+15]. DAG [LCLS16, SRS15]. daily [SSD16].
[JM90]. **Dangerous** [Gla86]. **Dass** [DR84].

**Data** [AH81, Bel91, BBC+88, Bla87, Cha91, CW97, CET+08, CSS10, DR84, Dam96, FZ93, GRS92, GSC91, HNS12, HCL12, HY00, J083, KZ91, KC16, Ken84, KSW93, LHC96, Las99, LZL19, Liu93, MJ18, MRBN17, Mar84, MG18, MP90, Mot96, MK93, Myr90, OW84, PM90a, RT93, SG91, SW95b, SK17, SB88, TL96, TC93, Tan96, TK91, Uck91, UB19, UW95, Vl87, VP92, WS92, WH91a, Won93, YR80, YY93, YNDS88, vSS83, AAAC07, AQK11, AG15, ACL13, ACS16, ÁGBYB+14, AN10, BRMA+09, BWN+08, Bis13, BTPL15, BF96, CCGG14, CC02a, CCY+09, CD00, CY00, CCW02b, CL06a, CNL13, CPS11, CDP15, CWC04, CLT10, CLB05, CTL08, CK00b, CBK02, CBV19, DI+17, De98, DM17a, DIB14, DS12, DHC+11, Dut15, EH19, FS14a, FF12, GZY11, GTY12].

**data** [dGFDL16, GMGTdR14, GP10b, GPR+15, GZS+18, HBG+13, HSC15, HY11, HBT16, Har04, HR95, HST15, HST16, HCS09, HC10, HL94b, HL00a, HCO1a, HCL+10, HWL13b, HY01, HST10, HT13, TL06b, IA16, JF99, Jen99, KRD12, KCR16, KNYS09, KUK07, KSA18, KRC00, KLKL12, Ke09, LHC95, LCO00, LK10, LM13, LKL04, LCC+09, LCT10, LC10, LKL+15, LVM00, LCLF13, LCL+12, LB10, Lin12b, LCC+13, LDZL15, LT+15, LWZ+16, Lin16, L12, LW13b, LLML13, LLLC17, LK14, LWC06, LW09, LCL15, LL10, L00c, MC03, MP94, MSPT06, MMP15, MQ+17, MTF14, MK08, MDBC17, MA94, M1C09, MC10, MIUM12, MT10, MD15, MSL12, MJ+10, MR00b, NK15, NBH19, NDS13, OL99, OLZ13, OZ97, Özn09, PS13, PL94, PS06, PAOC15, PM94, PW12, QZ12, RC89, RSB+14, RLY+13, RRHC13, RRHC15, SM17a, SD16a, SAA+10, Sal02].

**data** [SG16, SHN14, SHS+07, SA06, SW96, SAH12, She89, Shi17, SJC13, SGBCP12, SA08, SBDB19, SS07, SSCL08, SGW+15, TLWS10, TK16, TVA04, TGG19, TBC+16, TTW04, TW07, TLK15, TC06, TL07, TPT17, VTZ+17, VK08, VZT17, WDC08, WZG09, WCL08, WCL10, WH13, WYCC13, WL13b, WCC+14, WLZ+17b, We19, WQ06, WLT+09, WWY+12, WDN05, XLM+15, YWWS10, YWTW11, YWHL11, YCL13, YTW+13, Y15, YS+16, YZL+14, YM13, YHR03, ZS88, Z11, ZHI+17, ZM06, ZCZ11, ZHAY12, FGD+17, HBG+14].

**data-centric** [WWY+12, WDN05]. **Data-Driven** [YY93].

**data-hiding** [WYCC13]. **Data-Intensive** [TL96, Shi17]. **Data-locality-aware** [KC16].

**Data/Knowledge** [Mot96]. **Database** [Bar86, BW96, Bha84, BM83, DK08, Fr90, FM87, HB83, Mar84, NY84, NS87, PK01b, PL83, SW94a, UH86, UH95, WM96, AV02, BL11, ÇZUB99, CM05, CH10d, DM98, DFCH96, EAH+11, GP98, HMP99, HyLW+12, HNS12, HLWC04, HDLK00, HY95, JR09, J000, KRK00, KRP02, KLC02, KVT+17, yLcY98, LKL02, LK01, LPJ09, LKL+11, LY01, LZG15, LGZ+18, MDFG08, NG08, NGM08, PDK+16, PS09, PQLN04, RB99, RB16, SVM04, SBB98, SLL12, TL99, UH98, YLCO8, ZHS01, ZTZ+11].

**database-driven** [PDK+16].

**Database-Oriented** [NY84].

**Databases** [KW93, wLYLH97, SW95b, SKS06, AJCM08, BG98, BH09, CKyL98, DK15b, HL09, HHK13, HL10a, JNY84, JK13, KYPW06, KKR16, KR98, yL98, L0L0, LL00, LTT+09, LKL04, Lin12a, MLGA11, RVC17, TTW04, ÜDÜG04, VGM13, VT98, VY99, YC08a].

**Dataflow** [MR96].

**Data-Driven** [YY93].

**datasets** [HK+17, LXX10].

**date** [Gla97h, Gla98k].

**DBMS** [Gor91, LKW+09].

**DC** [YL06].

**DCOM** [Dar02, DZ05, IT03].

**DCT**

De-motivators [BH03]. deadline [DVV+16, LLL00, LSE12]. deadlines [CBL+15, HST15, HST16, SK10]. Deadlock [Coo90, IT03, PRN17, AHW10, KSAO04].

Deadlock-free [IT03]. Dealing [FRGC10, Sko14]. death [Gil88]. Debate [Rei90b, Zuc90b, Zuc90a]. debt [BMB18, BMB19, CREH+18, FKA16, FSGYP17, GSdS16, LAL15, MS16, MKS+18, MGM16, SSK19, TAV13, YHMS16]. debtor [SLS08].

Debugger [Car83, ZENA93]. Debugging [BW83, BG93, Fri83, FAS94, GH83, HO96, KVH12, PL83, STJ83, SKF95, AZvG11, ASdMGM14, ALz08, BB500, BND14, BLG18, DW14, MJ19, OC06, PGP+19, PZ16, SHy03, TAV13, YHMS16].

decade [DNBM12]. decay [AS00].

decaying [BJ19]. decentralised [NPC12].

Decentralized [AS01, EMSU11, HJ91, AMN00, CHL05, HSC15, JS13, Ken00].

decide [JK12].

Decision [LS94, MTA+16, Mos84b, URG10, Zha12a, vVT6, ABG02, BW16, BWF18, BVF04, CTZ92, DGCA17, DCP12, ETYL15, GL15, GPMI13, GLJO0, Gho01, JLZ+19, KWT+00, KLZ08, mJKME01, Mos84a, OWRG19, PWS+15, Pre90, RPT19, SWA13, UZ09, WQJ10, WPL18, ZKL+09, vHAT13, vHJPB+17, AKAA18].

Decision-Based [Mos84b, Mos84a].

decision-making [BWP16, BW18, ETYL15, GLJO0, Gho01, KLZ08, SWA13, AKAA18].

decisional [LC16].

decisions [BLO9, CPS11, HGBS18, JBA08, MAH18, MFM10, SISH16, VM12, YL06, vHAI12, vHAT13, vDBsSv+19].

Declarative [FAS94, Kom88, Lok06, CCgdL10, CGPT14].

decoding [BMS11, LHY12].

Decomposing [CCED00].

Decomposition [LL08, MPS86, Myo96, Mue86, RA94, AEI19, KKO97a, KOR99a].

DDH-based [NLKW05].

DDO [LKH+08].

DeepLink [RCPZ19].

DeExploit [WLZ+17b].

defeasible [KB16].

Defect [CC07, KSH92, XIZ18, EE08, HNH15, KT03, LASE00, LAT10, MS16, NCW+19, OOC13, VT18, PBB19, RSB+16, SLLY17, SPSM03, TT98, XIZ+19, YIZ+17].

defect-prone [EE08, SPSM03].

defect-related [MS16].

defectiveness [OY16].

Defects [Cai98, CW90, EVA97, BF03, CPV+14, JMP07, KJL07, LPS02, WAWO12, XCM+12].

defense [ABo93f, DMA18, GLa93b].

defined [FFdRG+14, WIT15].

Defining [AAA11, CDGJ10, KBJZ15, MV93, KvV06].

Definition [BGEP17, HB89, JR94, KS08, TK91, KSP08, LF15, MGR+13, RRM17, KY+12, DF12].

Definition-Based [Ros87].

Definitions [ABL15, SKU91, CK02b].

definitive [RM19a].

degree [PD16].

degrees [GLa97e].

delay [CZW10, KTK01, LZ13, LGS+19, NSAK10, TALB+16].

delay-constrained [LZ13].

delay-tolerant [NSAK10].

DelDroid [HBM19].

Delegable [WZ11].

Delegated [WHG01].

delegation [SM09].

delegation-based [SM09].

Deletion [Hab85].

Deliberations [CB91, KUN91b].

delivering [SCO13].

Delivery [Che17, Emo91, AN16, KDO5, LH10, VvSV16].

Delphi [EGHO16].

Delta [LLL+14, AD07, HM00, YLCZ12].
Delta-oriented [LLL+14]. Demand [HH87, LS14, DR12, HST15, HH05, NXS00, PLF05, WW00, ZLC+14, WGC02, HST16]. Demand-based [LS14], demand-driven [ZLC+14], demodulation [KKP12], demographics [GCDY16]. Denelcor [Hay86]. deniable [HS11b]. denial [SKZ+04, OLV15]. Densities [KSH92], density [HWML04, ZCZZ11], density-based [HWML04]. depend [VC97]. Dependability [CG94, FMdAR16, Pow86, RASL12, VP00, BGG+06, DB06, HP16, LC09, MBPM19, SXYW14, XZAR06]. dependable [CGP+09, GRRX01, SJH+10, dLGR06]. Dependence [HOT97, HUMT92, BGH+08, BHH+10, CS16, CCW02a, CCW02b, HY00, HY01, YLYL17]. dependences [MH11, FC01, WLL9a, WLL19b]. Dependencies [HBS03, BRS10, DCA07, MLS12, OCC13, SPLW17, dOFB+19]. Dependency [ADT12, HTH09, HR96, JLMQ+10, WH91b, HJBB10, LSC04, WQ06, YZL+14, YR09, ZKL+09]. Dependency-aware [JLQ10]. dependency-based [YLL+14]. Dependent [KO95, Car99, FBD+18, FS05, IBM11, LU06, LH08, TSSD09]. Deployed [GDH05, BZ14, MHLG14]. deploying [DBL+18], deployment [AH+10, ABL15, CT13, CXY+15, GDBS11, HS15, LLK11, MBAG11, PDC01, PCC+11, RHL+17, SMS11, SDG+07, VSS+11, WL17, ZP06, ES97]. deprecation [BHVR18]. depth [CJ13, KM17, PUPT03]. dereferences [CBSM16]. derivation [CL17b, CNK12, DSB05, LPM15, ROR11, RBW18]. Derivatives [Sta90]. Derive [AQ90, FCL+00]. Derived [LV97, HKN+07]. Deriving [FM90a, FSG+11, PFF12, Kuo94, AJCM08]. Describing [She89, KT12]. Description [MR84, OKS08, Ayr98, BBA10, FIGCLN+02, GCC16, GS17, LZXS09, LPXL10, RS06, SMG08, XLM+15]. Descriptions [BYY87, Mar84, Mil96a, CHN19a, CHN19b, CP07, EYR11, LLM+17b, NBA+17, OFR+12, RDVC19]. descriptive [PL99]. Design [ALT+09, AH+10, AH81, Amm91, BL09, BW96, BCD02, BYY87, Blu93, BDG13, BM83, CL94, hChSyCw10, CH94, CLG08, CDJ+14, DG92, DDG09, DS16a, EHS93, Fic89, FK92, GL90d, Gon89, Gon94, GRS92, GA95, Hac91, HRL09, HJ12, HG91, How80, HCC10a, Hry93, Joy87, KC96, Ken84, KRF02, KLL17, KW91, KW93, LWS+03, LJB05, LLK05, LK09+14, LZL97, LG97, LOH84, MM81, MLGA11, MB13, MJ89, Moh81, MB84, OC90, PW87, PZB10, PWCC01, PdC94, Pha94, RLY+13, RAJ15, Row86, RT93, SGL93, Sak84, SKZ+04, SM17b, TOY195, TDT08, TKA+02, Tsu85, UW95, Var91, WNSC96, Whe81, WSR+83, Won93, WFZ96, YY04, ZK85, ZC7d96, Zha09, Zho93, ZK94, vGB02, AA07, AL05, AAN11, AKKS11, ACS13, ACDF01, ARH+17, AAC+17, BPO+16, Bat08, BD16, BZ10, BH+12]. design [BM07, BPS1K, BWD00, CSF+14, CFL+18, CLX+04, CA88, CGL+04, CH07a, CLLL06, CL04a, CCC06, CNSG12, CDDF99, CKL12, DI05, Dav09, Dav59, DRS03, DSA+04, DLT99, DAR14, ED04, EMM10, EZOK14, ES97, FM11, FHVF+15, FB09, FIGCLN+02, FSG12, FRM11, FHT07, FCRF16, GKD13, GJS8, GVPPM18, GD04, Gla94g, Glao0dh, Glao0i, GPM08, GTA14, GMS07, GA13, DDF+13, HALS08, HZ79, HJBH10, HLBA99, HR95, HKN+07, HJP15, HL00a, HCC08, HHL+97, HCO4b, Hus01, JBA08, JF92, JS90, JMSS07, Kam89, KB98, KY92, KBK06, KK06, KR17, KCS08, KSFT89, KP07, LASE00, LKRTYS18, LRvV03, LH04, LT09, LSH09, LZG07, LY09, LSac04, LJD10, MLB09, MCV16, MM19, MRR17, MM93b, Mey88a, MR99, MR00a, Nav92, NBF+13, NOPF12, NWZ05a, Osr92, PLGT10, Phi98, PK89, PFF12, PK01b].
design [PGRQVV12, Rey89, RDD02, SCS15, SNBH08, SKRB19, SHS16, Spi01, SMK+18, SFM99, SDG+07, SPSM03, SLLL12, SC09, TA02, TL99, TBG06, TJH07, TNJH07, TBsvdW18, TJJH15, UkJLS94, WZJ01, Wij03, WCV+98, WSQM05, YWLG02, YZC15, ZA15, ZFS15, ZADA15, ZLT10, ZM06, ZLT+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 [AdB17, BL95, Ber03, Car92, DFCPSF15, FHL+18, GH02, LCLL08, NC88, PB04, San95, SZ06, SVMAM04, SD02, TLK+16a, VPM93, AF16, BPB19, CCG+07, CGP+09, CW09, DBL+18, GMLSF+15, HLC99, SJH+10, ZMAV08, MM93b]. Designs [AC97, TZ81, WSN92, ATHM17, OSG98, PG05, RPL89, RF14, SK02].
desires [HKvVvdV07].
desk [ABL16]. destinations [WMOKY11]. detailed [PFF12]. Details [Hen88]. Detect [BAH96, FW00, FCJM12, KSS15, LTK+15, TVSM18, YXH+18].
detected [ZXC+17]. Detecting [EUR+13, Sta03, Tri86b, WCH03, WW09, AMLM17, CHL+19, YZY+18]. Detection [BFR96, Gla93i, Goe00, JM90, LK95, LHC96, Wha90, WC02, Aba13, ASMM18, BKLE18, BLL+18, BRG+12, CKCK15, CCP05, CXO+15, DB005, DPF+18, FMR11, HWMO1, HWMO2, HWH+03, HK13, HAE+15, HB13, HZ07, JZ07, KVGSI11, KCV+19, KHC16, LASE00, LWB+13, LG17, LLYC16, LH06, LJMJ96, LTW16, MC98, MJZ+10, ND18, PRN17, SG16, SKK+18a, SKE10, SS14b, TR00, TLZ+16, WBW+06, WZG90, WJT09, WWZ+14, WHMP99, WLC07, jWLW+13, WHC07, XTZX12, XTZX13, YWWS10, YLXZ16, ZFS15, ZWX+08, ZLC+14, AT18].
Detector [PÁC13]. determinants [VEM+01]. determination [HBH19].
determined [ZWX+08]. Determining [Ke09, NDM08, NBH19, SvV08].
deterministic [DC11]. Develop [Am9n, PD98, TC93, AdB13, SMCL96].
developed [AT18, GN15, LMNA17, OD17, WK15].
developer [BCD+18, BMB19, ÇB16, CPD+18, GC13, HSM16, Lin99, MSK+17, SHW09, SYXL17, YLCZ12, vAAJ16, LZHS11].
developer-related [CPD+18]. Developers [Por93, ABJ+17, BDV17, CBV19, GFWA18, HHKWB16, HAE+15, LK16, LVVTP17, LS98, OBS+18, WL15a].
developing [Aki18, BM05, FGB+19, CH11, DK94, HH97, JHBS09, Ka19, KSAR18, LK09, MTON94, SG06, TM97, CCF+04, CDS19, EA12, GMMC13, LNM10, O’B08, PGPC17, SJR+11, SAM+16, SPZ06, WRR14, REF+07].
development [AYZI10, ANB93, AMGG14, BB096, CB89b, Co081, Di 87, DS85, FWP93, Gas96, GR97, HZ84, HL90, HHSR94, HS95, HH87, Jef87, Jos83, Joy94, KS96, KT85, Lan98a, LP95, Lee93, LS17b, MM93a, MB84, NG91, Pan81, Phil1, Pla92, PL96, PZ94, PU84a, Ros87, RO09, Sah94, Sei89, SM92a, Sta83, SB93, TC89a, TK95, TDB07, TT93, WKM94, Zim84, vs96, vs83, vC80, ÆCF+07, AJLS10, AKH12, AW07, ASG17, AVG19, APS16, AB10, APSCS10, AH+11, BG09, BCFP19, Bar94, BM00a, CB18, BMB19, BDGR01, BBS10, Bos12, BS15, CM15, CNG16, CH09, CC11, CBL14, CBS00, C6001, CBV19, CL02, CNM18, Dav88, DZ00, DC17, DNB12, DCTR17, DGC17, DCP12, EB00, EL10, Fei12, FAJ13, FFD14, FMR18, FLA+01, FCRF14, FPW96]. development [FAI97, GKD13, GML05, GRBNA10, GGC16, GR05, GD12, Gla98d, GC13, GPH07, GTA14, Got93, GTF17, GJ07, HGP+12, HP16, HDGZ06, Har00, HTB12,
HVK11, HH08a, HHW01, HHB+99, HMC01, HBJ+99, IAA16, JED18, JPKP04, J06, JK00, JTM04, Jor04, JK12, JST10, JR15, KFN19, KWT+00, Kel15, KRJ17, KKL09, KPM02, KPM05, KSM+16, KM14, KRCK08, KTK19, LCLP16, LGC17, LS04, LCL04, LK02, LWSH19, LCCJ10, LSD+16, LWZ12, LHC19, LRD+19, LASL14, LJ16, LMYMT08, tLF89, MWM12, MKS10, MR01, MDG+11, MGB16, MC08, MA89, MMTL06, MT13, MKK09, MSB+02, NSL+07, NCK+15, NL99, NKZ17, NER01, OAZ08, OKS+15, PJK13, PC15, PRS11, PFG13, PW09, PRGVQV12, PLP04, PU84b, PFL16, PM10, RF18, RM19a, RGBM06, RDD02, RS00, RSCH12, ROM+08.

development [Sal80, SCdS+06, SSMvD16, SFJ04, ST01, She02, SKRB19, SWA+13, SB14, Sta09, SM16, SHHL12, SLY17, SJK07, Shut02, SKR19, SLX09, SLW09, SML10, SWJ19, SWY09, SWS10, SV19, VAM+10, VM12, WK15, WCC12, Wei79, WS02, WWSS13, WBBK18, YLA16b, YHMS16, ZA15, Zei88, ZE03, ZGYS+15, ZGH+07, ZP17, ZS01, dOZR+04, BMK15, DL06].
device [ASV+16, BBG+04, OMLB16, SCL13].
device-related [SCL13].
devices [BJK+11, CDA11, CcdR+16, CTL12, CMK+11, DS16a, GGB19, IB11, LW09, LZHS11, LKL05, PCBC+11, PSL+09, SFJ04, SKE10, SHBC19, VA08, ZK04a].

DevOps [LPB19].

DIHM [LHLY05].
diagnosability [BGLG13, KKH+16, LORB03].
diagnose [WLZ+17b].

Diagnosis [RB93a, SK02, CBS16, Hat99, JC02, LORB03, LDZL15, LXY09, MHMG14, SKK+18a, WY04, WBS+10].
diagram [CTKT13, Kuo94, LJ99, YLC08].

Diagrams [BTT84, DS85, JSN84, LMIV15, TK91, WSN92, BCV06, BS12, CCR14, EA19, KZDX09, OWB11, SDB18, TLGE18, GC13].
dialogue [LHLY05].
dialogue-based [LHLY05].
diamond [CSW13, HCL12].

DIANNE [DBL+18].
dictate [HKvVvdV07].

Dictionaries [Cha91].

Dictionary [Mar84, Owo96, RF84, MBB11].
did [DDMP14, SAR15].
difference [AQK11, CL06a, JK13, LCT10, WLT+09].

Differences [OS87, BBS00, EL88, JKD02, SB14].
differencing [HCL12, WWT08, YWTW11].

Different [SKS96, CBAV16, GCC+15, Kan15, LFCL12, MBL+99, MRS18, M+07].

Differential [Kim12, LGW09, LGL+10, Rod86, EMBS17, LLLK10, LGLL12, SDM10, TSL11].
differentiated [TYH04].

Difficulties [Jef96, KLT07, She02].

Difficulty [Sch97].
diffuseness [GPD+19].
diffusion [BM89, jT12].
digested [LHLY05].

Digital [BEZ14, Lin01, AM10b, CWH00, CIB+19, GMS11, HL09, HYJL04, KM11, KLP10, MM14, SRL08, Snv79, TCC02, yWpNyL11, YKC+05, CDS07].

Dimensional [MPS86, Aba06, CCW02a, DGCW16, HLW08, LCsW06, 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].
disadvantage [CD70].

DISARM [KB16].

Disaster [MAEL19, Gil88, HCL+10].

Discipline [Gla94c, Ano94e, FP19, PvV12, Gla94d].

Disciplined [HL10, RMO+08].

disciplines [GAK92].
disclosure [CLH07].
discontinuities [Jav88].
discourse [AT15].
Discoverability \cite{TK15, SM17b}.

Discovering \cite{CD05, KVT17, MV09, Oja16b, KV05, SJ13}. \textbf{Discovery} \cite{SMR09, CHL11, DMQ07, GLJ13, HWHM02, HKH13, KKR16, LK09, LGH17, LIWL14, MPST06, SdSLS19, SSM05, VPL10, WAW012, ZWM18, ZS05a, ZM05, dBV08, MPG08}. \textbf{Discrete} \cite{Cla86, GAWW07, MS97, AMAY19, HRN01, KDEK04, Lin12b, WS13}. \textbf{Discrete-time} \cite{GAWW07}.

\textbf{discriminative} \cite{YFZ16}.

\textbf{discussion} \cite{SW88}.

\textbf{Disjoint} \cite{CLC03}.

\textbf{Disk} \cite{Ha91, TC93, CB89a, CCSC01, CCSC07, KEK04, LKL05, RFM10, SRT12, TSSD09, VM00}.

\textbf{disk-based} \cite{KEK04}.

\textbf{Disk-Buffer-Cache} \cite{Ha91}.

\textbf{disk-scheduling} \cite{CCSC07, RFM10}.

\textbf{disks} \cite{CLLC96}.

\textbf{disparities} \cite{WL16}.

\textbf{dispatching} \cite{OB13}.

\textbf{displacement} \cite{WJ99}.

\textbf{Displaying} \cite{MS97}.

\textbf{dissemination} \cite{ACSC16, HSS10, HL06b, LKK14, PSH06}.

\textbf{Distance} \cite{MS97}.

\textbf{distances} \cite{CCW02b, CH07b}.

\textbf{distinguisher} \cite{AMS10}.

\textbf{Distinguishing} \cite{LUS00}.

\textbf{distortion} \cite{LBC10}.

\textbf{distortions} \cite{MBF12}.

\textbf{Distributed} \cite{Ara95, BFR96, Bar86, BW96, BW83, Bha84, BP91, BND14, BW95, BM83, Car96, CSS10, DS94, FG93, Gom89, Ha86a, Ha86b, Ha91, Ha92a, Ha92b, HJ90a, HJ90b, Ha93, HL94a, Ha94, HW94, HCS04, HMG96, Hsi91a, HFK92, IMM95, KK17a, KN97, LM94, LK93, Loo05, MLLK11, MKM06, Mor86, NG91, Nit96, PNJGF12, PM90a, PGPC17, PD98, Pow86, Rah92, RW97, RT93, SAAAS94, Sch07, Sho91, SF92, TW95, TDK10, Tsu85, Ul95, Ulu97, Ura90, WTS95, WM96, XWC14, YP94, ZENA93, Zho93, Zho94, ZR94, AR12, AZW07, ACRD19, AD14, AAC10, AB15, AM10b, Ati00, AMNT08, ACW10, BKZ06, BdADH94, BLL02, BS96, CN04, CZdV98, CDS99, CLX10, Car94, CDOP15, CJZ04, CET08, CL99, DBL18, DKP19, DK15a, DK15b, DLT99, DGL08, DFCR96, ESW06, EH19, FVHF15, FL09}.

\textbf{distributed} \cite{GBL08, GAT09, GSM15, GLJ00, Glh01, GD04, HSM10, HZG12, HN17, HMC98, HC01b, ISS98, JE02h, JM96, JLYK09, Jia99, JRO12, KMSMD08, KHS10, Kar01, KUK07, KHL19, KSEN17, KA14, KWT00, KM14, KPG07, KB16, KMS09, LLI00, LNC01, LPJ10, LPP10, LSE12, LR04, LUS10, LC11, LNPAG10, LH01b, LZR16, MEH05, MQG17, MC98, MHWO1, MARD16, NNVD17, NPC12, NBR14, PM99, PTK10a, PDL16, QL03, RC89, Rav03, Rot89, SM09, SPK99, SO03, SM00, SdC02, SC07, SMU98, SSP15, SBB98, SOC10, SK04, SB19, SK10, TW98, TM98, TR18, TAB16, THWC10, TLK16b, TMD07, USLC01, Ulh98, WT01, WBP10, WCKL07, WF10, WKH09, WM99, YYY04, YCW15, YLY15, YL14, ZK13, ZLC14, ZZ88, ZLZ96, ZS01, ZD04}.

\textbf{Distributing} \cite{BGTC18, CKL08, WJ01}.

\textbf{Distribution} \cite{BB81, Dye93, HBG14, SL80, CBZ00, CKL09, CLG08, HBG13, HSPD14, RS16, WWS15, WHHT08, YS04, ZK10b}.

\textbf{Distribution-Based} \cite{Dye93}.

\textbf{Distributive} \cite{Ver89}.

\textbf{disturbing} \cite{Gla94h}.

\textbf{dithered} \cite{UUN13}.

\textbf{diverged} \cite{MT13}.

\textbf{diverse} \cite{SNDD19}.

\textbf{diversity} \cite{BFLP09, CKMT10, Rom99, SMvD16, YS02}.

\textbf{division} \cite{MSAH16, WC99}.

\textbf{DiVM} \cite{RSCB18}.

\textbf{DL} \cite{HRL09}.

\textbf{DL-based} \cite{HRL09}.

\textbf{DMMX} \cite{CSaLG02}.

\textbf{DNA} \cite{WGZ12}.

\textbf{Do} \cite{Ano87, FN85, Hen88, Muel07, OBS18, OT92, RDP19, BLGMS11, CPR16, FF89, Gla93b, Gla98h, HAM10, Kru08, LS98, PCV08, PVSG05, SN10, YHMS16, CPT05}.

\textbf{Docker} \cite{SMH18}.

\textbf{Document} \cite{BCD92, CDS10, LLH08, AF16, CDS07, CK02b, DII17, KY09, LL90, WHG01, ZSM04, ZL06}.

\textbf{document-driven} \cite{AF16}.

\textbf{Documentation} \cite{Ems91, SG91, Sch81, Ber03, CS89, Glh93a, HZ15, HS03}.

Documenting [BAEH96, JBA08, AAA11].

Document [BHL00, CH07a, CH11, HR10, LASE00, PWLH06, TH02]. DoD [Rav81, SG91, Wal91]. DoD-STD-2167A [Wal91].

Does [GXZ+19, VC97, vHAT13, KS19, SMSH18].

doing [Gla88c, Gla98d]. DOM [KY09].

Domain [Gla92f, Jar93, KO95, Lam97, PC10, Pas96, Pov95, TM97, dOZR+04, ACG+15, AMCC14, ARS17, Ano92g, AMK12, BML+13, BRC09, BGH03, BKB+07, CL06b, Del08, EMS17, EZRK16, FBM09, FH10, FCL+00, FLA+01, Fra04, GJ13, GW95, HGMB13, IZ18, JOZ03, JF99, Jen99, KG99, KPP06, KPS08, KMK16, LC06b, L08, EMBS17, EZRK16, FBM09, FH10, FCL+00, FLA+01, Fra04, GJ13, GW95, HGMB13, IZ18, JOZ03, JF99, Jen99, KG99, KPP06, KPS08, KMK16, LXCM11, LLL+17b, MSS18, MPT14, PWW10, SKL10, ST13, SL03, SH16, Spi01, SP14, yWpWypN13, YWWS10, ZGH+07, KKH12, RAS12, VPdP13].

Domain-Dependent [KO95].

Domain-Independent [KO95].

Domain-oriented [dOZR+04].

domain-polymorph [FBM09].

Domain-Specific [Lam97, PC10, ACG+15, AMCC14, ARS17, Ano92g, AMK12, BML+13, BRC09, BGH03, BKB+07, CL06b, Del08, EMS17, EZRK16, FBM09, FH10, FCL+00, FLA+01, Fra04, GJ13, GW95, HGMB13, IZ18, JOZ03, JF99, Jen99, KG99, KPP06, KPS08, KMK16, LXCM11, LLL+17b, MSS18, MPT14, PWW10, SKL10, ST13, SL03, SH16, Spi01, SP14, yWpWypN13, YWWS10, ZGH+07, KKH12, RAS12, VPdP13].

Domains [CV92, JHYK10, MO84, NES+14, PAB+17].

dominance [CV95, MC01]. domino [LLLZ06a, LPLLZ06b, DB95]. Done [Gla91h].

DoS-resistant [HCC10b]. Dot [Shal].

Dot-com [Shal]. DOTS [CL17a]. Double [NTRN11, BV15, KBKV17, KBKV18, TY18].

Double-layered [NTRN11].

doubly [AC16].

doubtful [Gla96g]. Down [MM81, HWML04, WCLL09].

download [WC11]. 

Downloadable [HCKY08]. DPDP [ZENA93]. DPE [CHL05]. DPE/PAC [CHL05]. DR [HCKY08]. DR-TCP [HCKY08]. Dr. [TG10]. drag [SDB16].

drag-and-drop [SDB16]. DRAMA [SPLW17].

[PBW97]. dramatic [Gla96d]. DRank [SPLW17]. Drat [LDN87]. DRDB [SBB98].

DRE [LBS+17].

drift [BGEP17, YF15]. Driven [BMB19, JLC04].

dumb [MKRO14].

duplication [HCC05].

duration [GGC16, LMA15, PCCK18].

durations [LNY+11, ZWX+08].

During [KSH92, BR6+18, BRRW19, FB18, FAI97, Lut96, MAAC17, RVDC19, SFM99, Zel88].

duty [LWL04]. DWT [CW09].

DWT-based [CW09]. DyDAP [SBGCP12].

dying [Gla97b]. Dynamic [APM+14, APT+12, BFR96, CSaLG02, DVI+16, DTV09, EGG+11, FG93, Gan91,
Educational [KCK^98, JS90, vWSB13]. Educator [Joy94]. Educators [Gla91e]. Effect [CB16, FA94, GR97, Loh84, AL10, BDPRC18, CPYZ14, ETM10, HJN11, HCN00, HNH15, JSL16, SRJL^+18, SW88, WW00, XNP07, YAY13]. Effective [AKB11, CKCK15, Fen93, HK13, JJC^+14, LCC10, LLL06, ROFGFRM13, Shu99, Tre81, WQ06, CX10, DFJ19, GPL^+15, IWF07, KHS11, KPS^+04, KLB15, LC05, LC07, LW02, MR16, RB16, SD16b, SZ98, WZG09, WAG15, Wey99, WDC10, ZG07, ZK09, LXC13], effectively [KTF^+16, ZXC^+17]. Effectiveness [ARAS94, CCL01, Emd91, FZ93, GC94, SYB97, MKM06, CW89, ELH00, FF96, FWH97, HS99, JK00, JST10, NRO4, RLZ^+18, SL08, WHMP99, vdRBSvV10]. Effects [DG80, HCN05, Kri06, OCCN89, Sch97, AW07, CGW08, CSSM09, Gla99c, HMC01, Hus01, JH10, JGR05, Kan15, KCJ07, LJ16, MFM10, SSMvD16, SHBC19, SAN^+17, Xia13]. efficacity [HBJ^+99, MMTL06]. Efficiency [SKK107, vS83, CW12, DMSG11, FMP09, GKS18, Hua05a, KCT12, LSND^+19, MK06, PAR14, SB12, TDW^+14, WH15, WOC15, YTH04, YM13, ZS05a]. Efficient [AMP11, ACSC16, BKLE18, BM18, Br93, BDM^+93, CCG^+18, DRCA^+19, Fra86, GLY10, GK19, GH04, HPT07, Har81, HL11, HL06b, JLY14, KH97, Kim17, KKR16, LRO19, LHJ10, LLD04, Lee07, LZL^+15, LWZ^+16, MYLZ12, MPST06, MCKA18, NES^+14, NZ10, OFWP07, Owo96, PWLH06, Ram96, RO13b, RVC17, SAASA94, SD04, SMO0, SGO13, TW05, ULN05, ULY14, XL15, YTP18, YZL^+14, ZGZ^+13, ZHAY12, Aba06, ATvHJ18, ASV^+16, AM04, BCA^+19, BHAM09, Bar15, CDA11, CCK15, CD00, CHL07, CH11, CLY17, CLC08b, CHL11, CZG^+15, CLG08, CTL08,
CBK02, DA07, DFJ19, EMBS17, EZOK14, FS06, FNWL18, GQ12, GCSSDP+18, HL09, HWL13a, HC04b, HSS10, HS15, IB11, JW06, JC02, JLYK09, JXL16, KK06, KKH11, KPSK09, KMQ09, KKL11, LMS11, LWHS05, LC07, LH11a, LKL11, LZ12, LZG15, MPN+17]. efficient [MC04, MLC09, MSAH16, MT10, MM06, NNVD17, OT17, PHN08, PJ09, Pen11, PPMM17, PFL16, SM17a, SC08, Shl17, SOC+03, TLL12, Tse07, TL07, TL09b, USLC01, ÜDUG04, VT14, WMWZ12, WK88, WC11, XB19b, YWLG02, YC09, YC08a, YSK06, YH10, YC08b, ZM12, ZGSH13, fLSN18, MC10, MPG+17].

Efficiently [YZY+18, IJC03, LBCL10, LGZ+18]. Effort [Dol97, DG80, Eva95, FWD97, JB91, Lee93, NQ98, SB93, SB95, WSD81, ASMN15, ABL16, ANM15, CM15, CH07b, DCT17, dGFDL16, GJ07, HBVG08, Hua05b, IAA16, IA16, JHS03, JT04, Jor04, JH10, Jor10, Jor16, KM13, LH08, LJ16, LMYMG08, MS03, MDFG08, MT98, MdFD+15, NBH19, PC00, PC09, SPCT18]. Efforts [HH97]. Eiffel [Mey88b]. eight [GTF17, VCa+16]. EIS [Sal02]. either [Gla95g]. elastic [HWR17, TSB19, ZGSH13, dACM17]. elasticity [DM17a]. elasticizing [GE15a].


email [CP09]. embedded [KPS10]. Embedded [ABCH13, LPSL10, W88, WCTK12, ÁRMC16, BRMA+09, CWK+11, CC03, hChSyCwL10, CS04, CG05, De98, Del08, EB14b, DDF+13, HZG+12, HNS12, HLC+09, JHSB09, KCS01, KSM+16, KSH+12, KP07, KLGH07, LNY06, LC11, LLA11, MYZC06, Mar81, MFMCY12, MBAG11, NM17, PB04, RAK15, SOC00, SCwY12, SP08, SJH+10, TC12, WCLK07, WWL+10, WWWS13, WDN05, YSS07, YSSaR14, dRSBA13, fLSN18]. Embedding [Ch04a, LCT10, PdC94, SÀM17, AO16, EA11, HCL12, KCO9, MKH+12, PWLL13, WLC08, YWWS10]. EMBOT [ZEY04]. emergence [LN13]. emergency [HWdS+15, MPLL+15]. emergency-care [HWdS+15]. 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, DDMP14, Emd91, FAF13, FP19, Har00, MBB01, GPLL18, Pas96, Por93, PFL16, RK00, RPT19, RSHG12, SKW06, Sta93b, Sub93, SB95, SYB07, SAN+17, UN09, WIE14, WSJ14, ACS07, ACG+15, ANG+19, AL05, AKKS11, ARH+17, AB10, AS00, ANM15, BZK+06, BN07, BB14, BS89, BS00, BCD+18, BGH+08, BHR18, BvD06, BT03, CFL+18, CH09, CH10c, CO12, CN00, CGSGR06, CGMPP08, DvDA+13, DSR03, DOL+16, EA14, EJ01, EED16, EBC10, FB18, FLRT19, GTA14, HHKWB16, HP16, HH07, HJN11, HS09, HBJ+99, HKS+17, IS03a, JISL16, JL19, JPK00, JH01, KFSL18, KY10, KPME02, KPME05, KT03, LMM10, LWSH19, LS07, LS05, LMS12, LTC01, LW06, LCL15, DPS03, MNS13, MDBC17, MSA08, MM00a, MGR+13.
MRRS19, MR00b, Mur08, MHLMG14.

empirical [NCS10, dONTF+19, NCW+19, NWZ05b, OOD09, OWG19, OD05, PLM07, PHR10, RDP19, RGV04, Rob98, RNR17, STS+19, SKRR19, SVM19, So estimated, SSA08, SC01, SLL14, SKF17, Tan00, TB13, VK08, VHF02, VBC+14, WM95, WDMR99, YC13, YHM16, YR09, ZXC+17, ZFY+19, BWH10, MPTT14]. empirically [EA19, GN15]. empirically-developed [GN15].

employee [LC09].

Employing [Deu01, MF90, PWA+19, VTZ+17, CDS02]. Empowering [OD17]. Emulation [YY93]. Enable [MSB18, CdAM+14, PACH15, VvSvV16]. enabled [AN10, EZRK16, GGB19, KR14, LPJP09, SDG+07]. enabler [LWZ12]. Enablers [ESWA18]. Enabling [BHH+12, BLUH15, HSMW03, JZL07, PC15, YYS+16, SKKL07, TC12]. enactment [GPHS08, RRM17]. Encapsulation [Joy87]. encoding [CNL13, CSW13, HL09, HCL12, MLC09, MIUM12, WC010]. ENCOMPASS [TC89a]. encompassing [LD00]. encountered [GSdS16]. encrypted [BTPLST15, BL11, CH11, ZS+18].

encryption [BAAS13, CHC01, FSGW11, GMR08, HY95, LLLZ06a, LLLZ06b, LLCO8, LWC13, LW13a, LW13c, NES+14, RG10, RPST10, SNM14, SLZ12, SWH+09, t12, WWYZ11, WHY+12, WGZ+12, WH02, YLZ+16, ZLW+12, ZT14, ZML17, Z212, ZL2b]. End [BCFP19, GLH00e, SP14, ZK85, AKL14, CFL+18, CTHW12, FBC10, GLa99d, GCSSPD+18, HBG+13, HB+14, KY10, KDO5, LKP13, LS05a, LASL14, LSLG17, MNO18, SK10, WCL07]. end-of-century [GLa99d]. end-to-end [CTHW12, FBC10, GCSSPD+18, HBG+13, HB+14, KY10, KDO5, SK10, WCL07].


Energy-Efficient [LZL+15, BCA+19, CLY17, TL09b, Bar15, CDA11, CZG+15, JLYK09, JXLC15, MT10, PJ09, PFL16, VT14, WMWZ12, WC11, XIZ+15, XB19b, YZG+13, ZGSH13].

Enforce [AAAC07]. Enforcement [HB83, SSR18, GLZ15, HBM19, ZTZ+11]. enforcers [Ano87f]. Engaging [JR09]. engine [CHL05, HKW00, LS92, MSGM17, SVMAM04]. Engineer [Bab91, Pla92].

Engineering [AAC16, AJMP96, ACCD91, BF81, BCD92, Boe83, BL03, BW93, BHR89, Bux90, CG15, CB89b, CCCY17, Chr91, CVGP13, CL95, CBV07, CDJ+84, DR92, EHS93, Fen93, FG94, Gar13, DCH91, GR05, GLa92a, GlZ+97a, Got90, Ham81, HC15, HD84, Jac98, JWZ17, JF91, JF96, KSS84, KL96, KB07, KL91, Lan90, LL85, LN13, Mai96, MA89, MR80, Mey88b, Mil89, NFSM11, O'N83, PMR16, PSS11, Rey80, Sag95, Sai09, Sed93, Sla13, Sta93a, TGBF17, TR89, VM89, VE03, Woh16, Zel96, ZC97, AAC07, AC19, ADZ+09, ADCO18, AAO7, AS10, Ale05, AM18, Ano96m, BM05, BMA+13, BNvdH05, BCF19, BCR+19, BM89, BBND+18, Ber95, Ber02, BCL+18, BS96, BBPLP15, BR+18, BDA+02, BDM+19, Bra89, BCG+13, BK+07, Bud00, BT05, BM00b, CC08a]. engineering [CdS18, CSNS05, CLR18, CC11, CMR19, CR89, CRESF+13, CU98,
CD07, Cow05, CNMR18, DGRN10, DA07, DJW08, DS98, DD01, ESM+19b, ESM+19c, EC04, Eri92, FDAM12, Fai07, FVHF+15, FOR19, FKUWH19, FP19, FCSM09, FS17, FCC+10, Fug99, GPP+17, GCBCD15, GCDY16, GGT+19, GJ16, Gla89c, Gla94a, Gla95c, Gla96b, Gla98b, Gla99a, Gla99b, Gla99e, Glao0d, GC02, GC03, GC05, GPM08, GSB+07, HBP+17, HP16, HF08, HLS+13, Har88a, Haz02, HAHH06, HS11a, HHB+99, HJP15, HFRHS09, IF19, IZ18, JED18, JR09, JGDL17, JTW98, JDL16, KPTV09, KLA+19, KSIZ19, Kim07a, Kim07b, KBBW05, LLM+17, LCM+13, LFW15, LHG+18, LSLG17, LHLG+15, MCHJ17, Mea09, MACB19, MAGC+17, Mer13, Mil00a, MPL+15, ML08, MR00b, MSSMDC12, DONTF+19, NBM19, OK18, P006, P009, Phil06, PC98b.

engineering

[PKB90, Qu94, Rad84, RF18, RRV19, RAK15, RSB19, RRO0, RHM+18, Sai99, Sai02, SW05, SW19, SG12, SNL16, San16, ScD+06, STA19, SSSA17, dMSSS+13, SBDB19, Som13, SG01, TKM03, Tom89, TTT+13, TKP+18, TL09a, TCG06, TFLW09, UGPK15, UK17, VCA+16, VM07, VLI18, VB09, VHFO2, VEM+01, VBC+14, VCMG17, WMAS12, WCV+98, WR99, WRdMSN+13, WSM15, WBBK18, WTG+08, WTM+09, WTG+11, WLD16, ZTJC16, dSdMSNO+14, vDB05, Bor12, CSSW05, DDMP14, GC01, HLS+13, LHS97, VPMVM+13].

Engineering-based [GR05]. Engineers [MP89, TB95, HG18, JF07, Let00, dSF12]. engines [APT+12, CCF+04]. England [LZ07]. English [CW97, CHL+08, GI95, Gla93a, Kan15]. enhance [FLA+01, OCC12, SC19].

Enhanced [CL97, FHL+15, PPN+15, YCC16, CdR+14, LWC13, MC01, PK02c, TKH+11, WSM+95, ZEY04, ZSM05]. enhancement [ULS19]. Enhancements [LYLC16, OS09]. Enhancing [CPD+18, FVHF+15, KTK19, LTH97, LH08, MKS10, PTK00, SYXL17, ZS05a, ZCZZ11, HY95, LHC95, ZSP01]. Enough [Gl97]. enrich [TCCH12]. Enriching [JAVdV09]. Ensemble [LLC17, ANM15, IHA16]. ensembles [SH17]. ensure [CH10b]. Ensuring [ABW07, HHSR94, ATHM17]. Enterprise [SK11, BK17, CG01, CG03, Chu97, JBSL12, JKC19, LJH10, LBS+07, LK02, LLX+11, NHM+12, NJT09, NB13, RN17, SLO2, SS14a, SCC16, TSPH06, WAWO12, dSdMSN+14, vDBSvS+19, FCMJ12, PNL07]. enterprises [VA17]. Entity [BTT84, CH94, DK15a, JN84, MR84, Sak84, San95, CTKT13, CPW98, JNY84, Kuo94, LWXZ10, MPN+17, SZ06, WWLG13, YLC08, ZLZ11]. Entity-Life [San95, SZ06]. Entity-Relationship [JN84, MR84, Sak84, JNY84, Kuo94, YLC08]. Entity/Class [CH94]. Entropy [Moh81, WFY+19, LZL+06, Özm09, SS04]. entropy-based [Özm09]. Enumeration [Ni97]. Environment [AM85, BFG97, Blu86, Chr91, CS85, Fri83, Har88b, HL90, HS95, IKCN91, JL97, KZ91, Kom88, Kus90, KCK+98, Law81, Mey88b, MMSH92, Ng93, OW84, Par86, TC89a, TDB97, TT93, UH86, WNSC96, WM90, Zel96, CDM98, CCG99a, CZG+15, CPL+04, DB05, DK01, FHL+18, HHZ92, HK09, HC04a, HLYL06, KKP06, KSH+12, LCO4, LPJP09, LNY06, LZR16, MJ18, NKLW05, PII06, SZ06, SAI11, SOC+03, SSAS11, TA02, TL89, TMB02, TT13, TTT14, VA08, XZZ+16, YH13, YLC18, ZR04, dOZR+04]. Environmental [ZP17, HCWN05, ZSP01, ZLCY06, ZZP15, DFCPSF15].

Environments [ACCD91, BL95, FG94, GH91, Jef87, KSS84, KW91, MMSH92, PT91, Sch97, ZC97, AR12, ADZ+09, AHH+10, AD14, AdAD17, AM10b, BSG12, CNM18, CFL19, CELS07, CL04a, CLI0, DI05, DSSL09].
DY03, DTV09, DPMD07, FPW96, GGK19, HMOK18, HGP+12, HL06b, HCC05, JS16, KSN17, KSENMI17, KGTO2, KK17b, LLLK04, LSZ+07, LLH08, LPVMPCLS13, MC04, MG107, MPG+08, NK14, Ni97, NKTJ09, PJ09, PLGT10, PM10, RT07, SCdO02, SC08, SLW+15, Tan04, WDC12, XYZ+19, YC09, ZMN05, NFSM11, epidemic [MK08].

EPR [UUN11]. Equate [Zei88].

Equation [SM08]. Equations [Rod86, EMBS17].

Equipment [AAMS16]. Equipments [AAMS14].

equivalence [CHN19a, DPP+18].

Er-Data [Mar84]. Era [Gla00e, FGD+17, Gla00g, Oja16a].

ERD [CTKT13].

Ergodic [FN86].

Erlang [CF13, Lai97b].

erosion [dSB12, vGB02].

ERP [CWJK13, Ifi11, MRM16, NGC02, PD16, RPK+13, SL10, WSJK08, WOH08].

ERP-client [NGC02].

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

Error [BDM+93, Dye87, Glag93i, Goe80, JM90, MM93c, OW84, Sei93, 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, TBD97, BG06, CSS+13, FCMJJ12, Glag93g, HCS09, JSHW14, LCLLF13, Lut96, OCCN89, SW88, WES02, ZW15].

escape [Glag95a].

escrow [Nec96].

ESPRET [TAS+18].

ESPRIT [WBR90].

Essential [Jef96, KBK06].

Establishing [ANB93, BVN07].

establishment [XSS06].

Estelle [HHL+97, HL08, JLR97, Lai97b, Lai97a, LL99].

Estelle-based [HHL+97].

Estimate [SB95, BPM06, SA18].

estimated [OGK13].

Estimates [LP95, ELH00, GJ07, HFE10, Jor16, LJ16, MOHB08].

Estimating [Cai98, EG00, HH97, LCH14, Ozk97, SeMC02, TTC18, CBV16, KLB15, LP00, LGX01, MH12, MM01b, WL15a].

Estimation [AH90, BB81, BF81, BHL00, CAV04, F588, FW97, Gla93e, JB91, KT85, MT08, MTON94, SB03, vSS83, ATVHJ18, ABG02, ACGS+08, ANCI1, ANM15, Bi03, CM15, CCL+19, CH07b, CGSR06, DW11, DCT17, dGFDL16, HT097, HLW08, IAA16, IJ01, JI00, JI09, JI10, JI16, KPME02, KPME05, KP+07, KRCK08, LGX09, MF12, MMO05, MA10, MHSM99, NHC13, NQ98, NBH19, PEO11, PD16, PCC18, PD12, RP+13, SSM+04, SA06, SH07, TAS+18, THP+06, THGL07, OOD09].

estimations [CBVF19, MPAA15, TR00].

estimator [SD16a].

Estimators [HP90, TR00].

ETCS [ZH05].

Ethical [Car99, Kal92, McF92, Spa92].

Ethics [BLPB92, CM92, Got92a, Got92b, LIC92, Lue92, SM92b, WkBO17, Got90].

ETOOD [TA02].

European [AM94].

Evolving [YWWS10].

Evaluate [ARAS94, BP86, AP09, AB10, BM00b, CBO+15, HLLS13, MNSA15, MNSA16, SSF15, dOCS13].

Evaluating [BGH03, BS09, Bi03, CCG+07, CBV16, CW89, CdON17, CPDM16, CFA+16, EA19, FF96, LV97, LII1, MM92, MG81, OGK13, Pan81, PS90, SdSLS+19, Wei79, dOSdAdSG17, ABG02, Bat08, FSGL12, HCC08, KV05, LZO+13, LCLL08, MMM00, RZL+18, SM07, YR09, SMHS18, YLCZ12].

Evaluation [AAH10, Bha84, Bol97b, Bud00, CFK91, CG94, CZ91, CR85, DV94, Esk89, FLN91, Has89a, HO97, Ham81, HLAB99, Het95, HJ00, Hsi91a, IYKO95, LCM+13, Lo84, MPS86, MII96b, Moh81, Pow86, Rey80, Rx93, SYB97, TLP95, Uhu97, WNSC96, WH97, Wey99, AZGVO9, ADMOK+10, AKAA18, AK16, AHA12b, ANo96m, ANM15, BKZ+06, BHM12, BMOKAMI09, BMA11, BM00a, BNW+08, BM07, BAM17, BGG10, BGG+06, BT17, BK17, BS15, BT03, CT92, CDCAO18, CJ05, CMK+11, CRC19, CREH+18, CSKB+89, CFA+19, DZW+09,
EB14a, EA14, EJ01, EK13, FH10, Fug03, FL09, GLWY10, GDLB16, GLJ00, GPM06, HTO97, HRD10, HHW01, HRS95, HLWC04, JS11, KJB97, KG18, Kor99b, KKiMT96, LH04, LPS02, LZ07, Lop03, LY18, LLGZ13, MK17, MK06, MACB19, MGAN18, MM00a, MD89, MSHG18, Nae01, NsL00.

Evaluation
[OS09, OD10, ONR02, ÖKT09, PK10a, PWLH06, PCHW12, PB10, PCFRP19, PTRW04, PB00, PG04, PKK98, PFL16, QHS08, RLY+13, Rld81, RM19a, RGH17, SM06a, SA11, SXYW14, SS04, SSCL08, SK02, SM16, TB13, TK00, TDK+07, TMD07, TPK12, TMB02, VK08, Wau19, WHB01, WR10, WMD+10, WSJ14, YWLG02, ZK13, ZJC+10, ZHO5, A084c, Goe84, KB07].

Evaluations
[YLC18, KOS15, SUSO04].

evaluative
[SC99].

even
[HG18, JL97].

evenly
[CKL08].

Event
[Chr86, LVB+93, Sch91, BRB14, BG98, CM12, DPSU06, FS19, FGD+17, HSPD14, HRN+01, KMB05, KK17a, KDEM04, LGH+17, LP05, LGL08, PLCC09, PG15, Phi98, SFSE05, TKJ16, WLL15].

event-based
[DPSU06, HSPD14, KMB05].

event-driven
[PLCC09, PG15, Phi98, TKJ16].

event-extraction
[BRB14].

event-triggered
[SFSE05].

EventHealer
[TKJ16].

Events
[KD91, DM17b, KFN19, KM89, TS19, TL1A18].

every
[GSB+07].

Everything
[SST16].

Evidence
[Bro81, SdSGdMSN+13, Jc90, W00, Wes02, DLW+13, NSL+07].

evidence-based
[JR09].

Evolution
[AK08, ES88, LHC08, NS87, NKMM12, dONTF+19, PSZ17, VHFST15, Wic92, ADT12, AD07, AN01, AL05, ABC06, BCL12, BMO0b, BSG+18, BKRW19, CT08, CCM12, CHLW17, DRELHE16, DGRN10, DD01, FL09, GgV+18, GPM08, GPPT16, HNZ17, HM00, Ha00, IF10, JLG017, KLRW01, KEL09, KBHG17, KBH07, KP07, LS07, LGH+17, LM03, MPTT14, MD16, NCS10, NBA+15, NAM17, PLV+18, PLM07, PS16, PBD+12, RR08, RMCH+14, SM09, SBT19, SA12, SL08, S092, UD10, Wuo80, XYCL17, YAKK16, YLCZ12, ZR04, ZWF+18, dOSdAdSG17, Har97].

Evolutionary
[GZY11, PL92, Poo93, TCK14, WBW09, AGR19, BCB09, CV16b, GTY12, HJ14, PLHP+15, SAI02, SA08, TN05, XZJ+15].

evolvability
[BCL12].

Evolving
[Bas97, Lea95, PMR16, PG05, WGS+14, HHHKWB16, HGBS18, Har99, LWB+13, PTBP08, RF14, URG10].

eVoting
[Pen11].

Examination
[Sub93, LvSL81, MR00a, PHR10, RNR17, Sta14].

Examining
[DGCA17, FMSG08, GLag99c, Ifi11, BMB19].

Example
[PU84a, She94, Gla94b, HBS99, KLRW01, LK99, PU84b, Van07].

Example-Directed
[PU84a, PU84b].

Examples
[Eli92, HS03].

Exception
[CCHW09, ECS15, FdSBR06, FRR09, GRRX01, JCY04, KLS18, SCL13, SHBA+16, ZM18].

exception-related
[ZM18].

Exceptional
[TB95].

Exceptions
[CF12, HDM17, OBS+18].

Exchange
[Tre81, CLC08b, Gfa95d, HHHK13, HHHK15, WZM12a, WZM12b, YC09, YC12, YM13, ZM04, ZG10].

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

Exclusions
[DS94].

Executable
[GMM90, JM90, Km95, MGJ07, TKU93, BLC+18, HBS03, ICSK14, KTT+17, KH14, SM00, TC89b].

executables
[CPiLH09].

execute
[CLW05, SSS+07].

Execution
[AM05, BL0+18, CZH+08, Di091, JOS3, KMWL12, LK93, RUE+19, TTS93, ÁRMC16, ACH19, AAA11, CdAM+14, CB00, DFJ19, EED16, FDAM12, GGS15, HCB+16, HSPD14, HS15, JJC+14, KCT12, LU06, LWM+13, NCK+15, PH13, PPG+10, SC19, SOC+03, SK18, TAS+18, WQ06].

expectations [IF19]. expected [GGC16]. Expectations [HBCC94, Hay86, Iso95, Lak93, LBvVB02, MMSH92, Rei87, SN07, WRW93, BDG13, BT03, HCY19, SSK98, TE99, TCCH12, VM89, VJB06, FH10, LNPAGD06].

Experiment [BC91, MD81, BS09, CFRPC+18, DSA+04, MNSA15, PUPT03, RZL+18, SCMS15, SHW02, WLHML11]. Experimental [AD07, CSKB+89, FLN91, HCN00, KOS15, KKM1T96, Loh84, Mj96b, Moy96, NY84, TLP95, WNSC96, YSO2, ZPEL01, BNvdH05, BDD13, BT03, HCY19, SSK98, TE99, TCCH12, VM89, VJB06, FH10, LNPAGD06].

Experimentally [NSM17].

Experimentation [Mac91, HJ00, YMM+17, YMM+19, FMMG17, experiment[Vis99b]]. Experiments [JG08, AP09, CGP+05, Fle95, JDLS16, KSF1T89, Ml00a, Mil04, MNSA16, Mi05, SKK+18a, SKW06, Vis99a].

Expert [Col92, Eli92, Gla98g, Ker92, LO92, MMS92, OT92, Pia92, Pop92, SSR18, SM92a, SYB97, Wic92, BHB+05, BDDS11, GJ07, Jer04, KJ99, MÖHB08, THGL07]. expertise [If11]. experts [RDVC19].


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

exploits [WLZ+17b]. Exploration [Dan96, GD04, JGdL17, SM99, TAV13, vHJPB+17]. explorative [KLT07].

Exploratory [ZSP01, AMdLM17, BS12, CdSDSG+18, ECS15, GCDY16, GW10, JR15, KNA11, MFB12, MAH18, MFM10, ONS02, PVSG05, PV06, RASL12, SS12, SNJ+07, TKZW17, Tan00, WKG19, ZGH+07]. Exploring [BAM17, BGG10, BWDP00, DC09, HRN+01, IF19, KK12, MM19, OWB11, QGZ+15, SPC16, SG16, ZZC18, JG14].

exponent [LCL15]. exponentiation [LCL98]. exporting [TTL+13]. expressed [BGH+08]. Expressing [BNR09, Lak97, RB99]. Expression [NTT19]. Expressions [Bra96, BH83, Hee90, CK02a, PC02, PWLH06].

expressive [MMP15]. Extendable [NC10]. Extended [MMP15].

extensibility [KFS+02]. extensible [CLL05, CC03, KLMC06, LQWL12, Luk11, OAC11]. extension [MBM19, CG03, KCS08, MLGA11, SDLS+19].

Extensions [CH83, CSaLG02, GCAH18, JSBR09].

extent [EG00]. External [Arc81, Ver89, WL95, ABG02, GM+09, Ifi11, PS09].

extra [TGE17]. extra-functional [TGE17]. extract [IWF07, TC11, TH02, BDO11, FTSC12].

extracted [CCWT13, WPP+09].

Extracting [AK15, DCG16, SDB18, SHS16, YLC08, JLG17]. Extraction [AB90, DS04, AACT13, BRB14, BKS15].
BKSM13, BKSM14, CHN19a, EKV05, EB14c, KKA+19, LZL+18, NBA+17].
extranet [DK01]. extreme
[BJ13, HBM05, TW08a, SJ05]. Eye
[KWS+17, LSZ+07, GW10].

F [GMGTdFR14, PW18, FLA+01]. Face
[ZLmLN14], faceted [LAT10]. facets
[KMG+19]. Facilitate
[KK81, GSM15, HBR19, LT09, WWLG13].
Facilitating [KCS08, ZMN05, KCA13,
MDF+11, WSJK08]. facilities [PK01b].
Facility [Sho91, DG98, WHN+01, Wei79].
Fact [Gla95h, Ken84, JBA08]. Fact-Based
[Ken84]. Factor [CR90, MTG92, GCDY16,
HMC01, MM01b, PUPT03, Tan00]. Factors
[DLT99, DG08, FWP93, KMO91, KNA11,
LL85, MP12, SYB97, VBC+14, ACS07,
BPSG13, CPD+18, CH09, CC08c, DPL16,
Gla06, HFC+01, Jor14, Kel09, LRD+19,
MB07, MKK09, RH02, RH03, RS98,
SNDC13, WSJK08, WR10, Wu11, ZP00,
ZSP01, ZZP15, ZP17, dSF12]. Fail
[Par98, AS10, AAB19, BAAD17]. fail-safe
[AAB19, BAAD17]. Failed
[Ker92, Gla93f, TTC15, ZYZ+17]. Failure
[FSS+13, Gla98g, Jor14, She94, SM92a,
BH005, CCMTO6, CGW08, DMQ07, DW11,
DPVvV19, Gla96d, Gla98c, Hat99, JX07,
Lin99, PD12, TSOA0, WGP+09, ZP06, dL04].
Failures [ASSA96, AD14, CL14, FN99,
Lip79, WLL17]. Fair [FHHL09, JL04, SA05,
BV15, HH17, LLL06, ZSM04]. fair-share
[HH17]. fairness [TT10]. faking [Gla94g].
familiar [WLL17]. Families
[Gom95, SD94, CGS19, CBAV16, CFAP17,
DSB05, KTF+16, dMCR19]. Family
[Zvi93, AP09, CGP+05, Del08, Lut00,
MNSA16, PSNB11, PCCPLdGP12,
dAGSdFS+15, SSS17, TFS10, WDC10]. Fan
[RTS86]. Fan-Out [RTS86]. far
[DDMP14, Mea09]. Fast [AAH10, BS86,
Kob99a, PSM12, TT10, ZR94, vD93,
AAH12b, CL13, JHYK10, KAS18, LK01,
LHY12, MBB11, PQBP16, VvSvV16, PS09].
faster [LHSK06]. FastTLInC [GM02]. Fault
[Ban86, BCS18, BW95, CL94, CG94, CC01,
DG92, Fri90, FAI94, HOT97, KN07, KP93,
LH83, LY09, MGM10, MS90, Mor86, Mue86,
OK94, PdC94, Ram90, SAASA94, STJS83,
She95, aSRZ+18, WL16, WTS95, WVF94,
WFZ96, YSDT11, ZJC+10, ZG97, ZX94,
AZGvG09, AT09, AI12, AM15, ABJ10,
BKE18, BLPB13, CBS16, CCH14,
CJZ04, CT00, CPR13, DW11, DW14, FP18,
FAI97, GGV+18, GLOK08, GH02, Gon08,
GPSS+13, GXZ+19, GLOM19, HTK00,
JM96, JJC+14, KKH11, Kim12, Lea08,
LKK09, LGW09, LGL+10, LFY+99,
LCH+04, Lin07, LM96, LYX09, LL+16,
LLW19, LH06, MLD+14, MFD+15,
MR00b, MA17, NJ07, PAR14, RW00, MSS05,
SM196, Shn09, SS04, TR00, THG07,
Tse07, TXC19, VMB+08, WY04, WL15b,
WWSZ15, WKH09, WMM12, WHMP99,
WDC10, XY+19, YLX16, YLYL17,
ZCT+11, ZS16, ZYZ+17, ZZC18, Zha09].
fault [ZXL0, ZHGL11, dCPV10, Hoa94].
Fault-aware [BCS18]. fault-prediction
[dCPV10]. fault-prone [MA17, ZXL10].
fault-proneness [FP18, Gon08, MR00b].
Fault-Tolerance
[Ban86, KP93, ZX94, GH02, Lea08].
Fault-Tolerant [BW95, CG94, DG92,
MS90, Mor86, OK94, PdC94, Ram90,
WTS95, WFZ96, CC01, LY09, YSDT11,
ZG97, AT09, CJZ04, CT00, GPPS+13,
HTK00, JM96, LKK09, Lin07, LLH+16,
SM196, Tse07, WM12, ZHGL11].
faultloads [CSM15]. Faults
[CMP85, Ev95, VPM93, AZG11,
dSACdLF17, AMDLM17, DBO05, JLC04,
MHLMG14, SRWE10, SMPG18, Sta03,
TVK95, ZWF+18]. faulty [EMM01].
FBCM [MKY07]. FC [WCL07].
FC-ORB [WCL07]. FDB [KNYS09].
FDDI [CCL01]. FDDI-M [CCL01]. FEA
[LL07]. FEA-M [LL07]. Fears
Feasibility [PC04, BRC09].
FEAST [WL99]. FEAST/1 [WL99].
Feature [BKS15, GPML06, KCV+19, TKK+19, AGR19, BGEP19, BAM17, BLUH15, CHN19a, CFAP17, CV16b, ESW06, GSM19, GJ88, GJ13, GWW11, KKL+11, KKA+19, KMG+19, LMN10, LG09, LHLC+15, LJM96, MRBN17, NCV19, PXT+13, PBD12, PHBJ16, SDGdMSN+13, TB10, TFLW99, UIK17, WQZ10, WDS09, WBS10, WGS14, WG05, XLX19, YJZ17, dL13].

Feature-based [KKL+11, UIK17, WG05]. Feature-driven [CV16b]. Feature-oriented [TKK+19, LMN10].

Features [AKL14, BZ10, BEK19, CC04, CP09, CCWT13, CRESF+13, FMSG08, HHKWB16, KAU16, LYLC16, PHN08, RS00, WBP03, WGH00, ZlmlN14, ZA12, FdOdL04].

Federated [KAK+13, AO16]. federation [NB13].
FedEx [WC99]. Feedback [AHGS92, HSM+07, Por93, XLW18, CGHL07, CBVF19, Hat99, ILZ13, KMSMD08, KCB05, KY08, LR99, LGH+17, LHCT19, NPC12, PCY12, RA16, YL09, ZJZ+17]. Feedback-based [XLW18, NPC12]. FeGC [KKLB11]. fewer [Gla97e].

Field [CRSS14, Gla97m, nQYD11, CVGP13, Gla97g, HAHH06, KL11, SCwY12, SCL13, Vis99b, ZP06, CMK+11]. fields [dGFDL16]. Fido [MR86]. Fifth [Ano84c, Goe84]. File [CM93, FC96, Haê86a, Haê86b, Haq89a, Haê89b, HI91, HI91, MIH92, ZK04b, ZC+19, CB89a, CCH14, CLG08, CT00, JLZ19, KFS+02, KA14, LLLK12, LZC19, Luk11, MCC02, MCC11, MK17, PNY14, SMU98, TXLC12, YLC17].

File-level [ZC+19]. File-Usage [CM93].

Files [HL94a, CLLC96, FSS+13, HH05, RBS19]. Filling [GMS07, SCGL+18, LWHS05]. filter [AG15, CLL99, PCC02]. filter-based [AG15]. Filtered [WDS09]. filtering [CCdR+16, HCC05, KK17a, KY08, LL09, LLWL14, ND18, PQBP16, ROFGFRM13, Shi12, XWZC14]. Final [Gla02]. Finally [Gla92b].

Financial [Aml00, LHLY05]. find [HG18]. Finder [AB90]. Finding [CH94, MS97, TS89, dOFG+19, HFC+01, JSHW14, MSGM17, SHGT16]. findings [Gla98i, RSGH12, Sal02]. Fine [FAB07, PPB19, ZML17, FSGW11].

Firm [CFMRL11].

First [RA96, vC80, CCDD00, Gla00g, Gla00i, LC00]. fission [HWR17]. fit [DS98, Gla96f, WSJK08]. Fitness [HBT16].


Fixed-memory [CGHL07]. Fixed-priority [PNK96, FHL+15, LHSM06, dOCS13]. fixer [ZC+16].

Flexible [ES14, GBDCR12, KTF+16, LSH09, NG91, PW92, ZL04, Cho04b, DA07, GCSSDP+18, Har04, ILZ14, KBH07, KLP10, LMT16, VRG+16, ZL12b]. FlexIQ [ILZ14]. Flipping [CCGG14]. flocking [YSDT11].

FLOSS [BCB09, HBR19]. Flow [BCF18, FZ93, HUMT92, JO83, Las90, Liu93, MM93c, PBC93, TK91, WSN92, AAAC07, AM10a, ABFM12, Çam99, CCdR+16, CCW02b, Cho04b, Cho05, CC05,
CC06, DC17, Fer00, FdSBR06, FRR09, HKY01, HC04a, Jen99, Ku094, LL09, LVMM07, LQW12, LZG07, SG16, SKKL07, ULN06, ZG07, APS16, DS85.


Forms [GK91b, SKS96]. formulae [vEHvV89]. formulas [SGK12]. formulation [CJP98, GP05]. FORTRAN [AC97, Rey80]. FOUND [GKD13]. forward [dONTF+19, Tse07, WLL17]. Found [KSH92]. Foundation [NS87, GPHS07, PDC01]. Foundational [ANB93]. Foundations [DPvV19, Mat96, VPMV+13]. Four [Bhu86, VBC+14]. Fourier [GJ13, yWPwYpN13]. Fourth [Joy94, RA96, DHKV06]. Fourth-Generation [Joy94]. FP [BK92]. FP-S [BK92, FP2 [Be93]]. FPA [FP18, KRHZ05]. FPA-FL [FP18]. FPGA [EHHK04, MM14]. FPT [YH19]. FPT-approximation [YH19]. FPZL [DOCS13]. fractal [KM11, WCH03]. fractional [MUIM12]. fragile [CCLL11]. fragility [CIB+19]. fragmentation [DFCR96, HSPD14, SeMC02]. fragments [SGC+17, Zhu04d]. Frame [HFK92, SGL93, GLJ00, LWW+13]. Frame-Based [HFK92, SGL93, LWW+13]. frames [LCC+13, CLKL12]. Framework [ANB93, BFR96, Bhi90, BC94, BF90, EL94, HR96, ILZ14, JS11, Lak97, MWH97, MV93, Mos84b, MP90, NG91, NC96, PM90b, Pre95, Rah92, SW93, Sam93, TMTB19, AV12, AM13, ATHM17, AZW07, AK16, AAM+17, AS00, BKL18, BG09, BM89, BSG+18, BS12, CDEV08, CNM18, CT13, CJP98, CPX16, CBC14, hCSW+04, CL04b, CMR19, CBC+15, DBC+14, DHO9, DSS09, DS16a, DB95, DBZ16, DB06, DM17b, ETYL15, FBB15, FdOdL04, FTC16, FCC+10, FMRM15, FLA+01, FL09, GMS19, GKD13, GN15, GPP+17, GPM13, GSN+15, GDB16, Gru07, GJP96, GSMC13, GZKL13, HALS08, HGP+12, HLMB07, HZH+16, HCCW05, HSL14, HZ07, ILZ13, JCC05, KC16, KH14, KSS18, PSP08, KT12, KTK19, LCLP16, LBS+07, LSE12, LHH10, LDZL15, LC11, LNW+11, Lop03.
LLC17, LZR16, MEB+10, Mos84a, MIKG13]. framework [MAAC17, NK15, NWZ05a, NBR+14, OAdLC07, OAC11, OCC12, PPG+13, PWY+16, DNAM05, P5dO+13, PPM12, PA99, PGRQV12, QHS08, RGV+17, RMC05, RAS14, RLL+18, RM19a, RGH17, SC99, SJR+11, SRGl09, SCh5+06, SC88, SA16, SS+15, SBB19, SK02, SL07, SWES16, Tnm04, TKJL13, TPGdS13, TTL+13, TC16b, TSPH06, VM12, VpD13, VRG+16, VvsV16, WHB01, XLL+19, YLA+17, YAKK16, ZC08, ZLC+14, Zha09, dRSBA13, fLSN18, rBHM17, vHAH12, CV14, CH05]. framework-intensive [RAS14]. Frameworks [CGP+09, CdL18, FCL+00, GAKF13, MDP+11, OLV15, PHR10, ROFGFRM13, SKL10, SPCT18, TJT+18, TKJ15, RCL14]. Frank [LZ07]. fraud [Gla95h]. Fred [Ano87d]. Free [HP90, HP92, Shi12, Aba06, BLS18, BL19, CW09, DFCPSF15, GW10, HL10, IT03, Kan15, LL00, Rad04, RBW18, SSA08, WCH03, WDC12, Xia13, YAY13]. free-list [Aba06]. free-spirited [HL10]. free/open [SSA08]. FreeBSD [YSC+06]. FreeRTOS [GPPT16]. French [FM90b]. frequency [BPM06, CS12, HFE10, HH05]. frequency-hopping [BPM06]. frequent [DS12, KR16, KVT+17, LLL+09, LLJ+12, LW13b, MSB18, NDS13, Sal17, SPDT06, ZJL10]. friendly [MCV15, PSN11, WOLS12]. friends [CN00, EBC10, RNC14]. front [PSS11]. frontiers [WMC17]. FRSM [Lu95]. frustrated [Gla00a]. FSA [LMS12]. FTAM [LL99]. FTAM [AH+10]. Full [CMNA+09, Gla88b, RUV92, Got93, JIC+14, LKH+08]. full-round [LKH+08]. Fully [ZJ2, KSOK04, ZML17]. fun [GCMB17]. Function [AR94, BK92, Do97, EAH+11, ES97, FWD97, OR00, Re90a, TC93, CSW13, HOR01, HBT16, LC10, SHW09, TSCB19, WWSZ15, WWB09, ZLCY06, AHGSS05, LWSH19, SB19]. Function-as-a-Service [LWSH19]. function-assigned [WWB09]. Functional [ABB15, BM93a, Dye93, HZ83, How80, KP97a, Mil96b, Moy96, Sal09, BHM17, vHAH12, CV14, CH05]. fundamental [BDA+02, EL88, Gla95j]. Fundamentals [Aml00]. Further [CA89, WHY+12, VVS99]. Fusion [SW95b, HF08, TXLC12, YCF+13]. Future [A87e, CG15, BMA+13, BGEP17, CH16, DFG+13, FG12, MKNS06, PMR16, PSK05, TD6+02, WTG+15, Wen03]. fuzzing [ZLL+12]. Fuzzy [Zhu04a]. fundamentals [ACGS+08, BSKL10, BMLL14, EL07, KRSD12, LLVM19, LMYMT08, MMS13, SFMB16, SNM14, ANC11, CWP09, MG11]. fuzzy-based [SFMB16].

General-Purpose [Yua90]. **generalization** [Raj94]. Generalized [Bhi90, BH83, CCGG14, CT97, KP97b, SM06b, YDGB+12, vdD93, WHL89].

**Generalizing** [SED16]. **generate** [MM19, SGC+17]. **generate-and-validate** [MM19]. **generated** [GPD+19, LW13a, SCL13]. Generating [BDM+93, DV10, KTT+17, LWN03, OL99, PS90, ZYZZ14, CL18, Cie16, JMM99, UIK17].

**Generation** [APL95, AM85, Bel91, BCFG86, FAB94, GKV14, Joy94, RA96, AZ11, AG15, ĀGByB+14, ABC+13, ClS+12, ClSC98, CS04, EVR11, EGM+11, FW09, FAM15, FA07, GlhA96, GZ11, GTY12, GH04, GEM15, HY11, HBT16, HZH+16, HWC+10, JR09, JF99, KL10, KL11, KD18, LU06, LC07, LC08, MSHG18, PS13, PAO15, Phi05, Phi06, PW18, PQLN04, SA08, SZPMK04, TAF+17, THP+06, TGG19, VRPT18, VPMVM+13, VA08, WBW+06, YLC06, ZAY19, ZAO08, ZYY+19, ZBLG07, ZL06, dRT06, RR09].

**Generator** [AF96, MM93a, NY84, YCGH92, GP10b, KP97a]. **Generators** [AF96].

**Generic** [MM93a, BMS11, CHY+05, DK15b, Gr07, KD18, XPCB11]. **generics** [RFZ08].

**Genetic** [JK13, OW04, PS05, TGK19, AR18, AG15, BRMA+09, DXPY03, EEA13, GBL08, GW11+11, JJP02, KS17, KLB15, LHH10, PS13, RCCVB11, Yoo09].

**Genetic-algorithm-based** [OW04].

**genomes** [HLW04]. **GenProg** [MM19]. **geographic** [BBCP11, KPS09].

**geographically** [CdR+14]. geolocation [PWY+16]. **geometric** [CJ01].

**geometrical** [TL13]. **gesture** [SHBC19]. **gesture-based** [SHBC19]. **gestures** [GCSAdP11].

**gets** [Gla98f]. **GeX** [MMP15]. **Gibbs** [BT05]. **GitHub** [BV18, JR15, TNK+19, TLA18]. **Given** [Leu92]. **gives** [Jer16]. **Glass** [Gla88b].

**GLBM** [ZADM10]. **global** [APCS10, BHH+10, BBS10, CL18, CC07, GGS+19, GBC16, Jsr14, KK11, KR14, LH11a, LCLS16, LR99, SKR19, 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, CC07, CPYZ14, CHL+13, GPMI13, Gla96i, MTF14, PNJGF12, PL99, SCS15, ZWM+18].

**goal-based** [GPMI13]. **Goal-driven** [PZ15, CPYZ14]. goal-oriented [CC07, CHL+13, MTF14, PNJGF12, PL99, SCS15, ZWM+18].

**Goals** [Pf95, CFAP17, CCHW09, GBH+16, KG18, MPS+12, OW04].

**Going** [DC17]. **gold** [Gla93f]. **Gompertz** [O09]. **Good** [Gla97f, Gla02, BB99, CHL+13, Gla00f, MM01]. **Good-bye** [Gla02, Gla00f].

**Gorbachev** [An90d, Gla90e]. **GOTO** [BGB90].

**governance** [HBR19, Vsvv16, Wau19].

**GPU** [BAI+14, HCB+16, MB11, PS14].

**GPU-SAM** [HCB+16].

**GQM** [GPMI13, KVGS11, MB97].

**GQM-based** [KVGS11].

**GQM-DSFMS** [GPMI13].

grades [TYH04]. **gradient** [YCL13].

**gradient-based** [YCL13]. **Graduate** [TR89, Bra89, Te99, VM07].

**Graduate-Level** [TR89]. **grafting** [SC00].

**grained** [FGSW11, FAB+07].

**grained** [PPB19, ZPE01, ZML17]. **gram** [SPS17].

**Grammar** [Ara95, HWC+10].

**grammar-based** [HWC+10]. **Grammars** [HP90, PACH15].

**grammatical** [RMCH+14].

**Granular** [KK07b, PS05].

**granularity** [INS00, Jnu00].

**granules** [IBM11].

**Graph** [Ara95, Chr86, Fra86, HOT97, PBC93, QGZ+15, WWL13, ĀGBYB+14, BKLE18, CLX+04, CL17b, HWR17, KZDX09, LL00]
Graph-Based [PBC93, WWLZ13, SM06b].

graph-modeled [MMP15].

graph-oriented [CLX+04].

Graphical [Arm98, DK97, HG91, LG97, Sny91, CTL12, LK16, MD89, OFR+12].

Graph-based [MMP15].

Graphs [Del92, HUMT92, AR12, BP13, BNS12, HL94b, QK08, SK10].

GRASPIN [Chr91, GHC91, GSC91, IKCN91, Kr¨a91a].

gray [Che13, HH06, JBSL12, UUN13].

gray-level [Che13, HH06].

gray-level-density [ZCZZ11].

gray-level-patterns [CT11b, CLH+13, GLW13, HSC15, TdCAF16, FMP09].

Grigoris [LZ07].

Grindstone4Spam [MRJD+12].

Gross [LJM96].

ground [KA17].

Grounded [GN15, WLD16, AKH12, CO08, JG14, JMM17, SSD16].

Grounding [OHS01].

groundwater [LHP+09, LHP+10].

Group [ARAS94, CCSC01, GTF17, HR95, Sch81, Szs13, AS01, BPSK18, CJT04, CNIv07, HYYC04, HDLK00, IF19, Jia99, KPG+07, LL06, LL09, LCC10, NLKW05, RDD02, Sha05, WF07, WHHT08, XY02, YST11, YZ05, ZcsK17].

group-based [BPSK18].

group-by [LCC10].

group-oriented [LL06, WHHT08].

grouped [SD16a].

Grouping [GTY12, GZ11, WHYT06].

groups [HBM05].

groupware [BKZ+06, BDG13, MGR+13, PLGT10].

Growing [HJHKW16, EZG15, KHMA12].

Growth [DLG96, Tn92, Hc04b, KL15, LHC+05, RSB+14, ZLCY06].

GSM [FIGCLN+02].

guaranteed [LWL+13, LGHR16, LKL11].

guaranteeing [FCC+10].

guarantees [AMP12, CGS19, LGZ+18].

guessing [SCH05].

Guest [Bao06, BJM02, BDV17, CCM12, CSSW03, CHS+07, LW02, RW01, SY16a, An93g, An94f, An94g, An95b, Ber94, BS96, Bo97a, Cs18, CDW07, CU98, Got93, Har90b, Har93, Har94, Har95b, Hoo94, HY94, yL98, DGV08, MW08, OPS11, OP92, Pla95, Rad84, Rid81, Sai98, SW95a, Wey01, Wyn01, Zs95, ZWM96].

GUI [BRB14, HCC10a, YCG+14].

Guidance [HHB+99].

guide [PIGÖ08, PPG+10, dSF12, dBvV08].

Guidebook [NB93].

Guidelines [CTA94, Joy87, MMSH92, CPDM16, Phi98, SN07].

guiding [LK13].

Guilt [TKCR14].

Guilt-based [TKCR14].

Gulezian [BT97].

Guo [LLLZ06a, LLLZ06b].

h [JJ06].

H. [LC06b, Zha08].

H.264 [LCC+13, LLML13, LW13c].

H.264/AVC [LCC+13, LLML13, LW13c].

hack [SCwY12].

Hacker [Spa92].

Hadoop [LZCL19, MK17, SGW+15].

Hadoop-based [LZCL19].

Half [RB93a].

half-tone [CCP05].

Hamming [CCLN11, ZGZ+13].

hand-held [CTL12, PSG+09].

Handling [BBAB10, BT797, CF12, FS14a, Gu96, JOZ03, LH01a, UH86, WQJZ10, CCHW09, CPYZ14, ESM15, GRRX01, IYS13, KFLS18, LNW+11, MPST06, OBS+18, TKCR14].

handoff [HLW06, PZB10].

Handover [AAH10, AAI12b, CL13, EZOK14, LRD+19].

hands [FIBRGCLN05].

handshake [FIBRGCLN05].

HANet [JCC05].

HaoLap [SGW+15].

happened [Gla96k, Gla97k].

happens [GFWA18].

happy [GFWA18].

Hard [Ham81, KCS01, Kor99b, LSE12, LWL+13, PC04, SY02, WMWZ12, wZfg14b, ZLZ+96].
Hard-To-Use [Ham81], hardening [AMKD13]. Hardware [GH83, Mos84b, WWF94, CGL+04, EHHK04, GKD13, Gla00i, KPT09, Mos84a, Nav92, Oi08, Ozk97, SP08, TCSC04, XY07]. hardware-based [GKD13]. hardware-translation [Oi08]. hardware/software [CGL+04, XYS07].


Hermod [OHBR90]. heterogeneity [CDGJ10]. Heterogeneous [BL95, GHKR04, KZ91, KLC02, PD98, AR18, AYZ10, BLM10, CLY17, CTHW12, DDL+18, DK15a, DFJ19, FBMO9, GPL+15]. JZL07, JRO12, KHS11, Kar01, MMZ+16, MK15b, NEM17, NTRN11, OZ0+14, PK10a, PWL06, RR98, SKK07, TW98, TBC+16, WHL15, Zha12a, ZLD13, ZCC+17, ZSB19, ZGSH13]. Heuristic [AM00, Bow84, PCC02, ZR87, dNPM18, DSR03, DSA+04, KS16, MHW01, SMDM05, TVMS18, TPGdS13].

Heuristic-based [dNPM18, TPGdS13].

Heuristics [Fer93, Gla91c, CZdV98, DHC+11, FSGL12, FLA+01, WDC10]. HIBOL [WM90]. HIBOL-2 [WM90]. hidden [LZL+18]. hidden-code [LZL+18]. Hide [VPM93]. Hiding [Hen88, RwJK01, AQK11, CCY+09, CL06a, CL06b, CNL13, FF12, HCS09, HC10, HWL13b, HTH13, LCT10, LC10, LCLF13, LBC10, Lin12b, LCC+13, LLML13, LWL09, LTW16, OLZN13, PMPH13, PWC12, QZ12, RC94, TW07, UUN11, WCLL09, WCC10, WHL13, WYCC13, WLC13b, WCC+14, WLT+09, YWTW11, YWHL11, YCLY13].

Hierarchical [ABB19, Blaj87, Cha91, Hae93, LF96, Pow86, WWC00, vdsJK+07, BS09, BLLGSM11, CzdV98, GBC16, JW06, KKG+12, KBH07, LKLO4, LH11b, NZM10, RG10, SS13, TYH04, WF07, WWYZ11, WL15b]. hierarchically [YR09]. Hierarchies [MM81, BS09, HY03, Lee07, WL05].

Hierarchy [FWP93, Lee93, CCD19, LZKW12, LY01, TL89]. High [AQK11, AA98, Amm91, BW83, BH83, BM93b, CS12, GH83, KL95, KP97b, KP91, Lin12b, MMSH92, PU84b, PU84a, QL03, She90, AdB13, ABLH16, AKA+15, BML+13, BGG09, CS19, CD07, CT00, CTLO8, DB06, EBBRG01, ELK06, FF12, FCT16, FMSG08, GJ88, GPK98, HCS09, HTH13, KC09, KT03, LP93, LCC+13, LO04, Nav92, NL00, NJ17, PLCC09, PN14, PC15, Phi06, RLY+13, RQD+17, SMG08, SPMG18, Shi17, SP08, SVMAM04, SS13, TBC+16, TCM98, TC12, WWTH08, WHL13, WYCC13, WCC+14, WLT+09, WKH11, XZP+10, ZHH+17, ZZZ11, ÇT13, HA03, NK14].

high-bandwidth [NJ17]. high-dimensional [LO04]. high-integrity [SP08, TCMJ98]. High-Level [BW83, BH83, GH83, KP97b, KP91, MMSH92, PU84a, She90, PU84b, CD07, FMSG08, GJ88, GPK98, LP93, Nav92, 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].

higher-order [nQYD11]. Highly
[LS97, BNS12, CSS10, JLQ+10, PSS+16, PBDDB18, RS06, WDS09]. highly-accurate
[BNS12]. Hindering [BTPLST15]. HiP
[MBPM19]. HiP-HOPS [MBPM19].

HIPAA [HL11]. HIPaG [JLYK09].

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, KH06, KM17, LWW+10, MDD17, MFT14].

history-based [HPH12]. History-driven
[Boz00]. hitting [TXCX19].

Hocking
[ACSC16, ACL13, BMES04, BCLW11, hChSyCwL10, CWK10, Cho13, KSCH14, LLHY19, MLHL12, MDO+10, WOF07, WOC15, YZ05, YSK90, ZMN05]. holes
[NVV17]. Holistic
[GGG+19, CC09b, WSK08]. Home
[LDZL15, CFL+18, GGB19, KLP10, SJJ+11, vDJK+07]. Home-diagnosis
[LDZL15]. homeostasis [GPS+19]. homing
[HSM16]. Homogeneous [BBG86].

honeybee [KHS10]. honored [Gla97g].

hop [CW12, JXLC15]. hopping [BPM06].

HOPS [MBPM19]. horizon [HZG+12].

HOS [LF96]. Hospital
[KZ01, ÖKT09, TKSRP11]. host [CL06a].

hostile [HWM01]. hosting [RQD+17].

hosts [Wen16]. Hot
[WLZ+17a, WMOKY11]. hot-spot
[WMOKY11]. Hotswapping [LC06a].

hould [Alo87c]. hour [ABJ+17]. hours
[Jør16]. House [RB93b, BWP16, ffl11].

HPC [CNM18]. HPobSAM [KJS+12].

HSFal [JJC+14]. HSP [HHH+10a]. Hsu
[BCW05]. HTML [RDD02]. Huang [ZC05].

Huffman [LHY12, YWH11].

Huffman-code [YWH11]. Human
[FK92, Har98, Jef91, LL85, Woh16, CFRPC+18, HH08a, KK06, IWW+10, MV09, WSM15, YCG+14].

human-centred
[KK06]. human-perceived [CFRPC+18].

human-related [HH08a]. Hurst [LCL15].

HVMs [CBZ+16]. Hwang [WL05]. Hybrid
[DI1b, Fra90, GKB91, Gor91, GW95, KAM13, KR16, IWC+18, LS05b, PN14, WOF96, BDGR10, BET17, CCdR+16, CNL13, CDOP15, CJ03, DBCdP11, DAG19, EEAZ13, HC06, JS11, JJ+14, KH06, HMF13, LMT16, LG17, LZCL19, LT11, LQW+12, MLHL12, MR01, MR00b, QOLG16, SBZ+17, SLW+15, TM06, YYWH07, YH10].

hybridization [MMS13]. HyMIS [MK08].

hype [Gla96b]. Hyper
[KS16, TSB19, WGZ+12]. hyper-chaotic
[WGZ+12]. Hyper-heuristic [KS16].

Hypercube [Fr90, KP93]. hypercubes
[KM04]. hypermedia [SL01]. hypermesh
[LYX09]. hypervisor [PWY+16].

hypervisor-based [PWY+16].

Hyppocrates [BDD04].

I&C [KSS03]. i* [MNSA15]. I-Cache
[CKW+13]. I-star [MTF14]. I/O
[FTC16, LP05, MD91, SMZC12, SC19].

I/O-intensive [LP05]. IaaS
[DV+16, DR12]. IBIS [KSW93]. IBM
[XPB11]. IBUPROFEN [PCFRP19]. IC
[JT97]. iconic [YC08a, YL09]. ICPS
[LP07]. ICSC [WB19]. ID
[CLZ07, HH08b, HCC10b, IB11, Shi10, SV12, RF84].

ID-based
[CLZ07, HH08b, HCC10b, IB11, Shi10, SV12].

IDE [ČT13, GMR17]. IDE-based [GMR17].

idea [Gla95e]. ideal [BML14].

Identification [FSGYP17, FTSC12, Joy87].
Identifying
[BDO11, BCB09, CDDF99, FBB+12, KL07, MKK09, Sha02, WLZ+17b, WRR14, ZQZ+06, CBVF19, LZJ+19, SL08, TNA01, XCM+12].

Identity
[HYWS11, WC07, CC09a, KBD09, RG10, Sha09, SA16, WWYZ11, YYS+16, YKC+12, ZZ12].

Identity-based
[BDO11, BCB09, CDDF99, FBB+12, KL07, MKK09, She02, WLZ+17b, WRR14, ZQZ+06, CBVF19, LZJ+19, SL08, TNAA01, XCM+12].

Identity-based idle
[SHS+07, SRS15].

IDR [HL00b].

IDTV [BPB19].

IEC [EG00, EB00, EJ01, JH01].

IEC61850 [PW03].

IEEE [KT16, LH12, Sai09, AAMS14, CMNA+09, KvV06, PZB10, WC11].

IEEE-FIPA [CMNA+09].

IEEE/IFIP [KT16, LH12].

If [OT92].

IFIP [KT16, LH12].

IFML [BCF18].

IFPUG [CGMPAP08].

ignorance [Ber95, Ber02].

II [Gla94f, Dol97].

IIARKOS [FTC16].

Illustrating [ST01].

Illustration [AB10].

Image [BAAS13, CC04, Che13, KPS10, PWW10, CC02b, CHC01, CPL13, CT11a, CJ13, CW14, EA11, HRB12, HH06, HHH+06, KRDH12, KM11, KC09, KLC02, KCB05, KY08, KAS18, LWS+03, LK01, LTL+09, LLCL08, LXCMI1, Lin00, LT04, LW13a, LWL09, NES+14, PHN08, SNM14, mSgFtL05, jT12, TTL10, TLL13, UUN11, UUN13, WCCL10, yWpWyYpN13, WGZ+12, WLC07, WKH11, WOLS12, WS13, XZZ+16, YCYW07, YC11, YC08a, YL09, ZLW+12, ZT14, ZL12b, Zh04d].

imagery [LJM96].

images [AQK11, AMK12, CL06a, CCP05, CCW13, Che13, FWTC05, HCS09, HSL14, HLW13b, HHC12, HTH13, KSRD10, LC02, LW13a, MM14, MKH+12, TCC02, TW07, UUN13, WCH03, WLH13, WCC+14, WC02, YWTW11, Zh04d].

imbalance [LLC17].

Imbedded [MR86].
implemented [WLC13b].
immense [GP98].

Impact [CS85, Hur93, JAS19, VM07, AI12, AHB19, Ano13a, BHH+10, BBS10, BLOS06, CS15, CS16, CCP18, CH09, CC09b, CBS00, CREH+18, CFA+19, DGP02, DSN13, HGBS18, HE10, HWLM11, IY13, JMS507, KA18, LR99, LRB+19, LI05, MS16, MT13, PB11, PSZ17, RVV17, RRDO6, SS00, SLL14, SLL+15, Tan00, TNJH07, TMD07, Wau19, YS02, dL13].

Implied [dMCR19].

Importance [Gla92e, Gla92f, Ano92g, Ber95, CDDF99, FBB+12, KL07, MKK09, Sha02, WLZ+17b, WRR14, ZQZ+06, CBVF19, LZJ+19, SL08, TNA01, XCM+12].

identifiers [CAHV15].

identify [HJ14, LLWL19, TTC15].

Identifying
[BDO11, BCB09, CDDF99, FBB+12, KL07, MKK09, Sha02, WLZ+17b, WRR14, ZQZ+06, CBVF19, LZJ+19, SL08, TNA01, XCM+12].

Identity
[HYWS11, WC07, CC09a, KBD09, RG10, Sha09, SA16, WWYZ11, YYS+16, YKC+12, ZZ12].

Identity-based
[BDO11, BCB09, CDDF99, FBB+12, KL07, MKK09, She02, WLZ+17b, WRR14, ZQZ+06, CBVF19, LZJ+19, SL08, TNAA01, XCM+12].

Identity-based idle
[SHS+07, SRS15].

IDR [HL00b].

IDTV [BPB19].

IEC [EG00, EB00, EJ01, JH01].

IEC61850 [PW03].

IEEE [KT16, LH12, Sai09, AAMS14, CMNA+09, KvV06, PZB10, WC11].

IEEE-FIPA [CMNA+09].

IEEE/IFIP [KT16, LH12].

If [OT92].

IFIP [KT16, LH12].

IFML [BCF18].

IFPUG [CGMPAP08].

ignorance [Ber95, Ber02].

II [Gla94f, Dol97].

IIARKOS [FTC16].

Illustrating [ST01].

Illustration [AB10].

Image [BAAS13, CC04, Che13, KPS10, PWW10, CC02b, CHC01, CPL13, CT11a, CJ13, CW14, EA11, HRB12, HH06, HHH+06, KRDH12, KM11, KC09, KLC02, KCB05, KY08, KAS18, LWS+03, LK01, LTL+09, LLCL08, LXCMI1, Lin00, LT04, LW13a, LWL09, NES+14, PHN08, SNM14, mSgFtL05, jT12, TTL10, TLL13, UUN11, UUN13, WCCL10, yWpWyYpN13, WGZ+12, WLC07, WKH11, WOLS12, WS13, XZZ+16, YCYW07, YC11, YC08a, YL09, ZLW+12, ZT14, ZL12b, Zh04d].

imagery [LJM96].

images [AQK11, AMK12, CL06a, CCP05, CCW13, Che13, FWTC05, HCS09, HSL14, HLW13b, HHC12, HTH13, KSRD10, LC02, LW13a, MM14, MKH+12, TCC02, TW07, UUN13, WCH03, WLH13, WCC+14, WC02, YWTW11, Zh04d].

imbalance [LLC17].

Imbedded [MR86].
implemented [WLC13b].
immense [GP98].

Impact [CS85, Hur93, JAS19, VM07, AI12, AHB19, Ano13a, BHH+10, BBS10, BLOS06, CS15, CS16, CCP18, CH09, CC09b, CBS00, CREH+18, CFA+19, DGP02, DSN13, HGBS18, HE10, HWLM11, IY13, JMS507, KA18, LR99, LRB+19, LI05, MS16, MT13, PB11, PSZ17, RVV17, RRDO6, SS00, SLL14, SLL+15, Tan00, TNJH07, TMD07, Wau19, YS02, dL13].

Implied [dMCR19].

Importance [Gla92e, Gla92f, Ano92g, Ber95, CDDF99, FBB+12, KL07, MKK09, Sha02, WLZ+17b, WRR14, ZQZ+06, CBVF19, LZJ+19, SL08, TNA01, XCM+12].

identifiers [CAHV15].

identify [HJ14, LLWL19, TTC15].

Identifying
[BDO11, BCB09, CDDF99, FBB+12, KL07, MKK09, Sha02, WLZ+17b, WRR14, ZQZ+06, CBVF19, LZJ+19, SL08, TNA01, XCM+12].

Identity
[HYWS11, WC07, CC09a, KBD09, RG10, Sha09, SA16, WWYZ11, YYS+16, YKC+12, ZZ12].

Identity-based
[BDO11, BCB09, CDDF99, FBB+12, KL07, MKK09, She02, WLZ+17b, WRR14, ZQZ+06, CBVF19, LZJ+19, SL08, TNAA01, XCM+12].
important [MKK09]. Impossible
[TSLL11, LGLL12, SDM10]. Improper
[BG96, BLLG13, BS06, RFW09, YHL11, YM13]. Improvements
[BH02, BOL97b, CBK96, CWK+14, DLS94, HBCC94, SCL07, Sha09, TTP97, AAGT16, BH03, BD16, BHB+05, CSW13, CHr99, Ebe99, GMMP15, Gl88c, GC13, GLJ13, KS95, KSJ17, LL07, LCC+13, LWL09, PS13, PWLL13, SDM10]. Improvement
[BH02, Bol97b, CBK96, CWK+14, DLS94, HBCC94, SCL07, Sha09, TTP97, AAGT16, BH03, BD16, BHB+05, CSW13, CHr99, Ebe99, GMMP15, Gl88c, GC13, GLJ13, KS95, KSJ17, LL07, LCC+13, LWL09, PS13, PWLL13, SDM10]. Improvements
[BH02, Bol97b, CBK96, CWK+14, DLS94, HBCC94, SCL07, Sha09, TTP97, AAGT16, BH03, BD16, BHB+05, CSW13, CHr99, Ebe99, GMMP15, Gl88c, GC13, GLJ13, KS95, KSJ17, LL07, LCC+13, LWL09, PS13, PWLL13, SDM10]. Improvement
[BH02, Bol97b, CBK96, CWK+14, DLS94, HBCC94, SCL07, Sha09, TTP97, AAGT16, BH03, BD16, BHB+05, CSW13, CHr99, Ebe99, GMMP15, Gl88c, GC13, GLJ13, KS95, KSJ17, LL07, LCC+13, LWL09, PS13, PWLL13, SDM10]. Improvements
[BH02, Bol97b, CBK96, CWK+14, DLS94, HBCC94, SCL07, Sha09, TTP97, AAGT16, BH03, BD16, BHB+05, CSW13, CHr99, Ebe99, GMMP15, Gl88c, GC13, GLJ13, KS95, KSJ17, LL07, LCC+13, LWL09, PS13, PWLL13, SDM10]. Improvement
[BH02, Bol97b, CBK96, CWK+14, DLS94, HBCC94, SCL07, Sha09, TTP97, AAGT16, BH03, BD16, BHB+05, CSW13, CHr99, Ebe99, GMMP15, Gl88c, GC13, GLJ13, KS95, KSJ17, LL07, LCC+13, LWL09, PS13, PWLL13, SDM10]. Improvements
[BH02, Bol97b, CBK96, CWK+14, DLS94, HBCC94, SCL07, Sha09, TTP97, AAGT16, BH03, BD16, BHB+05, CSW13, CHr99, Ebe99, GMMP15, Gl88c, GC13, GLJ13, KS95, KSJ17, LL07, LCC+13, LWL09, PS13, PWLL13, SDM10]. Improvement
[BH02, Bol97b, CBK96, CWK+14, DLS94, HBCC94, SCL07, Sha09, TTP97, AAGT16, BH03, BD16, BHB+05, CSW13, CHr99, Ebe99, GMMP15, Gl88c, GC13, GLJ13, KS95, KSJ17, LL07, LCC+13, LWL09, PS13, PWLL13, SDM10]. Improvements
[BH02, Bol97b, CBK96, CWK+14, DLS94, HBCC94, SCL07, Sha09, TTP97, AAGT16, BH03, BD16, BHB+05, CSW13, CHr99, Ebe99, GMMP15, Gl88c, GC13, GLJ13, KS95, KSJ17, LL07, LCC+13, LWL09, PS13, PWLL13, SDM10]. Improvement
SCC16, SM16, Sta14, SAN+17, THGL07, TL09a, VHF02, VHFP+17, WGKW19,
WR99, WB15, YLA+17, dSDMSN0+14, dOSdAdSG17, ELHC13. Industrialization

[Stu83]. industrially [Lai99]. Industry

[Bis13, DB86, G9K1a, HBR19, MBL+99, CCG+07, CBT+14, CSNS05, EB14a,
EBAT13, ETM10, EBB09, FF89, G18, HTB12, IS03a, JZ05, LSdBA+08, MSB18,
MTA+16, MFTP18, Snap79, SB14, Tha08, TTR+13, Wes02, WRR14]. Industry/university

[MBL+99, CSNS05]. Inefficiency [BAH96]. inexped [Zhu03]. inexpensive [MPS86]. infeasible [KSS15]. Inference [CL94, Sta85, LS92, RSB+16, TSRC18, VH89]. infinite [ASdMGM14]. inflow [RSB+16]. Influence [SYB97, ARH98, BRS+18, BT05, CO12, EED16, Fai07, HSM16, KS19, KLZM08,
SJ17, S10a, Van07]. influences [Ifi11, Sa07]. Influencing [SYB97, KFN19, KNA11]. influential [HFC01, MB97]. INFORM [vEHvV89]. Informal [BYY87, LF98, MBA+17, Wyn01]. Information [AAH10, ARAS94, B885, BY85, CMM15, CFSS98, DR92, DLG96,
DF99, FSA87, Gla92a, Hab85, Hen95, Hen88, HUMT92, KAL97, KJ04, KJ97, ML03,
MR83, PCG+14, PL96, RF84, SGL93, Tan92, TK95, Tre81, WSN92, WSN96, ZC97,
Zho94, vS96, ABFM12, Bar94, BPO+16, BBDL15, BWM06, CLCY04, CL06b,
CPP13, CK00a, CSW10, Cho04b, Cho05, CC05, CLW05, CCO6, CH10b, CBK02,
DHJ05, FRA04, GLA98h, HLAB99, HBJ+99, HL02, HFRHS90, JAS91, Kam89, Kam80,
KC1+19, Kim07a, KJ01, KHW91, KJL07, LS17a, LK01, LK16, LW02, LK02, LNZ+06,
LS99, LJ09, LWC06, LTW16, MCC02, MCC11, MKH+12, MMA06, MD89,
NDSM0, ÖKT09, ONZ09, PMDH13, PDS19, PWHL06, PB00, PNL07, NQYD11, RNC14,
RC94, ST13, SSvdW99, SKKL07, SHFT16, SYXL17, VM12, WCLL09, WCC10, Wem03,
WRS+17, WB15, XHW99]. information [YAY13, YAT11, ZLZ11, ZJZ11, ZYY+19,
ZMK12, BDGP13]. information-hiding [RC94]. information-systems [Kam89]. informations [AAH12b]. infrastructure [AO16, CX10, CMM15, CL04a, DBL+18,
LLV+09, TG17, WC11]. infrastructures [DST+04, G1Q12, SGKE19]. INGRES

[HMC98]. Inheritance [AHGS92, AGH93, RMC93, HCN00, LH98, Lee07, NCS10,
Phi04, PUPT03, ROI3b, TB00]. inhibitor [SLS08]. Inhibitors [ESWA18]. initial

[MAAC17]. Initiated [HJ90a]. Initiative [DB86]. initiatives [GMMGP15]. injection

[GGK08, PDK+16, RNC14, YXH+18]. innate [BDD+15]. Innovation [ESWA18, CDZ07,
EbAT13, PKB09, ZA15, LMWM18]. innovations [BM89]. Innovative

[ACCD91, ANH07, CMS04, GGS19]. Input [JC15, LXJL10, LT08, RHH18,
SRT+12, SMU98, SED16, WLZ+17b]. Input-based [JC15]. input-centric


[Gla91h, KTF15, MB06]. insights [CTY01]. insourcing [SWA+13]. inspection

[DRW00, FII13, KS04, L00, NL99, SdSGdMn13]. Inspections

[KSH92, BVF04, CTK13, ELH00, PTRW04, TPRW04]. inspectors [MIL02]. inspired [MDO+10, NEM17]. instability

[AL05]. installations [CMK+11]. instance

[LTQ+15, TCK12, TC16a]. instances [YZC15, YXY+18, ZJZ11]. Instantiation

[MM93a, FOSDL04, ODLC07, VPD13]. Institutionalization

[ACS07]. Institutions [GBLA9a, CL14, GLA9a, Gla95c, Gla97a, Gla97e, Gla98b,
Gla99a, Glal00c, Glal00d, GC01, GC02, GC03, GC05, KLA+19, TC096,
WTG+08, WTG+09, WTG+11]. instrument [JC10]. Instrumentation
Internet-based [LWS+03]. Internet-scale [JSM10, SXYW14]. internetworking [VT14]. Interoperability [RCL14, Tre81, CMNA+09, DGP02, MFMcy12, NSD16, GMGTdFR14]. Interoperable [MBV14]. interpersonal [WKbOS17]. Interplay [AJLS10, AC17]. interpolation [FWTC05]. Interpretation [JK12, ADET12, ML03, OMLB16]. interpreted [AMCC14]. Interpreter [BS86]. Interprocedural [XNP07, MM06]. Interprocess [AACL02, IBP03]. Interrelationships [TD80]. interruptions [FGBc10]. Interrupts [Kra93]. interval [LLC+09, LNY+11, LYC14, NG08, YC08b]. interval-based [NG08, YC08b]. intervals [JTM04, TSSD09]. intervention [APT+12, VvSvV16]. interventions [SSMvD16]. interview [AHC+11]. interviews [HJ00]. Interweaving [PL96]. interworking [SKKL07]. intra [LCC+13]. Intranet [Tan00]. intraprocedural [ULN06]. introduced [HHKWB16]. Introducing [Ano19l, Kra91a, Ski13, WBBK18, YMM+19, DL06, HCWN05, TC10]. Introduction [Ano84c, Bas80, Bec86, BCDM06, BCG+13, Cha09, DIB14, FKA16, FOR19, Goe84, GBG10, Har88a, Har90b, IYKO95, JNY84, KB07, Lk02, DGV08, ML18, Mar81, NBM19, OPS11, OP92, PBM19, SS17, TDL+02, WMAS12, WMC17, XST18, ZTP18, dAK18, Ano83, Ano93g, Ano94g, BDV17, CCM12, Cs18, CDW07, CUG9, Fai83a, Fai83b, Fai83c, Fai84, Fai85b, Har93, Har94, KY92, MS79a, MS79b, NBF+19, PS16, Rad84, RId81, SM80, SM81a, SM81b, SM81c, SM81d, SM83, Wil89]. Intrusion [HZ07, LHC96, SKE10, YKC+12, CNLV07, HWM01, HWHM02, HWH+03, LG17, LCLL07, SC09, WBW+06, WZG09, WHC07]. Intrusion-resilient [YKC+12]. intrusion-tolerant [CNLV07]. invalid [CJT04, SLLY17]. invariance [KAS18, yWpNyL11]. invariant [LXCM11]. invariants [CCGdL10, TLL13, WL16]. inventory [CDS02]. inversion [SYT+17]. inverted [Luk11]. Invertible [UUN13]. Investigating [BM00a, C008, HNH15, JWA14, KOS15, MBF12, MCC05, RRD06, SPMG18]. Investigation [Emd91, 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, KKA+19, LMH10, LZ+16, LJS05, LJ99, MNS13, MKL+00, RSS00, dBTdSS08, WDMR99, ZADA15]. investigations [LRB+19]. investment [RS98, vdBSvS+19]. Investments [RS98]. Invocation [Kor83]. involvement [CFMRL11]. involving [JSM10]. iOs [LZHS11]. IoT [CDS19, DS16a, GGB19, WNC17]. IP [BP15, HHL06, Lin07, OSH+18, SSK98]. IP-based [OSH+18]. IPAC [KVH12]. IPv6 [AAH12b, AAIH10, CL13, HLYL06, LY09]. IR [BLUH15]. IR-based [BLUH15]. IRC [HB13]. IRC-based [HB13]. IRIS [Cam00b]. IS/software [Moy00]. ISBSG [dGFDL16]. 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, CCCY17, CUY09, CGA08, FM90b, GH08, Har90a, OPS11, SS17, WCTK12, AC19, ADMK+10, Ano84c, BEZ14, Bas80, Bec86, Bor12, BCG+13, CCM12, Cs18, CLR18, CA14, CL11, CU98, DIB14, Dut15,
Knowledge-Based
[Fra90, KB96, MW95, MP90, 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]. labelled [XYZ+19]. labels [MB06]. Laboratories [HBC94]. Laboratory [BF81, MA89, VM89]. Lagrange [FWTC05]. Landscape [WGO1, KS19].

Language-agnostic [ASMM18]. language-independent [CF13, DNAM05]. language-supported [BK95]. Languages [AM81, CH83, CGD96, FM90b, Gan91, HP92, Kor83, MF90, NC96, PDA86, RMC93, SAA93, TK87, YFY96, ACG15, AMKD13, Ayr04, BBA10, BSB12, PCDG02, PK89, QOLJG16, RO13b, Rom99, SKL10, SMDS16, Spi01, Sto92, TFS10, War89, Wen03, VPdP13]. LANs [BFC92]. Large
[Ara95, Bla87, Di 87, ESWA18, FNWL18, Gom94, HL90, Leb00, MWH97, MWH08, Nit96, OKOM97, Rey80, Sel93, TPTV17, WWC97, WRR93, AHH16, APS16, AM04, AAA11, BLL18, BMES04, BV16, CB16, CJ03, CFN07, CDD+14, CSM15, DvdVA+13, Deu01, DPL16, EEAZ13, EH19, GTF17, HBM05, HY03, JLC04, KY09, KLL11, KKR16, KGT02, KL07, KPG+07, LK01, LCL12, Lin12a, LTK+15, LWO16, LLL14, DPS03, MPST06, MWH01, nPHW16, PWLH06, PFG13, PTF15, RSB16, RVC71, SAH12, Sh17, SVM19, SM16, SGO13, SYT+17, SAN+17, TM06, TTL13, TTWY04, TTO4, TMM19, WK15, WFF18, WWC98, WL05, Wey99, WCV+98, WM99, WB15, XWC14, YMM+17, YMM19, YSK09, ZK13].

Large-Program [Leb80]. Large-Scale [Gom94, HL90, OKOM97, WWC97, APS16, BBL18, BMES04, CSM15, DvdVA+13, Deu01, DPL16, EH19, JLC04, KLL11, KL07, KPG+07, LLL14, nPHW16, PWLH06, PFG13, PTF15, SAH12, Sh17, SAN+17, TMM19, WFF18, WWC98, WB15, ZK13].

largeness [KEK04]. Lascad [ASMM18].

Last [Gla90a, Gla98b]. late [MRS18].

Latency
[SB19, BCA19, KY10, LJC16, LS05a, MJ18].

Latency-aware [SB19]. latent [dBV08].

later [Gla97k]. lattices [JE02a].

laws [CH19a].

Layer
[Leh80, DZRH04, PLCC09, dOSdAdSG17]. laxity [LES11].

Layered
[AC19, ACS07, AD07, AK08, BWB +18, BBD18, Cam00b, CHN19b, CV16b, DGR10, DWC17, FHY17, GAK92, HGBS18, HF08, HPF16, JKL19, KDS +08, KCV +19, LMN10, LNTS19, LG03, MCV16, MB10, NRG08, PBD +12, SSS17, TN05, UIK17, ZR04, ZM06, dSDSNO +14, CB +14]. Linear [RT86, YRN80, ACH19, CAG17, HY01, MPAA15, NHC13, PWH06, dSSSV08, TMM02]. Lines [Dol97, AWSE19, BKS15, dSDSNO +17, BBS10, dSDSG18, CKNL12, ESM +19b, EBB09, FL05, FFV19, GW0 +11, HBS03, KG09, KPS08, KTF +16, LDL07, LG +19, MAGIC +17, MR00a, MD16, NBA +15, ORGR +18, PLHP +15, RTM19, ROR11, SBT19, SHW09, SDSSDNS +13, TBG13, WVT +14, WAG15, WG +14, dOSdAdSG17]. lingual [RMC05]. Linguistic [Sta02]. Link [AAH10, AAH12b, DRCG12, Gla92g, KR16, PSM12, RNC14, SCGL +18, SZS13, WY04, WG +09]. Link-Layer [AAH10]. linkability [WYL06]. Linkage [ZS88, dNPM18]. linked [Kar94]. Linking [BJ03, FPW96]. Links [HRRC16, KBGDGW16, RCPZ19, Zhu04d]. Linux [ABB19, FAB07, Fei12, IF10, LC06a, SMZC12, YSC +06]. Linux-based [ABB19]. LISP [Ng93, YY93]. List [Cam00a, SD94, YRN80, Aba06, BG06, CHY +05, SBZ +17]. Listings [LDN87]. Lists [DT90, CC05, GAW92, LM15].

Literature [GCAH18, LL85, Not85a, SKT17, AAGT16, AKAa18, AVGM19, APW14, Aan09c, AT15, AS16, BWP16, BK515, BMB18, BKB +07, CFL +18, CP15, CS19, DVYP +19, DPL16, DBCG14, EFG +08, GJ16, GNA17, GA11, Gla91i, HIA16, JED18, KGB11, KNA11, LFW15, LL15, MIH13, Man16, MRT17, MY17, MGN18, ML08, MMB10, ORGR +18, PG12, PMB15, PFO +19, RAK15, STA19, TKP +18, TCS18, VLC +17, VCMG17, ZADA15]. Little [Gla90g, RNC14]. Littlewood [Lit80]. live [FGLI15]. lives [TLK +16a]. Living [BR90, RASL12, CFAP17, GMPN16, BHH +12]. LLVM [RSCB18]. LMR [Rav03]. Load [HJ90a, HJ91, HL94a, MCC11, RCD93, SLW +15, Sho91, BVV +10, Boz00, CB00, CV16a, CCH14, CS12, DY15, DLT99, FS19, Haç92, LJL +12, MCC03, NNV17, RwkJK01, TH02, GW0 +09, WOC15, YCF +13, ZK09]. load-balancing [DY15]. Load-Building [HL94a, Haç92]. Load-prediction [SLW +15]. load/extract [TH02]. Local [DT90, D08, CL18, FF12, FLA +01, HC10, JC15, KAU16, LM15, LWW +10, ZZ88, ZLmLN14]. localization [aSRZ +18, XYZ +19]. Locality [TL89, ZG00, KC16, YR09]. Localization [STJ83, Sel93, AZGvG09, DC11, DW14, FP18, GXZ +19, GLOM19, JIC +14, LLW19, MLD +14, PAR14, TXC19, WL15b, WL16, WDC10, YLY17, ZJC +10, ZCT +11, ZS16, ZYZ +17, ZC18]. localize [dSACdLF17]. Localizing [ZW +18]. Locally [CW97, TC06]. located [SHHL12]. locating [WBP +03]. Location [CL94, HLYL06, LLKL04, ZS05a, AACT13, AL10, BLUH15, CFAP17, ES06, IBM11, LU06, LPR04, NCS10, P5806, PXT +13, WSC13, XSL +18, dL13]. Location-aware [HLYL06, PSH06]. location-based [LPR04, PSK05]. location-dependent [IBM11, LU06]. lock [CKyL98, PMWC12]. 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 [BCFG96, Fer93, GMM90, Jm96, KKO07a, KOM88, Kus90, UH96, BMLL14, De97, EBE18, EL07, IS03b, KAO13, KB16, She89, dSSSV08, TL09a, ZC06]. logic-based [BMLL14, KAO13, TL09a]. Logical [MCL +17, Pf97, TT93, AC17, HJ14, YL06]. logics [BR09]. login [CJT01]. Logistic
MM01a, MK90, PM90a, Pul90, RA91, RT93, SGL93, Sag95, Sch81, SW94a, SKV94, SB88, TKSRP11, Tau80, ADTZ12, AH88, AZW07, ASMN15, ADET12, Ano91b, Ban08, dOBWT04, BCS18, BOH90, CB89a, CJT+16, CDI07, CS19, Cha06, CD00, CSaLG02, CLY17, CBG09, CC99a, CM05, CBC+15, CDZ07, CS12, CDPM17, DMV98, DS16a, DIB14, DST+04, DTV09, Ebe07, EB14a, EH19, EGG+11, EBJ17, FY04, FOR19, FN00, GTA09, GGS+19, GGB19, Glad91f, GsdS16, HSM+07, HNS12, HM16, HRN+01, HMC01, HCL+10, HTH09, HH11, JG14, JW06, JJP02, JKWL09, KMSMD08, Ken80, KRC00, Kim07a, Kim07b, KLP10, KG18, KR98, KH12, KJL07, LMvV09].

management [LBS+07, LP00, LNC01, LLKL04, LRS+07, LJL+12, LAL15, LH11b, LKB06, LSaC04, LWC06, MS03, ML03, MPTT14, MGB16, Mcb08, Mcd02, MMTL06, MDMC06, MBT16, Mur99, NKMM12, PL94, PSK05, PCHW12, PPM12, PKR01, Pfi00, PM94, Pvv12, FK01b, Ravy81, RCL99, Sai07, SBGT13, Sta10, SM03, TLW07, TAJ+10, dBTdS08, THWC10, TC12, TMM19, Uzz13, WF07, WDL08, WFWL09, WDC12, Woh08, YAY13, ZDC+11, ZFY+19, ZS08, ZMK12, Bas80].

manager [LP05, SHW09].

managerial [BM89].

managers [ABG02, MN513, Mo00, PV06, RM+14].

Managing [BMB18, CC06, CHCO11, EBB99, FKWH19, GA95, Ha93, JL85, MLS12, PN07, Rev07, Rv91, ZM96, ZKL+09, CW04, CC99b, NC+15, PCHW12, aSRS+11, VAIJ18].

Mandated [SG91].

MANET [LJC16].

manifestation [CPRT16].

manifold [LLWL19].

manipulate [MCTM11, MCTM11].

Manipulation [DHN06, MR83, SD94, OHL17].

Manpower [BB81].

manual [TAS+18].

Manufacturing [NCK+15, TM97, AHW10, FVHF+15, TTL+13].

Many [BBG86, BM96, Gla93g, GZY11, PN14, RRV19, ZOS+16].

many-core [PN14].

many-objective [RRV19].

Map [KPT13, CJ13, OT18, ZT14].

Map-matched [KPT13].

Mapping [KBM18, ASG13, AJ+15, AB16, ADCO18, AM18, APS16, ACS13, AAC+17, AS16, BCFP19, BBND+18, BLTY18, BDM+19, BM00b, CS19, CL99, CMMR18, DLM19, ESM+19b, FGYP17, GMMGP15, GR16, dGFDL16, HP+17, JCYT16, KBJ15, KSI+19, Kit00, KQ17, LAL15, dPL19, MM14, MMY17, MKNS06, Mael19, MD16, NVPGMPS17, PXT+13, PM15, RHL+17, TAF+17, WNC17, WRdMSN+13, YLA16b, ZSG16, ZGYS+15].

mappings [Phi05].

mapreduce [KC16, BGT18, TKL16b].

maps [BAAS13, DEA+14, KOS15, LW13, OD17, PSB01].

MARBLE [PCC1dGP12].

March [WZM12a].

margin [KBM18].

Mark [Do97].

market [HRN+01, LL00, TV18, ZG07].

market-driven [HRN+01].

Marketing [FF87].

marketplace [Jor14, KBRV18].

Markov [WFY+19, AMAY19, BHXN05, LC15, PP04, WCC13].

MARKS [ALT+09].

MAS [GCC+15, dVR13].

MAS-ML [GCC+15].

mashup [LLX+11].

Masquerade [RZPM12, XTZX12, XTZX13].

Massachusetts [LZ07].

Massive [CZH+08, LWZ+16].

massively [KM92, Dem17].

Master [Mi89, TE99].

match [CL98, CL06b, CLC96, KK07b, LC00].

matched [KPT13].

Matching [Kor83, BKLE18, Cha93, CJL11, HBJ+99, HDLK00, KOL+14, LC02, LZG07, MMTL06, MPN+17, Mus03, PM99, WWLG13, YJZ17, Zhan03].

matching-based [LCCH02].

Material [TR89].

materialized [GLWY10].

mathematical [Woo80].

Mathematics [Gla96e].

mating [KHSD10].

MATLAB [HSR01, ZC08].

memory-efficient [Shi17]. MENDELS [UH96]. Mental
[FAI94, LPLS87, KV05, SFM99]. Menu [Art87]. Menu-Based [Art87]. Merge
[Yan94, HCB16]. emergence [ZHH17]. Mergesort [Ver89]. merging
[DEW+16, MKL+15]. mesh [Aba06, Aba08, BMOKAM09, BMAH11, CCHT09, LZ13,
LL14, SK03, WMD+10, YCLC17, ZADM10]. mesh-connected [Aba06, Aba08, SK03]. MeshFS
[YCLC17]. MeSRAM [SM16]. Menu [Art87]. Menu-Based [Art87]. Merge
[Ver89]. merging [DEW+16, MKL+15]. mesh [Aba06, Aba08, BMOKAM09, BMAH11, CCHT09, LZ13,
LL14, SK03, WMD+10, YCLC17, ZADM10]. mesh-connected [Aba06, Aba08, SK03]. MeshFS
[YCLC17]. MeSRAM [SM16]. Menu [Art87]. Menu-Based [Art87]. Merge
[Ver89]. merging [DEW+16, MKL+15]. mesh [Aba06, Aba08, BMOKAM09, BMAH11, CCHT09, LZ13,
LL14, SK03, WMD+10, YCLC17, ZADM10]. mesh-connected [Aba06, Aba08, SK03]. MeshFS
[YCLC17]. MeSRAM [SM16].
MRT17, Ost92, PG12, QHS08, Sai98, SUSO04, SPZ06, TC11, TPKT12, Wie14, WBP+03, Wil89, Yeu00, ZADA15, ZXTT11.

**METKIT** [WBR90]. Metric [Eva83, Gou95, Har88b, HS95, KAL97, MK90, NC96, OHK93, PS90, RY93, SKV94, vS83, AL05, CJP98, CRC19, Hus01, KCAS13, Li98, Li99, MK15a, NJ07, RC94, RB89, dAGSdFS+15, TDK+07, TMD07, VP07, WCL07, YZ05, FS14b, KLL+11, VSD+12]. **middleWARE-based** [LGL08]. **midwest** [Wen03]. **Migratable** [MKMS05, GMCC13]. **migrating** [FGB+19, CCDD00, CFFT08, HL01]. **Migration** [MM95, CLC08a, DG98, FGLI15, GDLB16, GWvD08, ISS98, KKA+19, RRM17, TW98, UZ09, YTW+13, rBHMI17]. **MIH** [OZO+14]. **MIH-based** [OZO+14]. **Mikhail** [Ano90d, Gla90c]. **Mil** [Coo81]. **Mil-Std-1679** [Coo81]. **millennium** [MG04, Sai99]. **MIMD** [ZEB88]. **mind** [OD17]. **mindfulness** [BDPRC18]. **mine** [Gla93f]. **miner** [WHC07, LWBH16]. **mines** [BRG+12]. **minimal** [CCY11]. **minimisation** [YLH]. **minimization** [CTL10, FHY17, LGHR16, WHMP99, ZAY19, ZCC+17]. **minimize** [LUS+00]. **minimized** [PWY+16]. **Minimizing** [BGL13, KTK01, PK01a]. **Minimum** [Chr86, LKL04, LGS+19, WL17, BCL11, CHL11, HWL13a]. **Minimum-cost** [WL17]. **Minimum-Time-Reachability** [Chr86]. **Minimum/maximum** [LGS+19]. **Mining** [CHN19b, LcLSW06, LTT+09, LCC+09, LJJ+12, LLL+17b, MKHLB16, VMB+08, Wu11, YHR03, ZM18, CTOL8, DS12, DZW+09, GNA17, HSC15, HLW13a, KSAR18, KLNS07, LL09, LPR04, Lin16, LZ12, LW13b, LBH16, MG11, MdFD+15, NJ17, NDS13, PCClAP12, PWA+19, RDP+19, SBS+18, SLS+07, SAH12, SJC13, SL+17, SYXL17, TTYW04, TLK16b, TL07, TL09b, TPTV17, WLC13a, YF15, ZMB14, ZJL10]. **Minnowbrook** [Ano84c, Goe84]. **MIP** [GP05]. **mirrored** [VM00]. **MIS** [Jef87]. **Misinterpretation** [Cio91]. **misleading** [Gla86]. **mismatch** [MARD16]. **miss** [BSKM13, BKS14].
missed [SPMG18]. Missing [IAA16, ZJZ11, DZ00, SCGL+18, SA66, TC16a, VK08].
Mission [DB86, CCN+10, DGV+07, LJS05]. Mission-Critical [DB86, CCN+10, DGV+07, LJS05].
mistakes [Mii+07, SCMS15]. misuse [EA12, EA14, KOS15]. misuses [WLZ+17b].
Mitigating [SMZC12, SKZ+04, LMT16]. mitigation [WAWO12].
mixed [CSMC19, CCSC01, CAG17, LKL02, LWSH19, LGR+16, MMTS15, NI13, PGPC17, TB13, XB19a].
MMU [CLY14]. MMU-less [CLY14]. Mobiiscape [KLL+11]. Mobile [ASV+16, AAH10, CBS16, CL13, GBCI11, LLHY19, PMMM11, AR12, AN16, ARS10, AAH12b, AAN+17, AGBD14, AHA12, BAN11, BAH11, BAK11, BAA09, BL11, BCC11, BDD11, BEM10, BCF18, BGG10, BJK+11, BSD14, BDD14, BDM+19, CDA11, CdCAD08, CTL12, CMK+11, CLC08a, CKW10, CC99b, CJO3, CRKH11, Chr16, CMNA+09, CGPT14, DFP+19, DIB14, DPM07, FIGCLN+02, FRGC10, GMB+09, GRBA10, GTA09, GNA17, GFP11, HLY10, HLT09, HLO6b, IN11, JED18, KA16, KSHC14, LCY00, LLK04, LKW+09, LNY06, LKL04, LRS+07, LK04, Lin07, LL14, LZHS11, LKLK14, MDJ+11, MK08, MT13, NLK05, NOPF12, PLBV+18, PSH06, PJ09, PS09, PPN+15, PLHP+15, RHT18, RT07, SM17a, SRWE10, SHN14, SKE10, SHBC19, TM06, TG17, TKA+02, TKH+11, UK17, VSS+06, VSDD12, VA08, VPL+10, WGC02, WBW+06, WF07, WM99, WKN+01, WCB+17, YC09, YSDT11, YH13, YL16, YZ05, YSK09]. mobile [YGN+16, ZSG16, ZK04a, ZSB19, FS14b, LY09]. mobile-cloud [DKP+19]. mobile-commerce [YC09].
mobile-health [LZHS11]. mobiles [GCSAdP11]. Mobility [BCEF10, AN10, BD10, CMS04, HLT09, KLL+11, LHL1a, MEB+10, ME10, WB10]. mobility-enabled [AN10]. Mod [DT90].
mode [CGW08]. Model [AAH+10, AA10, AHGS92, AGH93, Ara95, Bel93, BW93, BY85, BFC92, CD107, DPP+18, EBEL18, EL94, FZHS95, FSA87, FA14, Go80, GOK06, GWvD08, Hao89b, HZ83, HB83, HVK11, H907, HO96, HFK92, Jar93, Jef87, JB91, KP97a, KD91, KP97b, LM94, MAR+19, MKL+15, MGH97, MBPM19, MS10, OB13, PM16, Phi05, Phi81, PBD+12, PS16, PL92, Poo93, Pop92, PL83, PLP04, SL96, SDB16, Tak97, TZ92, UW95, Var91, VT87, WDK+19, WNM86, ZS85, ZC97, Adb13, Aki18, AK16, AdD17, AF16, AAB19, BB14, BSX+18, BHNX05, BV15, BCR+19, BKR09, BHS+05, BGTC18, BCF18, BDS11, BMW18, BRS+18, BP19, BL11, CCGD10, FGB+19, CCC05, CCC0a, CGL+04, CFA17, CELS07, CPW98, CV14, CHLW17, CL05, CMC04, CD10, Cho04a, Cho04b, Cho05, CC06, CH10b, CCGdL16]. model [CHCO11, DEW+16, DLW08, DK15b, DGL+08, DGJ+03, DGWC16, DCT17, DM17b, EJ01, EVR11, EUR+13, FA14, FMG17, FYH+15, Fe12, FKVWH19, FB09, FA13, FWA09, GMS19, GMR08, GMPN16, GMR17, GKS18, GD12, GRT13, GMS07, GFT15, GAWC91, DDF+13, GEM15, Ha88, HTO97, HP16, HA10, HZH+16, HAHH06, HKN+07, HK09, HMC98, HLWS13, JPK04, JJ06, JUS12, JS99, JHSB09, JPD17, KP10, KBG17, KR00, KBH07, KLL17, KD18, KB16, KC98, KSS15, Kuo94, KLGH07, LJC16, LR13, LKRT18, LP93, LS17b, LPM15, LJA+11, LAHS97, Lit80, LNK6, LNO6, LT08, LXC13, LLL+14, LHO1b, LEP19, MCMC00, MR01, MJ14, MGB16, MA09, MAG12, MLD16, MPRS14, MV11, NH13, NR04, NWZ05b, NPC12, NGM08, NB13, OOD09, PLCC09, PG05, PK02b, PB15, PCHW12,
PRS11, PCFRP19, Phi06, PHR10. **model** [PGVRQV12, PW03, RAK15, RHHT18, RKK16, RRT01, RR17, SAMN12, SAM17, SMB0, ST13, SDG17, SZ8, Syst03, SXW14, SSP17, SS14a, SW99, SM08, SZW+16, SGE19, SFM09, SLLY17, SXMY11, SS13, TS19, Tan04, Tan00, TJH07, TKJ13, TAF+17, TN05, TCSO04, TTR+13, TGP11, TSRC18, TMB02, UZ09, UIK17, Uzz13, VM12, Vla98, WHT89, WW09, WKZL10, WDC12, WWSZ15, WTC+15, WD99, Wuz19, WZM12a, WZM12b, WBS+10, WGS+14, WWSS13, Wuo08, WCC13, XTZX12, XTZX13, XB19a, YFZ+16, YC12, YCF+13, YHM+14, YF15, YYL+06, ZML10, ZE03, ZLCY06, ZM18, ZYChP01, Zhu03, Zn04a, Zh04c, dCPV10, AJCM08, FdoL04, MYC10, nQY11, RSCB18, WCY+19, Zha08]. **Model-Based** [EL94, AA07, CID0, DPP+18, Gook9, OB13, SDB16, AAB19, BB14, CFAP17, EUR+13, FVIF+15, FKWVH19, GKS18, KSS15, LLL+14, PG05]. **Model-Driven** [Jar93, PMR16, GWvD08, HVK11, PBD+12, ABg13, Aki18, BKRO9, FG+19, FAD12, FAI3, GMPN16, GMS07, DDF+13, GEM15, HP16, JGDL17, MGB16, PGRQV12, RR17, SAMN12, TAF+17, TGP11, UIK17, VM12, Wuz19, WWSS13, AJCM08]. **model-free** [WDC12]. **model-oriented** [LM96]. **model-to-model** [CCG12]. **modeled** [GJ08, MMP15]. **Modeling** [AAMS14, AB15, BPGS13, BF18, BT97, CC19, CB01, CV09, EI07, Eva95, FS88, FF95, FM87, Gu06, HTO79, HA03, HLC+09, HYJL04, JX07, JLCO4, Kun91a, Kun95, Mai96, Mer87, MiL96a, Mot96, PL07, PG15, Por93, RSCD93, Sak84, San95, SB14, SBM9, Saa3, SP94, aASR+10, TAF+17, VDP13, WC99, WF96, YLX16, Zel96, AHW10, AGC13, APS+10, BM18, BKH10, BDRDC18, BCV06, BW80, BT17, CCW+01, Car94, CW02, DMA18, DY99, DGRN10, DB06, DL99, DAG19, EERK16, FBB15, FCSM09, FCB+16, GH04, HR95, HCC91, HGMB13, Iso01, JOZ03, JZ05, JC10, Kar04b, KMR99, KJS+12, KPS08, KKL+11, KMKY07, KS03, KEK04, KDEK04, Kun91b, LP93, LH04, LGH+17, LSH09, LMD07, LHC+05, MB19, MV10, MGR+13, MNSA15, MNSA16, Nae01, Nav02, OD05, PS05, PFM17]. **modeling** [Phi04, PAS+10, RTM19, RK00, SA14, SÁM+16, S06, SKL10, Sca09, SRDLP09, SJ17, dSSV11, SK13, SWS16, TB13, TGP11, TDB+08, VRPT18, WPC06, WKH09, WS14, Xia00, YWT07, YAKK16, ZH05, ZMK12, BBA10]. **Modelling** [CHN9a, CBG09, Cla86, CP97, ELK06, GPHS07, Ha06a, KNT86, RW01, WB15, WMOKY11, AD14, BR50, CNH19b, Ci16, CFN07, Cov05, Cd18, D01b, ETYL15, GV99, GCC+15, KLRW01, KMK16, MPS+12, MPLL+15, PC10, PL99, PH07, PSG+09, RWR00, SB17a, SS15, SG01, TTR+13, VKL16, Wal05, WL99]. **Models** [CLO95, Dha95, FW97, FAS94, HS95, KMMG91, KL91, KW91, LV97, LL97b, LPLS87, MBCD86, MS97, MD01, MT094, PI95, PS16, Sta85, Tau92, Tör90, ZEB88, APM+14, ASV+16, AHB19, AMCC14, ADET12, AKA+15, ABG02, AF16, AGR19, ABJ10, ACGS+08, AMGG14, AK15, BG09, BAMA1, Bi03, BGL13, BWH10, BLS06, BSG+18, CdAM+14, CC+18, CGP+05, CHN19a, CLS+12, CPD+12, CRK+18, CFM+16, DC16, DRELH16, DA07, DZT+14, EA12, EA14, EGG+11, FDÁM12, GVPPM18, GBL08, GG+18, GTA14, GMS07, HGBS18, JHBJ10, HBT16, HBVG08, HFC+01, Hua05a, Hua05b, IWF07, JED18, JHSB09, JZ07, JK12, KSH05, Kim12, KL15, KM13, KH06, KV05, KBF+16, LWB+13, Lin01, LH08, LHP+09, LHP+10, LHLG+15, LMYM08, MW12, MGB03, MDFG08, MGGL12, MA08, MA10, MPAA15, MHS09]. **models** [MO84, NTT19, NHH+12, NG08, NBF+19, 65]
OFWP07, PMR16, PN14, PPG+13, PS00, PFFT12, PP04, RSB+14, SC99, Sai07, SPIR17, SFJ04, SWK06, 3NDD19, SGO13, SH07, RPM03, TIP+06, THG07, TTL+13, TVK95, TKCR14, TGE17, VMB+08, Wal05, WMW12, WPP+09, YAKK16, Zel09, ZYA+18, ZKL+09, LHI10.

Modem
[YCA17, BM00a, VAM+10, Gla93b].

modernization [CRESF+13].

modernizations [SDSLS+19]. Modes
[Sub93, Fug99]. Modest [Mat86].

Modifiability [LBV802, Loh84, BLBv04, CRFC+18, LHI10]. Modification
[AHG05, HCS09, LCLF13].

Modular
[BRD10, DYP03, EL88, FW00, HCC91, HLO0a, SSD19, dRT06].

Modularity [VHF17, DB12].

modularization [NMM13]. Modularized
[HL00a]. Module
[ARc81, Bow84, Loh84, OHK93, PDN86, RS80, ZSG93, EB14c, KS16, Leu97, LHC+05, MR80b, PKR01, TM98].

Modules
[BMS84, KL95, PBC93, BT05, EE08, KT03, LCO0a, MTF14, MA17, SH98, TNA01, XNP10]. modulo [SYT+17].

modulus [CSW13, LIC10, WWTH08].

Moitree
[DKP+19].

moment
[GP13, TPKT12, yWpNyb11].

moment-based [TPKT12].

MOMM
[MKL+15].

Monetary
[AB10].

Monitor
[TT93, Zho93].

Monitoring
[DFCP15, HO96, LCF+06, JTJ+18, YRN80, BRG+12, CZdV98, CLY17, CLF+13, ESI4, JR15, KKG+12, KLL+11, MLLK11, MB10, OLM13, OA08, PZ15, RGV+17, SYBN12, SZ11, VRG+16, WWY+12, ZS05b].

monitors [HL00a]. monolithic [LZJ+19].

monotone [SD16a].

MOO
d[RSBA13].

Moral
[Co192, Lue92]. morphology
[Mus03]. morphology-driven [Mus03].

Mortem
[Hag91, AS10].

Mosco
[AGBD14].

MOSIS [Ayr98]. MostoDE
[HRHC13].

MostoDEX
[HRHC15]. motifs
[WFY+19].

motifs-based
[WFY+19]. motion
[ZYE04].

motion-based
[ZYE04]. motivate
[VBC14].

Motivating
[LMWM18].

motivational
[MPS+12, dSF12].

Motivators
[BH02, BH03].

move
[TVS18].

movement
[NCS10, TL09b].

moving
[IBM11, KLL+11, LPR04, LS07, Lin12a, RVM06, URG10].

MP
[CM86].

MPEG
[DK08, DK08]. MPEG-7
[DK08, DK08].

MPI
[DCH02, TK119].

MPLS
[CTW12, LL10].

MPSOC
[JSB90].

MPSOCs
[NE17].

MRP
[LPJ09, MM0b].

MRRL
[ED06].

MSc
[BHR89].

MSE
[Mii89].

MUDABlue
[KGM06].

MULAPI
[XSL+18].

Multi
[AM16, BLS18, CTL10, DMA18, FMD16, GRT13, HMI16, LAT10, LyWS10, LKL05, MS1b, MK15b, PSS+16, SRE10, SFJ04, WGY+08, WDMR99, ACL13, ABYB+14, BBG+04, BV15].

BPO+16, BM17, BMW06, BCS18, CCW02a, CET+08, CLL10, CW12, CW12, CYT16, CKT15, CAG17, CKNL12, CV16b, DCH02, FHL+15, FMP99, FWTC05, FV19.

GMP16, GCC+15, GAWW07, GZS+18, GGM11, HCB+16, HLW08, HSM16, JZL07, JLY14, JXL15, JS16, Jun00, KBZ15, KM11, KMG12, KAM13, KS16, LHI10, LBS+07, LcLSW06, LKP13, LS14, LKG10, LSH09, LJN96, LQC+14, LZG15, MLHL12, MV18, MMZ17, MGB16, MIBV14, NX00, NCW+19, OKS+15, PLC09, PB15, PHC12, PK10b, PGPC17, PA99, PWA+19, PHB17, RM05, Sal17, SPTM15, Shade9, SO13, SHS16, SA18, SJS13, TKP+18, TLL12, TL09b, WVT+14, WC07, WDC08, WDC12, WX15, WC+98, WX10].

multi
[YFZ+16, YFC+13, YCC16, YLXZ16, YH10, ZMB14, ZJ+17, ZCC+17, ZP17].

multi-agent
[BM17, BW06, CET+08].
CNKL12, GMPN16, GCC+15, GGM11, JZL07, JS16, LSH09, MIBV14, PLCC09, PA99, SPTM15, ZMB14. multi-attribute
[BV15, KAM13]. multi-byte [Kim12].
multi-category [YFZ+16]. multi-channel
[MLHL12]. multi-class [GAWW07].
Multi-cloud [MS17b, CAG17, WCX15].
multi-collinear [LXG10].
multi-component [BCS18]. multi-core
[CYT16, CKC15, 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, HILW08, LeLSW06, LOQ+14].
Multi-disc [KLK05]. Multi-faceted
[LAT10]. multi-GPU [HCB+16].
multi-granularity [Jun00]. multi-homing
[HS16]. multi-hop [CW12, JXLC15].
multi-item [CLL10]. multi-keyword
[GZS+18]. Multi-layer
[CTL10, SRWE10, WGY+08].
multi-layered [BPO+16, LBS+07, MGB16].
Multi-level [BLS18, HM16, PK10b, SaL17, TL09b, ZJZ+17]. multi-lingual [RMCO5].
multi-members [JLY14]. Multi-method
[WMR99, SHS16]. multi-model
[PCHW12]. Multi-objective
[ARMC16, PSS+16, CV16b, FFV19, KS16, LHH10, NCW+19, OKS+15, PWA+19, YH10, MKL+15]. multi-organizational
[FMP09].
Multi-paradigm [DAMA, LJM96].
multi-party [AGBYB+14]. Multi-party
[LYWSZ10]. multi-precision [LK13].
multi-process [WCV+08].
multi-processor [DCH02]. multi-purpose
[KM11]. multi-rat [MMZ+16].
multi-relational [SZS13]. multi-release
[YLXZ16, ZP17]. multi-RSU
[ACL13, ACSC16]. multi-secret
[CW14, FWTC05]. multi-server
[NXS00, TLL12]. multi-signature
[Sha09, WC07]. Multi-sprint [GRT13].
multi-step-ahead [YCF+13]. multi-target
[SA18]. multi-tenancy [KBZJ15].
multi-tenant
[LZG15, MVLJ18, PHBJ16, WVT+14].
multi-tier [WDC10, WDC12].
multi-vendor [SCO13]. multi-vocal
[TKP+18]. multiagent [VAM+10].
multibit [KPS10]. multicast
[JCJ99, JXLC15, LT07, LZ13, LL14, MV10, TTC04, ZYSL12, ZADM10]. Multicasting
[Ha94, WGW+09]. Multiclass [MR86].
multicluster [ZLD13]. Multicomputer
[AM87, CS99]. multicomputers [ABA06, AB08, BMOKAM09, KHO7, RWWK01].
multicore [HH17, LFCL12, OB13, TC16b].
multicriteria [SL10]. multidimensional
[HWML04, ZXT11]. multidisk [GAK92].
Multiflavored [GDB88]. multigranularity
[CMT05]. multijson [vdBK94]. multilayer
[NHC13]. Multimedia
[DK08, HLT09, BRMA+09, CCCT06, CCSC01, CH05, CL99, DLB04, GFP11, GL05, GPL+15, HKW00, HYS10, IL02, HYL10, LTK+06, LLK10, LG05b, MV05, MV06, PK02b, TVA04, TTC04, YF04, YWTT11].
Multimicroprocessor [GDF86].
Multimode [KNT86]. multinomial [SA06].
multiobjective
[PLPH+15, YG09, dCPV10].
Multiparadigm [HL93, Ng93]. Multiparty
[Cho95]. Multipath [ZX94]. multiplayer
[CMK+11, Dun17]. Multiple
[CHB94, Delta92, KSM+16, MBC06, TKU93, ACL13, BAI+14, BVFO4, CLLC96, CCF+04, CHL11, CK02a, Deu01, GZS+18, HOL12, HYL13a, HKY01, HSS10, JKC19, KMSM08, KC09, Lee07, LSV+06, Loo05, NSM17, OSG98, OW04, PPG+13, PC02, Rog89, DM07, SJ04, ST09, SC19, SK10, TB00, TCC02, WL15b, WH15, ZWF+18, dRSA13, vHAT13]. multiple-base
[HLC12]. Multiple-Bus [MBC06].
Multiple-case [KSM+16, vHAT13].
multi-GPU [BA14]. multi-level

nAIT [DH09]. NAND [LKW+09]. narrative [Ay98]. narratives [BS12]. NASA [DB06]. NAT [CJ09]. natal [Gil88]. national [NLSK04]. native [HL09, KQ17, PDK+16, SVMAM04, YGN+16]. Natural [BYY87, Bra96, Maz81, BKS15, CAHV15, JMM99, KMWL12, SA14, BFLP09]. Nature [Gla90g]. NATURE [FS05]. navigation [BPGS13, LK13, OSG98]. near [BKSM13, BKS14, CL17a]. nearest [BKSM13, BKS14]. nearest-optimal [CL17a]. Nearest [Zha12b, Cho13, HKS+17, LSZ+07, LZ12]. Nebo [EMBS17]. necessarily [LF98]. Necessary [BM96]. Needles [dOBF*19]. Needs [AM81, Bev99, CR89, GGT+19, MDC12]. negative [CPZ14]. neglect [OBS+18]. negotiats [HCWN05]. neighbor [Cho13, HKS+17, LZ12, Zha12b]. nested [DH09]. Nested [FN85, HW94, HC86, LC05, MMBC00, PC01, RQD+17, TMB02]. nested-visualization [RQD+17]. nesting [HB89]. Net [GP94, KP93, KP97b, LM94, LL97b, PfD97, Var91, AW91, CCC06, FYCL13, JR90, JS99, KDK04, LP93, SC88, LKL10, RR09]. NetBSD [YSC+06]. Nets [Chrs86, Coo90, FN86, KH96, Sch91, SBM94, vD93, BHM12, GKP98, HCC91, Khr99b, OH15, PPM12, dSSJ90, BM07, CR06, HAO3, PdF97, Phi06]. Network [AO16, BP86, Bls87, GMGdF14, Hac93, JXLC15, KL95, LS09, LG97, MR86, SW93, SB19, Uhm97, AN01, AADAD02, BKLE18, BAI05, BHHN05, BDMK03, BRG+12, BLM+08, CCW+01, CLL05, CCH14, CC01, CBZ+16, CJ03, CL15, CL17b, CE08, DY15, DGV+07, DRCG12, DST+04, DAR14, DCT17, FS06, GTA09, HY11, HST16, HB13, HLYL06, HCC05, JLY14, JLYK09, JCC05, KY10, KR16, KSHC14, LH11a, LG17, LCL107, LL10, LLV+09, LLH+16, MB19, MK15a, MJZ+10, NS00, NJ17, OS09, OK11, OZO+14, PNL07, SMZC12, SS+09, SK13, SH07, SC09, TJK15, TAF+17, TSCB19, TAB+16, TCC04, TCCH12, TT10, WHC07, YCL17, YLL17, ZHS01, ZK04b, ZCT+09, MMTS15]. Network-aware [AO16]. network-based [BKLE18, BRG+12]. networked [ADMOK+10]. networking [DJW08, HC04a, KPT09, LK90, PS12].
SCGL+18, YAT11, Zhu06]. **Networks** [ACSC16, BBG86, DHP86, FWD97, Hač86a, MWH97, MWH98, Nit98, PH93, Tsu85, ZK85, AAMS16, AMAY19, ACL13, AM04, AC16, BPM06, BMAH11, Bar15, BMES04, BCLW11, BND14, Boz00, BLM+08, Çam99, CddR+16, CBS16, CLC03, CC08b, CSW10, CK10, CTHW12, CW12, Cho13, CL13, CFN07, DBL+18, DGV+07, DBCdP11, EEAZ13, ECRVMS11, HBG+13, HST15, HWHT11, HC01b, HHL06, HLT09, HSS10, JLYK09, JXLC15, Kar04b, KLP10, KPSK09, Kor99a, KCV11, KMOS09, KV05, KRCK08, LS17a, LCC10, LT09, LY09, LT11, LZ13, LL14, LWOY16, LWL+16, LWC+18, LMA15, LKK14, MLHL12, MCC+18, MLK11, MMZ+16, MBM+09, MO, MLD16, MHW01, MC10, MDO+10, MT10, MKRO14, MARD16, MAAC17, NAK10, NNV17, OZO+14, OH15, PZ10, PV94, PD12, RNC14, Rav03, Rog89, SM17a, SHN14, SMS11, SGBCP12, SZS13, SHH+15, TM06, TNJH07]. **Networks** [TQ05, TPN+09, dBTdSS08, TL07, TL09b, VVS99, WF07, WGY+08, WG+09, WHYT06, WMD+10, WMOKY11, WCC13, WOC15, XZP+10, YH19, YZ05, YSK09, ZADM10, ZYY+19, AAJD+16, CDRT13, DFCPSF15, GMGST14, SXWY14].

**Neural** [FWD07, KL95, LMA15, SH07, CCW+01, CE08, DBL+18, DRGC12, EEAZ13, KCV11, KRCK08, KR16, TQ05, dBTdSS08, ZYY+19].

**Neural-network-based** [SH07].

**Neural-network-based** [LCF+06].

**Neuro** [LCF+06].

**Neuro-adaptive** [LCF+06].

**Newcomer** [TTC18].

**news** [CT08, KP10, LHLY05, LQ+C+14, TPTV17, WKBOS17].

**Newsmonger** [MK00].

**next** [CRK+18, GL89b, PS15, SaI09, TLK+16a, VRPT18, VPMVM+13, DRCA+19].

**NFV** [KMK17].

**NN** [SSL08, Zha12b].

**No** [Ano87d, SBAH17, ED06].

**no-state-loss** [ED06].

**NoCs** [MV10, MV11].

**Node** [IMM95, CLY14, MK08, NJ07, TLK+16a].

**Node.js** [KTK19].

**Node** [TLK+16a].

**nodes** [BMES04, BK11, GAT15, MKRO14].

**noise** [CKS15, DEA+14].

**Noisy** [LZ12, VK08].

**Non** [ABB15, HY01, KW00, Sch91, ZCT+11, ACH19, CTKT13, CHN19b, GL96i, GL97, KWME99, KOS09, LC07, MB09, MPA15, MJ+10, NSD16, PN14, PC01, PGVRVV12, DM07, XZAR06, ZWX+08, ZLD13, ZL17].

**Non-blocking** [KW00].

**non-boolean** [CHN19b].

**non-coherent** [PN14].

**non-crisis** [Gla00j].

**non-dedicated** [ZWX+08].

**Non-functional** [ABB15, MB09, XZAR06].

**non-goal-oriented** [GL96i].

**Non-linear** [HY01, ACH19].

**non-orthogonal** [LC07].

**Non-parametric** [ZCT+11, MPA15].

**non-perfect** [DM07].

**non-real-time** [CCSC01, KOS09].

**non-redundant** [PGVRVV12].

**non-repudiation** [KWME99].

**Non-Sequential** [Sch91].

**non-stationary** [MJZ+10, ZL17].

**non-uniform** [PC01].

**Non-blocking** [WM96].

**Non-change** [GL96i, GL97k].

**nonclairvoyant** [ZK09].

**non-contiguous** [Ab98, BAH11].

**Nondeterminism** [DS92].

**Nondominated** [Nei97].

**Non-exceptional** [TB05].

**nonlinear** [GSM+15].

**non-parametric** [SD16a].

**Nonprogrammer** [OS87].

**non-repudiable** [HWW01, YTH04].

**Nonuniform** [PH93, SC08].

**Norm** [BT05].

**Normal** [SKS96].

**Normalization** [MI98].

**NoSQL** [DII+17, DK15b].

**Nosv** [RDQ+17].

**Notable** [Spi01].

**Notation** [AHBA19].

**notational** [HCL12].

**notations** [HR96].

**Notation** [Tai93].

**Notions** [Mot96].

**Novel** [CNSG12, HBT16, KSRD10, LWC07, CNL13, CH10a, CBZ+16, DS16a, GSN+15, HLLS13, KBD09, KRI17, LC10, LH01, LXC11, LGH+17, LWZ10, ...]
LNW11, LNY11, LWW10, LLC17, LY18, MCC18, MRBN17, OY16, PZB10, RJHKK08, ST13, mSgFtL05, SSM09, SSP15, TVMS18, tJ12, TTWY04, TTC04, TW07, TT13, TTT14, WgZ12, ZGL10.
novice [CCP18, CDS19]. Novices [YN91].

NPath [MM92]. NPP [KSS03, YS02]. NT [AS01, LCH04]. NT-Swift [LCH04].
nuclear [YKC05]. nucleus [HHC12].
null [CBSM16].
NUMA [CYT16, WW97, WW98, WW00].
Number [Cai98, MIUM12, MM01b, SYT17].
numbering [Ano19l]. numbers [ANC11, Gla95f].
Numerical [LJ16]. numerically [EMBS17].

O [FTC16, KL96, MD91, SMZC12, SC19].
Object [AC97, AHG93, ACDF01, Bar94, BW93, BC94, CG104, CH94, Dav95, EHS93, ES97, Gla96g, Iso01, JB91, JH99, KO95, KS96, KSW93, KN97, Km95, KGH96, LH93, MWH98, MS90, Mi96a, MO90, MD89, Moy96, NC96, Ng93, PM90a, PBC93, PD98, RA96, RMC93, SW93, SCG93, Sei89, SW94a, Sta93a, TL96, UW95, WR93, ZS88, Al12, BK95, BPSK18, BWDP00, BF96, Car94, CzUB99, CPW98, CLSC98, CC94, CL04a, CZC98, CL15, CL17b, Cho04a, CD18, CCMOM19, DRSR03, DA94, DH96, DIP98, EMM01, EVR11, EB14c, FBB12, FN00, FTSC12, FC100, FS05, FPW96, GRRX01, GV99, GP96, Har97, HCN00, HL94b, Jia99, Jun00, KCAS13, KLT07, KS19, KR16, LS92, LP93, Li98, L99, LS07, LJS05, MB90, MJ14, Mat96, Mer13, MT98, NQ98, OAC11, OB13, PL94, PSB01, Phi04, RJ94, RU98, RS00, Rom99, SPK99, SNBH08, SKL10, SH17, SW96, SSSA17, SSS17, ST01, She02, SS98, SMCL96, SK02, SC01, SPMS03, TA02, TQ05, TK00, TMD07, TH02, TL07, TL09b, UhCLS94, VVT17, WT01, WK88, WDMR99, XNP07, YLC18, ZEY04, ZL07, ZXL10, Cha97, Gl93c, Gla94f, Got93, GHKR04, dAGSdFS15. Object-based [CGL04, BK95]. object-linking [FPW96].

Object-Oriented [Moy96, Gla96g, Gl93c, Gl94f]. Object-Oriented [AC97, AHG93, BC94, CH94, EHS93, JB91, KO95, KSW93, KM95, KGH96, LH93, MS90, Mi96a, N96, Ng93, PM90a, PBC93, PD98, RA96, RMC93, SW93, SCG93, Sei89, SW94a, Sta93a, TL96, UW95, WR93, ACDF01, Bar94, Dav95, ES97, Iso01, JH99, MO90, MD89, AI12, BK95, BPSK18, BWDP00, BF96, Car94, CzUB99, CPW98, CLSC98, CC94, CL04a, CZC98, CL15, CL17b, Cho04a, CCMOM19, DRSR03, DA94, DH96, DIP98, EMM01, EVR11, EB14c, FBB12, FN00, FTSC12, FC100, FS05, GRRX01, GP96, Har97, HCN00, HL94b, Jun00, KCAS13, KLT07, KS19, KR16, LS92, LP93, Li98, L99, LS07, LJS05, MB90, MJ14, Mat96, Mer13, MT98, NQ98, OAC11, OB13, PL94, PSB01, Phi04, RJ94, RS00, Rom99, SNBH08, SKL10, SW96, SSSA17, SSS17].

object-oriented [ST01, She02, SS98, SMCL96, SK02, SC01, SPMS03, TA02, TQ05, WK88, WDMR99, XNP07, YLC18, ZL07, ZXL10, dAGSdFS15, Chu97, Got93]. object-relational [Phi05, TH02]. Object-Z [GHKR04].

Objectives [AMC16, CV16b, DRCA19, FFV19, KS16, LH10, LY18, NCW19, OKS15, PSS16, PWA19, RR19, YH10, CZUB99, MKL15].

Objects [MS97, PL96, WM90, CRC19, CDDF99, GAWC91, HL02, IBM11, IS03b, KLL11, Lin12a, Pon06, RPM06, SM09, SJ17, ZMAER99]. Oblivious [MX11]. Obscured [DM17b]. observation [CV16a, WHY12].
Observational [YBE17]. Observations [CBT+14, IS03a, KWS+17]. observe [ZHS01]. observers [JL04]. Obsolete [Hab85, Gla92c]. Obstacles [DCP12, GS&S16]. obtaining [CHL+13]. obvious [Gla95e]. OCCAM [BdADH94]. OCCI [MBT16]. occluded [ZERO00]. OCL [CT09, CCR14, KBHG17, OT17]. OCL2Trigger [AJCM08]. Octopus [BSG12]. ODC [CPR13]. ODCHP [PC01]. odd [Ano94e, Gla94c]. ODMG [LLK05]. ODMG-compliant [LLK05]. Odyssey [BWM06]. Odyssey-Search [BWM06]. off [AHC+11, CFMRLL11, ELK06, PJ09]. off-chip [ELK06]. off-the-shelf-based [AHC+11]. Offloading [CC+19, AR12, AS+16, DSGS17, RHHT18, YGN+16]. Offs [GA95, Bat08, SPCT18]. Offshore [SWA+13, KNA11]. OLAP [PKL03, SGW+15]. old [Gla95j]. OMG [BCF18, HBG+13]. OML [OHS01, OD05, ZPEL01]. omnipresent [AHH+10]. Omniscient [BLC+18]. OMT [HK98]. On-demand [HST15, DR12, HST16]. On-line [TN05, Çam00b, DWC17, FHY17, ZM06]. once [CB89a]. One [BMS11, CL97, FN86, LYX09, Reî87, AAN11, JZ07, KMS04, KM13, LW13a, MT10, OR00, ZL12a]. one-block [ZL12a]. one-level [MT10]. one-part [JZ07]. One-Place [FN86]. One-step [LYX09]. One-time [BMS11, LW13a]. one-to-one [AAN11]. ones [Gla00k]. Online [SGEK19, VPL+10, CL17a, Dan17, GSM15, KH10, LF+06, MCS+12, NKT09, PTK00, TH05, YCWW15]. only [Gla98k, HRB12]. onto [AO16]. ontologies [FdSdP08, HS11a, LPP+10, RHRC13, ZL10]. Ontology [MCS+12, YSG17, AACT13, BLLGSMB11, KSAR18, MJF10, OHS01]. Ontology-based [YSG17, MJF10]. OOD [BDGR01, CBKK08, JMM99]. OODBMS [HLMB07, LLK05]. Open [CF07, CdL18, FG94, Fug03, GPPT16, AW07, ACB18, ALRP16, BCG+14, CLL05, DFCPSF15, DST+04, ESM19a, EB14b, GDLB16, GW10, HBR19, JBSL12, KTF15, KKT17, KHMA12, KKA+19, KK17b, KL07, LRD+19, MMCB00, MSB+02, NPC12, PLCC09, PAB+17, PPS12, RA16, RNR17, SLS08, SA12, SM08, SSA08, SG12, TDK+07, VGSN18, WFF18, YLXZ16, YS+06, ZE03, ZFY+19, CFMRRL11, GL14, KGL06, LMWM18, LLS11, MP12, Shi12]. open-source [CLL05, KL07, RA16, WFF18, YS+06]. OpenBSD [YSC+06]. OpenFlow [CC+16]. Opening [JBSL12]. Operative [DSGS17, NEM17]. OpenPGP [MBB11]. OpenStack [ZFY+19]. OpenVPN [LLV+09]. OPERA [CLL05]. operand [LSC04]. Operating [ERF19, 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, Bai05, OD10, OKMD12]. Opportunities [SBAH17, AZX14, ACW10, BDO11, CDPM17, LAH+16, MBL+99, Oja16b, SFJ04, TVMS18, TE99, TC10, TC11]. optical [CB89a, LYX09, WGY+08, AT18]. Optimise [CF07, CdL18, FG94, Fug03, GPPT16, AW07, ACB18, ALRP16, BCG+14, CLL05, DFCPSF15, DST+04, ESM19a, EB14b, GDLB16, GW10, HBR19, JBSL12, KTF15, KKT17, KHMA12, KKA+19, KK17b, KL07, LRD+19, MMCB00, MSB+02, NPC12, PLCC09, PAB+17, PPS12, RA16, RNR17, SLS08, SA12, SM08, SSA08, SG12, TDK+07, VGSN18, WFF18, YLXZ16, YS+06, ZE03, ZFY+19, CFMRRL11, GL14, KGL06, LMWM18, LLS11, MP12, Shi12]. optimisation [GA13, FG05, PACH15, RRV19, WRTP+13]. Optimistic
Optimization

[BKS85, wLyLH97, CKyL98, JFG07].

Optimization

[BRMA+09, Pot13, ADMOK+10, ALRP16, ÁRMIC16, BLM10, BZ14, BAI+14, CDC09, CPYZ14, CHL04, CK02a, CAG17, CV16b, ELHC13, GRT13, GCSAddP11, KHSD10, KAM13, LSE12, LZCL19, LLHY19, LLZW14, LCL+12, MCL+17, MdOBW+15, MBAG11, MAG12, MRJD+12, PS15, PCC02, PK02c, PRN17, RCCVB11, RGH17, San16, Ski13, SGO13, SWES16, TJH15, TXLC12, TWW+14, ÜDUG04, XJZ+15, YTW+13, YYWW07, ZCT+09, ZYZZ14, Zha16, dCPV10, dRSBA13, vdBK94, AZ11].

optimizations [VP07]. Optimize [AN16, AKL14, LVVTP17, MS03, MAS13, RMCH+14]. Optimized [DHC+11, DRCG12, GWW+11, KCV11, YF15, ZDC+11]. Optimizing [HYC02, HLL01a, LQW+12, QOLJG16, BM18, CT13, C¸T13, CCSC07]. Optimum [Leu92, OG80]. options [¨OKT09, WOH08].

oracle [JCK+17, KAS18]. oracles [CL18, CCHT09, PW18, RG10, ZTPT18]. ORB [WCLK07]. orchestrated [ABC+13]. orchestrations [TTC15, ZTC16]. Order [BP86, KML94, LPP15, CC08, CPYZ14, CHL01, LQW+12, QOLJG16, BM18, CT13, C¸T13, CCSC07]. Oriented [KLT07, KS19, KKH+16, KSH05, KKK08, KC98, KR16, LJB05, LS92, LP93, LC00, LCL04, LL06, LMNI0, LVMM07, LMGHB17, LML18, LML19, LS07, LS05, LM96, LLL+14, LN13, MJ10, MLB09, MH14, MTF14, Mat96, Mer13, MPS+12, MPP+15, MT98, MO90, MGyFGCB10, MD89, Mø90, NFM01, NQ98, NBR+13, NGC02, OA11, ONS08, OB13, PL94, PNJGF12, PSMB01, PL99, Phi04, PFF12, POT13, PHBJ16, RA04, R08, RS00, RV91, RM99, SCS15, SGP12, SNBH08, SKL10, SdSLS+19, SW96, SSSA17, SSS17, ST01, SHE02, SS98, SMCG06, SK02, SC01, SPSM03, SL01, SWES16, TA02, TKK+19, TQ05, TM98, THWC10, TMD07, UZ09, VP07, WJ99, WXY+17, WZM12a, WZM12b, WKK88, WDMR99, WHHT08, XNP07, YLC18, ZWM+18, ZL07, ZKL10,
Zhu00, dOZR +04, dVRB13, KCS08, dAGSdFS +15. original [CL06]. origins [BWW +18], ORL [UhCL94]. orthogonal [LC07]. orthogonality [RF08]. OSA [TDK +07]. OSA/Parlay [TDK +07]. OSS [BWP16, KTK19, ZCC +19]. Other [MS97, Gla00j, RGBM06, SC14, YL06]. Our [Gla92h, WLL17]. outage [DM17].

outcomes [CBAV16, FRM15]. Outgoing [Car08]. outlook [DFG +13, Rav81]. output [KAS18, SRT +12, SMU98, SED16].

outsource [SYT +17]. outsourced [DvdVA +13, ZML17]. Outsourcing [Gla00e, AV12, AK16, BVN07, BWP16, DPvV19, Jsr14, KNA11, ZHAY12].

Over-confidence [JTM04]. over-fitting [WQJZ10]. Overcoming [Che17, CDP05].

overflow [CCD19]. overhead [MA09]. overheads [RwJK01, WWC98].

overlapped [MK16]. overlay [DY15, MARD16, SSM +09]. overloaded [JEEL16]. overloaded [MA09]. overloaded [Rot89].

overriding [Rad04]. Overview [AF96, Ber91, CBOR88, IKCN91, CBT +14, EGM +11, Kam95, PK89]. owned [GAWC91]. owners [GZS +18]. ownership [CL08, HH06, Lin01]. Owns [Har95].

P [BRC09, LJD10]. P/S [LJD10]. P/S-CoM [LJD10].

P2P [SSP +15, LLIW12, LZ06, OK11, SSP +15, ZXTT11].

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


Packaging [Bas97, VJB06]. packed [LZL +18]. Packet [GFP11, BP15, ELK06, FGBC10, HHL06, HCC05]. page [CN04, LCC02, LSA01]. page-coherent [CN04]. Pager [WLC95]. pages [DH13, Pon06]. paging [HH05, WW00].

pains [EZG15]. pair [CCG +07, CRSS14, Müll05].

pair-programming [CRSS14]. paired [LWBH16]. pairing [BBC +08, RZL +18, Shi10]. pairings [Sha07]. pairs [Müll07]. Pairwise [LPP15].

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


Papers [KT16, Ano92d, Ano93b, Ano93c, Ano93d, Ano96m, Ano02a, Ano02b, BCL +18, Bor12, CL11, DHKV06, GH08, LH12, Mar81, Sai09, VE03, Gla86].

para [BG09]. para-consistent [BG09].

Paradigm [GHC91, Sah94, DMA18, DGJ +03, EL07, LJS05, LJ96, MB97, SPK99]. Paradigms [Moy96]. Parallel [AT97, BP86, Bel93, BAH96, FG93, Fra86, Hač86a, HL94a, Hay86, IMM95, JWT17, KM92, LZ97, MEH05, MPS86, MIIH92, RT86, Sho91, SP94, Tan96, Won93, WNHM86, ZENA93, AHW10, BAI +14, CLX +04, De97, EMBS17, GE15a, GTY12, Has98, HCC91, HBVG08, HSR01, JE02b, LF91, LZY +15, MCC02, MCC11, OFWP07, PDBD18, RG10, SK03, SMCL96, SMU98, SPDT06, TS19, TGKL19, TLK16b, WT01, WWYZ11].

Parallel-Processing [Hay86]. Parallelism [Ban86, FN85, Tri86b, CBL +15, HHO0, OWB11, PC01, Vla98]. parallelization [LAH +16, MDBC17, NEM17]. parallelize [CCW02b, XPB11]. parallelizing [LC05].

Parallels [HD84]. Paramedic [CM92].

Parameter [PQLN04]. Parameterized [NM93, MHW01, NTT19]. parameters [KLB15, MAG12, PG15]. Parametric [JB91, Krä91b, GVPVM18, LGS +19, MPAA15, NGM08, ZCT +11]. parametrized [JFC08].

Paramita [JC98]. Pareto [NCW +19, YH10]. parity [CSS10].

Parkinson [GMP16]. Parlay [TDK +07].


Parsing [Hee90, KK85, MGH97, vAW93].
AACT13, DDGR09. PART
[HL^+99, MV^95, Mot^96, JZ^07, LKRJ10a, LKRJ10b, BKW10]. Partial
[EC^98, LV^B^93, Rey^84, Rod^06, CC^02a, CL^9C96, CH^1L11, EMB^85, KVT^+17, MCK^A18, Rey^89, SPD^T06]. Partially
[KD^91, SB^T91, CZ^L^07, HR^B12, HH^O8b, HC^04b, HY^03, HY^Y^K10, WL^05, ZC^05]. partially-ordered [JHY^K10]. participant
[AL^10]. participating [CH^10a]. participatory [CR^KH11, Chr^16, DE^A^14]. particle
[BE^81, Gl^E^97, KC^96, CH^10d, JC^02, KSEN^M^17, KPT^09, LO^04, MCC^02, MCC^11, SK^04, YZL^+14]. partly [Gla^91g]. partnership [AK^16]. Parts [BD^M^+93]. Party
[Gla^90b, AC^+11, CL^08b, LW^YS^Z10, SCH^05, YC^09, YC^12]. partying [Gla^99d]. Pascal [L'E^87, Lok^96]. PASS
[MI^H^92]. Passing [MF^90, CL^18]. passive [KPG^+07]. Password
[YS^04, BDD^G^04, CTL^12, HCC^10b, JG^98, WZ^M^12a, WZ^M^12b, YC^12]. password-authenticated [WZ^M^12a, WZ^M^12b]. Password-based
[YS^04]. past [MK^S^06, RVM^06, SW^88]. past-time [RVM^06]. PAT [CCH^T^09]. Patchwork [BS^86]. Path
[BH^83, CL^97, UH^86, CK^02a, GP^10b, HL^09, LZ^G^07, MK^15a, Mur^08, PC^02, PWL^H^06, VVS^99, WHL^89]. path-oriented [Mur^08]. path-selection [WHL^89]. Pathfinder
[KV^05]. Paths [BM^96, GZ^Y^11, GT^Y^12, KSS^15, LW^L^L^12, LW^B^H^16]. patients [GMP^N^16]. Pattern
[KR^3, BK^L^E^18, CCH^T^09, Cha^93, DD^G^R^09, DACY^07, FM^11, FP^W^96, HZ^15, HP^16, HK^13, HZCD^05, Hus^01, JCY^T^16, KPS^10, KPS^+04, KL^N^S^07, KY^10, KLL^+11, KLL^17, LPR^04, LNY^+11, LW^13b, NKZ^17, SOS^+18, WLC^13a, War^89, WH^C^07, XZAR^06, YCF^+13, YZC^15, YZY^+18, ZFS^15, ZMA^V^08, ZLM^L^N^14]. pattern-based
[DACY^07, FP^W^96, HP^16, KY^10, KLL^17]. Pattern-Directed [Kor^83]. pattern-driven [HK^13]. Patterns
[AB^J^+17, CM^93, FH^L^+18, HG^K^+06, LJC^92, MS^97, PH^93, SO^03, AA^07, AKK^S^11, ACS^13, ACD^F^01, BJ^03, BZ^10, BNR^09, CSF^+14, CCG^+10, CH^11, Cie^16, CRESF^+13, DJ^W^08, FVH^F^+15, FMR^11, GGM^11, HSC^15, HA^10, HJI^2, HCC^08, HWL^13a, HHK^13, JL^G^M^17, KA^18, KKR^16, KVT^+17, KCS^08, KP^07, LKR^Y^T^S^18, TL^+10, LJJ^+12, LL^X^+11, MRY^17, MSK^+17, MK^H^L^B^16, OKS^08, PB^04, RAJ^15, SCS^15, Sal^17, Sk^11, SMH^M^A^08, SL^03, SB^17b, SC^07, SJ^C^13, SVM^19, Spi^01, Sta^10, TL^09, TL^09b, VPL^+10, WCC^+14, YZC^15, ZTZ^+11]. patterns-based [HSC^15]. pave [WLL^17]. payload [FF^12, KC^09]. payment
[ACRD^19]. Peer [BCG^+14, BGG^+06, KSH^C^14, LHH^10, LOK^06, Loo^05, LKK^14, MK^08, MLD^16, Mii^05, OK^11, SHN^14, SM^06a, SSM^+09, SS^13, YH^13, ZK^04b]. peer-to-peer [BGG^+06, KSH^C^14, LHH^10, Loo^06, LKK^14, MK^08, MLD^16, SM^06a, YH^13, ZK^04b]. Pencil [Gla^96j]. People
[OK^18, CFR^P^C^+18, ET^M^10, OKG^K^13, VLL^18]. percentage [LL^K^11]. Perception
[AAMS^16, AM^A^19, AA^H^10, AA^H^12b,
Amn91, Ano84c, BMAH11, BM07, BZ14, Bha84, BAL81, BM93b, CLGL05, CZ91, CUY99, DZT+14, FC96, Goes4, Gor91, GDF86, GLJ13, Hač86b, Hač89a, Hač89b, HJ90b, Hač92, HLVC04, Hua05b, IMM95, IBP03, Kar04b, KP97b, KNT86, Lai97c, LZL97, LJMI1, MK17, MPS86, MNM12, NSAK10, NsL00, PK103a, Par86, PH93, PLF05, RA91, Hv93, RCSD93, SAA93, SM06a, SKS96, SPCT18, TPKT12, TMB02, Ver89, WNH86, WPP+09, Zha16, AdB13, AHL16, ATVH18, AA98, AL10, ABW07, BML+13, BHM12, BJK06, BKR09, BBS00, BDPRC18, BRS+18, BT17, BK17, CDI07, CLL99, CSW10, CLL10, CBZ+16, CT00, CS12, D05, Del08, DWC17, ED04, FTC16, GLJ00, Gok09, GMS07, GAWW07, GAK92, HH07, HCY19, HLM07, HZ+16, IWF07, JKWL09, JRB+06, KBGDW16, KA18, KA14. performance [KR98, Kor99b, KDEK04, KCV11, LTK+06, LBJ05, LS05a, LZWL19, LSaC01, LZ16R, MK06, MK00, NLSK04, NLS+07, NK14, OS09, OFWP07, PChW12, PH13, P05, Pot13, PSS+09, QL03, QLJG98, RHHT18, RLY+13, RQD+17, RCVM17, Row86, ROFGFRM13, SPC16, SO03, SK03, SCwY12, ST07, Shi98, Shi17, SA11, SSP+15, SVMAM04, SWW99, SK01, SCL08, SJK07, SDG+17, SS13, TBC+16, TKCR14, TDK+07, TMD07, TWD+14, VSDD12, WYCC13, WMD+10, WW00, ZHH+17, dL13, ADMOK+10, OSH+18, ZLZ+96. Performance-based [LZL96].

performance-directed [SPC16].

directive-driven [PSG+09].

Performance/Reliability [Hač86b].

performance/reliability [GMS07].

physical-task [NI13], picture [LC00, LY01], pictures [CL98], piece [DZ00]. Pig [SAH12]. Pillar [BRG+12].

Fer00, Glā89, Glā93C, Glā94h, Glā94b, Glā95b, Glā98j, Glā00m, GTOA14, Han12, KTF+16, yL98, LKRYTS18, LWSH19, NBF+19, Quí94, QHS08, RZL+18, SB14, VCB+18, Wie14, Glā94f. Practices [BV18, GK91A, PW87, BD16, BV16, BCG+13, CCP18, CWJK13, DD01, ETM10, FF89, GV10, GZ13, GCBCD15, GCDY16, HDGZ06, IBAH12, JH99, JDLS16, KFN19, KT12, MHR18, MKK09, NBF16, OK18, PC98a, PC98b, PFL16, Sai02, SW19, VHF02, WWSS13, ZADA15].

Practices [BV18, GK91A, PW87, BD16, BV16, BCG+13, CCP18, CWJK13, DD01, ETM10, FF89, GV10, GZ13, GCBCD15, GCDY16, HDGZ06, IBAH12, JH99, JDLS16, KFN19, KT12, MHR18, MKK09, NBF16, OK18, PC98a, PC98b, PFL16, Sai02, SW19, VHF02, WWSS13, ZADA15].

Practicing [MP89].

Practitioner [LLS11, MRW94, BH02, BH03, GCDY16, Haz02, KLMZ08, LMNA17, NBF+19, PIG908]. practitioners [AHC11, CCP18, PCV+08, PV18, PVSG05].

Pragmatic [Bar92, GVPPM18, Jef92, MS03, PV18, PVSG05].

Praspel [DGBE18].

Pre [Gil88].

Prenatal [Gil88].

Precedence [AR18].

Precious [vV10].

Precise [CCW02a].

Precision [LKP13].

Predicate [Sch91, Sta03, aSRZ+18, WL15b].

Predicate-Event [Sch91]. predicates [DOL+16, GLOM19].

Predict [LH93, AAM16, KY10, LRvV03, LS98, MER17, MR00b, NHH+12, OY16, RBS19, WRS+17, XYCL17, ZXL10].

Predictable [ICSK14, HMSW03].

Predicting [ACB18, ABL16, CPV+14, EE08, Hur93, OH94, SD16a, ZeK17, ZL07, AdAD17, EBRG01, GXZ+19, KR16, LMA15, TL09b, VGSN18].

Prediction [Cav84, CW90, Lee93, Lip79, Lok96, She95, Al12, AGC13, AC16, ABJ10, Bai05, BHX05, BKR09, BFLP09, CDP+18, CB16, CMM15, CLGL05, CSS+13, EMM01, FF12, FSS+13, Gon08, Gru07, GJ08, HJBB10, HCS09, HC10, JLZ+19, JTM04, KY10, KRO8, KC11, LCT10, LS05a, LCLF13, LG15, LJA+11, MKL+00, MA08, MdFD+15, NQ98, NCW+19, ÖT18, PEO11, PSM12, PB15, PBB19, RSB+16, RSP03, Sch03, SLW+15, SRDLC09, SHBA+16, TQ05, TN05, THGL07, TAB+16, TVK95, dBTdSS08, ULS19, VTZ+17, VMB+08, WFT+19, WBF01, WLC08, WLT+09, XLW18, XWH99, XLX+19, XLL+19, YCLY13, YCF+13, YJZ17, ZP06, ZCY+16, ZL17, dCPV10]. predictions [JFG07, MS03].

Predictive [LV97, LMYMT08, PJT+17, CS15, HWHM02, LH08, RSB+14].

Predictor [OLZN13].

Predictors [Gla00k].

Preemption [Kim17].

Preemptive [FSPH+16].

Preface [MS17a, SLR16].

Preference [FFV19, Sea88]. preferences [LS05b, MLD16, SPLW17].

Preferences-based [MLD16]. preferTrust [MLD16].

Prefetching [MJ18, LZCL19, Pon03, Pon06].

Prefetching-aware [MJ18]. prefix [ND18].

Prefixes [WH99].

Preimage [ZL12a].

Preliminary [Kit10].

Premier [LCM+13].

Premise [AAMS14].

Prepping [HH87, WKM94].

Prepare [AHC+11, CCP18, PCV+08, PV18, PVSG05].

Preparation [SAH12].

Prepare [Ano87e, Sam93]. prescription [MM01a].

Presence [LJM11, PS15, PJK13, PV94, SMZC12].

Present [MKNS06, ZGZ+13].

Presentation [ZL11].

Presentations [CH05, HKY01, Jef92, YY04, YWT07].

Preservation [LCLF13, ZLMN14].

Preserving [AAH12a, MCV16, BKS13, BKS14, BJK+11, DEA+14, HL11, Lin16].

Press [LZ07]. Preventing [CLW05, WS12].

Prevention [Aba13, BRG+12, CC07, CCKM09, KH16, LCLL07, WAWO12].

Price [LZL15].

Pricing [AB10, LZO+16, Oja16a].

Primary [HMC98].

Prima [Gla96h, CG15].

Primer [LZ07, AV04, AV08]. primitive [LCLP16].

Primitives [HZ15].

Principle [ZX94].

Principles [Boe83, LMGBH17, Loh84, PW87, BGS+16, BM00a, BDA+02, BPSK18, FJ98, GDFFPP+10, KFN19, ZMK12].

Print [KPS10, PKS18].

Print-cam [PKS18].

Print-scan [KPS10].

Prior [SL80].

Priorities [Let00, BS09, Haé88, Liu98].
prioritised [HLMB07]. prioritization [AWSE19, CZC+18, DvdVA+13, HMOK18, HCC10a, HPH12, HLLS13, HCT+15, JG08, JC15, LZKW12, MCTM11, MKS+18, MB17, PSS+16, PSEE12, PMB15, PWA+19, RST98, SPLW17, SB12, SCC16, ZCT+09, SD16b].
prioritize [WZY+18]. Prioritized [ZS16, PD16]. Prioritizing [FWP93].
Priority [HYA11, LLL00, LSV+06, RCSD93, AKA+15, BRC09, BCF05, FHL+15, FSPH+16, GAK92, Ha´c92, HC01b, KSN17, Kim17, LCLS16, LHSK06, PNK96, RXY+19, wZfG14b, dOCS13].
priority-aware [LZ13]. priority-based [HC01b]. PRISMA [ARS10]. Privacy [Chr16, DEA+14, SY16b, AGBD14, CDS10, Cho04a, CRKH11, CHL+08, ECRVMS11, Lin16, MXZ11, MIKG13, SLZ12, SGBCP12, TKH+11, WSJ14, YSS+16, ZSM05, BJK+11]. privacy-aware [AGBD14]. privacy-enhanced [TKH+11, ZSM05]. privacy-focused [WSJ14].
Probability [HP90, LS07, MSGGL12, RCCVB11, XYP+18]. Problem [Chr86, Gla90a, Nit98, Ano91c, BCV06, Ch09, CJT04, Dar02, DSSL09, EK12, Gla89d, Gla91i, HRR95, HCDJ08, KK17b, KEK04, MJ14, MARD16, PS15, PA99, PV94, PW03, RSBA19, SS15, TNA01, Wij03, XJ+15, ZJ+17, Zhu00, ZGL+10, CKL12, DRCA+19].
procedure-oriented [AK15]. Procedures [KK81, OS87, Mil00a, Skl13]. Process [APL95, AN93, BHi90, BBO96, BW93, CT94, CB91, CP97, CGA08, De 97, DLS94, FPW93, FG94, Glasha, Gla93e, HBBCC94, HF08, HSPD14, HHSR94, Kun91a, Lai97a, Lan90, Lee93, LFC08, LAHS97, MBB10, PM90b, Phi81, RW01, RY93, SL96, TM07, AKH12, AAMS14, AAGT16, AK08, AHLH16, APW14, AL05, AAN11, AF16, AMGG14, ACDG02, BKZ+06, BW+18, BH03, BM05, BHB+05, BBA10, BGLG13, BKB+07, BPB19, BM06b, CGBP+05, CCC05, CNG16, CC99a, CS01, CHL05, Chr99, CNKL12, CO08, CGS10, DCAC09, DA07, DHJ05, DI01a, DI01b, DZ+09, Ebe99, EB00, FADAM12, FCSM09, GMMGP15, GDLB16, GW01, HL01, HKV11, HAHHC06, HHW01, HR95, HPF16, HFC+01, HFRHS99, HBB13, IM11, JED18, JPKP04, JWP07, JAS19, JMM17, JH01, KKT17, KSKP11, KMR99, KSA18, KRHZ05, KSFT89, KTF+16]. process [Kun91b, LPJP09, LR09, LPM15, LMR12, LGMB17, LS+06, LZKW12, LR+19, LMNA17, MdOBW15, MR01, MB07, MSGGL12, MM01a, MAAC17, NWZ05a, NWZ05b, OFR+12, PB11, PCC1GP12, PCFRP19, PW10, PIG08, PL09, PH07, PPG+10, QK08, RV09, RK00, RDP19, RH02, REF+17, RCL99, SC99, SK11, Sas99, SLO8, SS14a, SWA+13, SZW+16, SK18, SJK07, TAF+17, TSTC15, Uzz13, VLC+17, VKL16, VVA+15, Vis99a, Vis99b, WB09, Wau19, WMBW12, WLV99, WCV+98, WHB01, Wya01, XLW18, XSS06, ZAD15, ZyCkP01, ZL17]. Process-based [De 97]. Process-Centered [FG94, KSKP11]. Process-integrated [BHi90]. process-line
process-related [CGSGR06].

Processes
[AR94, AS96, BCD92, FFdRG+14, KD91, KL91, Let87, MSB+02, TK87, AHW10, AC16, AM10a, BNvdH05, BR+18, CFRPC+18, CC07, CXo+15, CBS00, CLF+13, DI01a, FSG+11, GR05, GAW92, Hač88, HH08a, HRN+01, JST10, JR15, KLTRW01, LH06, DPS03, Mor99, PRRS11, PS00, RH03, RRM17, SMZC12, YLXZ16].

Processing
[Amb87, Hay86, Lai97a, PD98, Rah92, RW97, Sho97, Tsu85, Ulu95, ZENA93, vS83, BLM+08, CK02b, CM12, De 98, DM17a, DWC17, FS19, FGD+17, HL09, HWR17, KRP02, KS18, KW00, LWH05, LCC10, LPC+10, LCC02, Lin12a, L99, MLCO9, P90, RVC17, SHN14, SMM17, SK01, TS19, U098h, YC06b, ZM06].

Processor
[Par86, RT93, Aba08, C¸am00a, CHL04, DCH02, HSR01, MJ89, SK03, TC12].

processor-in-memory [CHL04].

Processors
[CD10, FG93, ML95, ELK06, Kar94, LCLL07, TXLC12, TSC04, WWL+10].

Produce
[SG91].

produced [RM19b].

Producibility
[Car92].

Producing
[SHW02, VL94, BV16, JBSL12, MPAA15].

Product
[CBT+14, CGB08, DSBO5, ESWA18, EK89, Lan90, MBC86, AC92, AC07, AD07, AK08, AKL14, AS019, BKS15, BH12, BBD18, BMSN+17, BBS10, BW01, CHN19a, CHN19b, CdSkG+18, CFAP17, CHL05, CNKL12, CV16b, Del08, DGR10, DV10, Ebe07, EB14a, ESM+19b, EBB09, FL05, FFV19, GMPG15, GPHS08, GWW+11, HGBS18, HJN11, HF08, HPF16, JG14, JK19, KDS+08, KG09, KC+19, KPS08, LMN10, LNTS19, LS05b, LD07, LG+19, Lu00, LG03, MNS13, MCV16, MAGC+17, MD16, NBA+17, NBA+15, NRG08, ORGR+18, OH15, PLHP+15, PBD+12, RTM19, ROR11, SBT19, SSS17, SdSDN+13, SSAS11, TBBG13, URG10, UD10, UIK17, WAG15, WGS+14, WR10, WBBK18, YMM+17, YMM+19, ZR04, dSkMSN+14, dBV08, dOSdAdSG17].

Product-Form
[MBCD86, BHMI12, OH15].

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

Production
[BCD92, DK97, HBCC94, HP90, Ker92, FKWH19, Gla97e, HK09, HV01, VHFF+17, ZK1+09].

Production-Based
[Rv93].

Productivity
[Bhu89, Cha95, DB68, FPW93, Gla88b, Gla90c, G97, JL58, Jef87, KMO91, Law81, Tau92, An090d, An91b, BM19, FS01, Gla88c, Gl91f, RS002].

products
[HBR19, KL07, RHL+17].

Professional
[Got92a, Mat86, TKS95].

Professionals
[CM92, Lue92, RZ94, FF89].

Profile
[Bai05, CK00a, CIC16, NLSK04, O003, C13, RZMPM12, TR00].

profiles
[BK17, G08, PC10].

Profiling
[Ala15, KMK17, LWW12, TZ12, TC12, WLZ+17a, WLL19a, WLL19b].

profit
[GCMB17].

Program
[AS96, BYY87, BL98, CS85, CH83, Eva83, FS91, GA95, H097, HL83, HB89, HUMT92, HU96, JO83, KL95, LDN87, Le80, Let87, LXZ06, MS81, Mar84, Mi98, MD91, N93, PW92, RCM91, Sek93, SV94, 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, MJ19, OR00, PCDG02, RSS00, RB89, SZ11, aSRZ+18, TL89, WHL89, WGH00, WQ06, XST18, YLYL17, ZG00, ZC06, ZCT+09, Qui94].

Programmable
[CBC14, AYZ10].

Programmer
[KMO91, OS87, M¨ul07].

Programmer-Nonprogrammer
[OS87].

Programmers
[AP97, Gla97c, CDS19, M¨ul07].

programmes
[LLM+17].

Programming
[AG93, BF81, Bia87, BSDD14, BCFG06, BN90, CS85, CH83, Col81, DG80, FM90b, Gan91, Gla90b, HL93, JL58, JB91, KOM88, Kor83, Kus90, Law81, Lit90, MAR+19].

UD10, UIK17, WAG15, WGS+14, WR10, WBBK18, YMM+17, YMM+19, ZR04, dSkMSN+14, dBV08, dOSdAdSG17].
MO90, Nel81, OC91, PT91, SCG93, She90, TK87, WM90, WSD81, AR17, Ayr04, BCFP19, BB89, BDG13, BSB12, CdAM+14, CCR14, CLX+04, CCG+10, CC94, CP88, CAG17, CRSS14, De 97, DBO05, EL88, FMSG08, GE15a, HBM05, HCDJ08, HBVG08, KBDGAW16, LHJ10, LF91, Li98, Li99, Lok06, MNO18, Mat96, Mul05, NBR+13, OCN89, PN14, Ph98, PTF+15, Raj94, RBS19, RAJ15, SGP12, SMCL96, Sol87, SPCT18, SW88, TW08a, TKA+02, Wen03, YLC18, KCS08, SJ05).

programming-level [GE15a]. Programs [AR90, BAH96, Ber93, BBC88, BK85, BP91, Car96, Dil91, Fer93, Har95a, KM92, KML94, KL90, KGH96, L'E87, LTHR97, LZL97, Lok96, MGJT87, Rey84, SBM94, TL96, UH96, VPM93, WNHM86, ASdMGM14, ABS19, dSACdLF17, BdADH94, BB89, CCDD00, CL18, CCHT09, CLSC98, CLSa01, CDP05, DOL+16, EOM95, ECS15, ES14, EVK05, EED16, FS05, GPM13, HHH+99, HCC91, JPK00, LMH10, LVMM07, LAH+16, LMYMG08, MKM+06, Moo98, MN12, PJK13, Rey89, Rot89, SAMI17, SeMC02, SM16, aSRZ+18, TKJ16, TLZ+16, TGL19, VB99, YWWS10, dsF12].

progress [DHJ05, HH17, WT89]. progresses [LW02].

Project [AH90, AH93, Ber81, Iso95, IKCN91, KT85, KK81, LM94, MM95, MK90, Puf90, RB93a, Tau80, WRW93, AH88, ASMN15, ACB18, APSC10, BM05, dOBW04, BJK06, BDGR01, CS19, CBAV16, CC11, CdOBT07, DB06, FY04, GL14, GGC16, Gli88, Glb90h, HM16, JSL16, JK00, JKWL09, Jor16, JR15, KWT+00, LS17a, LMIV15, LPS02, LG909, Lin99, LSD+16, LKB06, DPS03, MS03, ML03, MR01, McB08, McD02, Moy00, MH04, Muer99, NLSK04, NSL+07, NBF16, PCV+08, PKR01, PCC18, PVSG05, PV06, RSBA19, Rog94, RKK16, RRT01, Sai07, SSF15, SAR15, SSO7, SSCL08, Sta10, Sta09, SJK07, dBTdS08, VLL18, WK15, XHW99, YAY+16, He95, Not85b].

Projects [Sta83]. Project [Bl87, Eib92, MRW+94, OT92, SM92a, AS10, AAIH12a, AD17, Ban08, BCB09, CB16, CFMR11, CC08c, DvdVA+13, DL99, FN00, FHT07, GC13, HH, IF19, JKC19, Jor14, KP10, LHT19, LMA15, LMN17, MSB18, MAH18, MVSG18, MOH08, PD16, RSB+14, RSB+16, RR09, RCCVB11, SSO8, SSA08, SNC13, SHHL12, SM07, TKN+19, Uzz13, VGSN18, Wkb017, ZCC+19, dOSAdSG17]. PROLOG [BP91, LS92, AR17, Lok06, Moo98, Ura90, Vla98].


PRoMPT [Lai95]. Prone [Coo90, EE08, KL07, MA17, SL08, SPSM03, TNA01, XZL10]. proneness [FP18, Gon08, HJBH10, MRS18, MR00a, ZCC+19].

proof [LMGH17]. proof-of-concept [LMGH17]. Proofreader [Gla96].

Propagating [WMW12]. propagation [ATvHJ18, CE08, DRELHE16, MRS18, MRS19]. propensity [KWT+00]. Proper [RB93a]. Properties [BFR96, Ne97, PdC94, BGH03, DNSH13, HBG+13, IS03b, OML16, PH13, PJ+17, PDB18, Wk03, WWY+12].

Property [ZLG10, CCH09, KU10, ZLmLN14].


Protecting [GMB+09]. protection [CL08, GmGTdF14, GAWC91, JEE16, KUK07, KJI0, LC02, SY16b, TLL13].
protection

Protocol

Protocols

Prototyping

Provider

Proving

Proxy

Proxy-based

PS-QUASAR

Pseudo

Pseudocode

public key

public-key-based

publications

publish

publisher

publisher/subscriber

push/pull

PVM

QA

QoS

Quad

Qualitative

qualities

Quality

public

PSO-GA

PSP

QoS-enabled

QoS-oriented

quad
query-based [DCAC09]. QualityScan [WOC15]. Quasi-deadlines [CBL+15]. Quasi-static [KKH+16]. Quasi-synchronous [KKH+16]. quasi-systematic [MWM12, MRT17]. quaternion [yWpWyYpN13]. queries [BG06, CJP98, Cho13, CMC04, CBK02, CK02a, GSN+15, IBM11, JHYK10, LU06, LKL04, LCC10, MMP15, PSDK05, SED16, ÜDUG04, VL94, ZJL10, vdBK94]. Query [RT93, ACL13, BLM+08, CH11, CJL11, CK02b, DCAC09, DI+17, GLWY10, HL09, ILZ13, KRK00, KRP02, LPP+10, LZX09, LWXZ10, MCL+17, MLC09, ONR02, PC02, PCC02, PK02c, PKL03, Pra18, RjHHK08, RVC17, SHN14, TLWS10, ÜDUG04, YCO8b, ZWM+18, vdBK94, RH06].


Ranking [GS07, Çam00a, DH13, SM06b, SED16]. rankings [RM19b]. ranks [AN10]. Rapid [CDS99, DZRH04, FFWE17, GD04, TGBF17, WKL04, Zhou14, CCG+10, KSH09]. rare [YHHR03]. rat [MMZ+16]. Rate [VPL+10, AD07, CSGL05, FBD+18, NS000, PMDH13, PTHM08, PDS19, ZP06].

rate-control [CSGL05]. rate-dependent [FBD+18]. rates [DW11]. rating [KRH205]. ratings [PQBP16, XWZ14]. ratio [JZ07].
Rational [Gla93e]. rationale [BL09, LICA09, TBJH06, TJJH07, Xia13, BB08].

rationale-based [TJH07]. rationalize [vHAT13]. ray [BAI+14]. RCDA [PV12].

RCES [LLCL08]. RCES/RSES [LLCL08]. RDF [RHRC15]. RDL [OAdLC07].

RDMA [RLY+13]. RDMA-based [RLY+13]. RDOTE [VGM13].

Re [CRESF+13, SV19, AAC07, CDEV08, FSGW11, Gl97j, HC04a, NCS10, SLZ12, TKM03, WHY+12, GRR16]. re-binding [CDEV08]. re-encryption [FSGW11, SLZ12, WHY+12].

Re-engineering [CRESF+13, AAC07, TKM03].

Re-implementing [SV19]. re-learned [Gl97j].

re-transmission [HC04a]. Reachability [Chr86, NS92]. reachable [TS89]. reaching [Gl97j].

react [RM11]. reactions [DF99].

Reactive [Fur93, JVP+98, Sah94, CJZ04, HLW08, KSH09, MNSA16, OA08, SÁM+16, SD02, ZAO08, MNSA15, SAM12, SÁMI17].

reactor [KJ10]. read [DZT+14]. Readable [HC86]. Reader [An92h, An92i, Fle95, Gl94e, WL17].

Reading [Bas97, MR00a, LASE00, dBV08]. ready [OSH+18]. Real [BG98, CL94, CLF+13, CRV94, DYC19, GMM90, Gon89, Gon94, GRS02, HW94, HFK92, KY92, wLyLH97, mL95, OK94, PZ94, Re90a, dSSJV08, Ul95, Ul97, WM96, Yoo90, ZCD96, BG98, CLF+13, DYC19, GBC16, Hal92, KY92, yL98, LK04, LK14, MK11, ML95, NC96, OK94, PZ94, Re90a, dSSJV08, Ul95, Ul97, WM96, Yoo90, ZCD96, BG98, CLF+13, DYC19, GBC16, Hal92, KY92, yL98, LK04, LK14, MK11, dSSJV08, Yoo90, AMP12, ABB19, AV02, ACL13, Ati00, BCK00, BLS18, BL19, BNR09, Cam00b, Ccess01, Cess07, Cess11, Cess12, CLL10, CZG+15, CKyL98, CBL+15, CS12, CG05, CF12, DM98, Del08, DY99, DY03, DZRH04, DGL+08, EBB18, EK13, FHL+15, FHY17, GBL08, GLZ15, GP05, Gho01, GWDE07, GPPT16, HyLW+12, HCB+16, HA03, HSM+07, HZG+12, HNS12, HCDJ08, Hoa94, HLC+09, HHL06, ICSK14, Iso01, JEO2a, KMB05, KMSMD08, KC16, KCS01, KLY03, KMS04, KLB15, KR98, Kor99b, KKM09, Lai97d, yLeY98, LLL00, LKL02, LP93, LL00, LESL11, LSE12, LS14, LS17b, LFCL12, LR04, LRS+07, LWW+13, LLV+09, LC11, LHP+09, LHP+10, LGS+19].

real-time [MMM00, MEH05, MBD13, MFC12].
Nae01, NsL00, NPC12, OW04, OA08, Ost92, Ozk97, PK96, PC04, PG15, QL03, Rav03, RXY+19, RG17, RG79, SUS04, SS05, SL08, SO03, SY02, Sna03, SBB98, SK10, Sto92, TLW07, TKJL13, TKJ15, TNP+06, TC16b, TnL09b, Uha98, VT98, VCLK07, WMWZ12, WX10, WDN05, wZfG13, wZfG14a, wZfG14b, ZAO08, ZW15, ZLZ+96, ZHGL11, ZH05, ABCH13, LJB05b, [CCSC01].

real-time/non-real-time [CCSC01].

real-valued [KLB15].

real-world [Gho01, Iso01, LJS05, SSvdW99].

Reality [SCG+93, GHK05, IF19, NI13, SSCM+04, VSS+11].

realization [hChSyCwL10, Rog94].

Really [Gla97c, Har95a, Rei90b, Zuc90a, Ano87f, Ano87h, FF89, Kru08, PCV+08, PVSG05, RDPM19].

realtime [WFY+19].

Reasoning [FWD97, ANH07, BFPAGS+08, CCGdL16, EBGR01, OT17, TlJH07, TBSvdW18].

reasons [CBVF19].

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 [HHKWB16].

recently-evolving [HHKWB16].

recently-introduced [HHKWB16].

rechargeable [LWOY16, EWL+16, LCW+18].

recognition [AA98, CCWT13, HHC12, WLL+13, ZERO00, ZLmLN14].

Recognize [Hen88].

Recombining [Ber98].

recommend [GJ16, dOFB+19].

recommendation [GJ16, GM017, HSL14, L109, LS05b, LLH08, LQC+14, MCS+12, NKZ17, SZW+16, SYXL17, XWZC14, XSL+18, ZCY+16].

Recommender [SHH+15, BFPG18, CCY11, L1K16, NTDSX13, T1Z2, YSG17, YH13, GMLSF+15].

Recommending [BCBZ14].

Reconciliation [Lan90].

Reconciling [AKH12, HNZ17, MWL12, SMHMA08].

reconfigurable [CWC04, CFN10, DHL06, GHD+16, HCKY08, KRD16, KPT09, USLC01].

reconfiguration [BJG11, BBD18, BDLM16, CD107, DS16b, Li11, LG15, LJD10, PDL+16].

reconfiguring [PLHP+15].

reconstruction [BAI+14].

record [dNPM18].

recoverable [LNW+11].

reconverger [BDK08].

Recovering [DG87, QBO+14, RLvV06, RCPZ19, SSS17, KMG+19, JBA08].

Recovery [ASSA96, BDM+93, SAASA94, Won93, YP94, ACDF01, CKS15, DDGR09, HLAB99, HZCD05, HH06, KSA04K04, LMS11, LKJL01, LL10, LT08, LZN04, MLC00, MAEL19, PNY14, SV12, WCV+98, YZC15, ZYSL12].

rectangular [KH06].

recuring [Boz00].

Recursion [BBP96, LHY12].

Recursive [JO83, WHT08, ZL17, BBS00].

Red [GAWW07].

Redesign [BB096].

Redirection [LL10].

redirected [LXCM11].

redistributing [SUS04].

reduce [CYT16, EA14, FW00, PFO+19].

reduced [LGLL12, TSL+11].

reduced-round [LGLL12, TSL+11].

Reducing [Bra96, Hag91, LHC96, SB93, DLW08, KSS03, MK16, M16, MCK18, SRS15].

redundancy [EL88].

Redundant [CLLC96, Alz08, PGRQV12].

REDUP [HH10].

Reengineered [SW95b].

Reengineering [API95, AS96, Jar93, MM95, Sag95, SW95a, ScdO02, UZ09, WSM+95, WLP95, A96m, ADG02, BM08, FGB+19, CDM98, DGV08].

refactored [CFRPC+18].

Refactoring [YM13, AI12, AMdLM17, BD011, BDD+15, KS19, MG16, MKS+17, MCKA18, O008, PFCR19, SGMHJ13, SAN+17, TVMS18, TC10, TC11, VM13].

refactorings
[CCHW09, CFM+16, FTSC12, dOFB+19].

Reference [ZMK12, AF16, AG08, BGH03, Ber03, CCHT09, GLJ00, GAKF13, KSKP11, NSFMI1, PPG+13, SL02, WULLG13].

referencer [PTX00]. References [CCG01, Gla90f, HY00].

refined [EBC10].

Refinement [Raj85, Var91, APT+12, ILZ13, KHW19, PCC02, TZ12], refinements [BdADH94]. Refining [LZXS09, SDG17].

reflection [YC08a]. Reflections [FHT07, Gla97m, Sai07].

reflective [Haz02, LC11]. Reformulating [Gul91].

reformulation [RjHHK08].

region [BRC09, HL09, KY08]. register [LSC04, TXLC12]. registration [AAMS14]. registries [SBGT13]. Regression [BT97, FWD97, Gut96, MTON94, AAB19, BFPV04, HPH12, IST03, JK12, JKL19, LXG10, LQI12, LNTS19, MBB01, MA10, MN19, MDR06, NHC13, RB16, SD16b, SA06, mSGFtL05, SSP17, TTT18, WXY+17, YLCZ12, ZL07].

regression-based [TT18]. regular [C02a, PC02].

regulatory [MOH16]. Reifer [Rei90b, Zuc90b, Zuc90a].

reinforcement [FMPS16]. rejuvenation [ACW10, OD10, PK02a, SW10, SPTM15].

rekeying [SA11, HL09]. related [CPD+18, CGS19, HHI08a, JNY84, JK12, LRB+19, Lut96, MS16, SCL13, TZZ+16, WCC13, ZM18].

relatedness [LBX12]. Relation [CPX16, BCD+18, HSL14, JKWL09, LC08, MC01, vdBRSV10].

relation-based [LC08]. Relational [Bra96, JN84, Pop89, SKS96, Uck91, AJCM08, BGT18, BL11, CDP05, HMP99, JK13, LCC+09, LKL+11, MLA11, Phi05, SZ13, TH02, VGM13]. Relations [MS90, HN17, JE02a, SZPMK04, TSRC18, ZKL+09].

Relationship [BTT84, CH94, JN84, JP94, MR84, Sak84, BDD+15, BZH+08, CTKT13, Cha06, CPW98, Eri92, FHL+15, Gl89i, HZ79, IBH12, JNY84, JH01, Kuo94, LLK05, OBS+18, VLL18, YLC08, ZCC+19].

Relationships [Do97, HB83, BVN07, BWD00, CHN19b, CC06, CGS06, GDD12, GMGTJ14, JZL+19, LLL17a, MER17, PPM14, PST17, RB99, VA18, YL09, vA16].

Relative [HS95, MK90, YHDR03]. Relatively [Sca88].

Release [DRCA+19, Leu92, OG90, Hua05a, LS07, MXZ11, PS15, SX98, YLYX16, ZP17].

releases [AT18].

Relevance [KCB05, NAB+13, TTR+13, FMR11, KY08, WR99, YL09]. relevant [JG08, LAI99, NBH19, TCC15]. Reliability [AT18, Bha84, Cav84, DV94, FS88, Ha66b, HCC91, KK81, KNT86, LWL+13, LG19, LHC+05, MBAG11, Mus80, OG80, RSP03, Rot89, SL08, SW94b, ZEB88, ZCC+17, AC13, Bai05, CCW+01, CSHB08, CN05, CL15, CW99, EL88, FHY17, FRR09].

GMS07, Hua05a, Hua05b, HL06a, HILW11, Iso98, JZ05, JS07, KHS10, KLB15, KRO8, KOR99a, LH08, Lit80, LH06, LZ16, LC14, MT07, MAG12, MPR14, MS04, ODO9, P06, PEO11, PB15, POT13, PP04, RAS14, RSB+14, RCL99, SD16a, ST07, SHY3, SHO7, TDA08, TH06, TIA99, TN05, TM98, VHL14, WPC06, WZY+18, WRY+19, WRDSM+13, XWH99, YTW+13, YLYX16, YYYW07, ZP00, ZSP01, ZLYO6, ZP15, ZP17].

reliability-assurance [CW89].

Reliability-driven [MBAG11].

reliability-oriented [TM98].

Reliable [Di87, Jos83, SFS05, DS16b, FYC13, GGS+19, HKY01, JCC05, LT07, MK06, SJ13, SHW02, ZYZL12].

Remaining [Cai98].

Remarks [BCW05, CA89]. remedy [WS13]. reminder [BTS8dW18].

Reminds [VRG+16]. Remote [ZM96, CNT01, HSL14, IB11, SSH03, YSL+10]. remotely [LJ96].

Removal [Dye87]. renaming [CDP05].

Rendering [SF92, KA14, SNN19].

Rendezvous
renewal [Vis99b].

renovation [DNAM05].

reordering [TXLC12].

repackaging [KTK19].

repair [JCK+17, MM19, MJ19, WMW+19, ZM18].

repeatability [CC02a]. Repeated [AB90].

Repetitive [Hat99, HLWC04].

replacement [BHVR18, CE08, LSaC01].

replanning [GRT13].

replay [GMB+09, WXZ+17].

replica [DHC+11].

replicated [CY00, EBC10, GV10, SAKZ15, SHN14, VM00, Vis99a]. Replication [HJS91, MJ18, ACB18, BDPRC18, BMB19, CdS18, CK00b, HSC15, MK08, OCC12, WZJ01, Zha16].

Reported [ASMN15]. reporting [KP10, OKMD12]. Reports [ADZ+09, FIBRGLN05, Got90, LG03, McD02, SAH12, SB17b, SAKZ15, SHN14].

Repositories [Pou95, CCD+04, KGM06, LPM15, SAH12, SGMHJ13, TLA18, TH02, VMB+08].

Repository [BV18, CBC+15, Bar04, RvDV17, Zhu00].

repository-based [CBC+15].

Representation [BBC+88, MR83, Pop92, Uck91, CCK02, CL04a, Gur01, HRZ06, LCO0, LLT+09, OAdLC07, SB17b, WCLL09, XLX+19].


reputation [KWME99]. reputation [KB16, TCT18]. request [CLL10, CLG08, JLZ+19, JH10]. requests [CdCmDMSnA16, DR12, HYA11, JLCO4, KK11, LHG+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, AHBA19, ANB93, CL95, CBVD07, CNMR18, Del92, DF84, GMP94, Gom95, HHSR94, HKvVvdV07, JP94, Lam97, Lan98a, Liu93, LZLC17, MvS95, San93, Wall91, WPL+18, ASS07, AVGM19, AS17, AGR19, BK15, BHB+05, BS09, Ber95, Ber02, BCV06, BHL00, CMT02, CKL12, CRESF+13, CFA+19, DvdVA+13, Dan17, Dav95, DB06, EK00, EBB09, EGM+11, EUR+13, FM08, FCSM09, FSG+11, FF89, GSM15, Glao0k, GKV14, HBR19, HJP15, HRN+01, JOZ03, JKWL09, JTW98, JC10, KKP06, KPS08, KMWL12, MKY07, LKJR10a, LKJR10b, LHG+18, Liu98, LSV+06, Lut96, LM03, MLB09, MPTT14, MVSG18, MFM10, MPLL+15, MIKG13, Moy00, NDM0, OK18, OWG19, PG12, PD16, PIL006, PMB15, RDM19, RO13a, Rav81, Rey07, RM19b, RHU+18, SCMS15, SA14, SJR+11, SPL17, dSSVV11, SZPMK04, SMK+18, SG01]. requirements [SRBT18, SPZ06, TKP+18, TL09a, UGFK15, VUA+15, VCMG17, WLD16, XYL17, XZAR06, YKC+05, YFT+15, ZTC616, ZJDB02, ZHL11, dSSdMSNO+14, dBvV09, DDMP14, FFWE17].

requirements-uncertainty [Moy00]. resampling [MA08]. Reschedulable [CCSC01]. Reschedulable-Group-SCAN [CCSC01].

Research [ACS13, BKW10, KSW93, MRW+94, RGV04, RA91, SB88, Wei79, Way01, Ano87d, Ano13a, AS16, BPSK18, CC08a, CBFA+14, DDMP14, DFB+13, Fug99, Gl08, Gla91g, Gla95i, JDL16, KGB11, LCM+13, Man16, dONTF+19, PTRW04, PKB09, RST09, R19, Sai98, SFJ04, Tan00, TTM19, VHFST15, WD07, We14, WDMR99, KS19, MD89, VCB+18].

researcher [HCY19]. Researchers [Hen88, Gla95g, VEM+01]. researches
[Lai99]. ReSeer [WXZ+17]. Resemblance [ZHH+17]. resequencing [Kar98, Kar00]. reservation [ZWC+19]. reserved [Ng99]. reside [GXZ+19]. residence [GXZ+19]. residual [LWL09]. Resilience [MvS95, PDL+16]. resilient [KPS10, MMSD13, TC06, YKC+12, YLZ+16]. resistant [HCC1b]. resolution [DBCdP11, DK15a, KPSK09, KHC16, ZWX+08, Zwe90]. Resolving [CA87b, CA87a, KRHˇZ05, LKL02, Lin01, MKS+18, KMM89]. Resource [AD14, BB81, Cho95, Coo90, CDPM17, FMP86, KMSMD08, KK11, KSH05, LYC04, LRS+07, LCLL07, Sch81, SG89, Zei88, Zha08, ZCT+09, ZRS7, Zhu04c, ACRD19, AM04, AK15, BHAM09, BV15, BK17, CLY17, CYT16, DXPY03, DM17b, ES14, GP05, GGS+19, GGB19, GHHB+16, GWW+11, HSM+07, HNH15, jHjW08, HLW+15, HO1b, HL06a, HLWS13, KP07, KLO9, LBS+07, Len97, LSH09, LZ06, MCC+18, MA09, MK06, MAS13, NEM17, NK15, SRDLCP09, SWES16, TY18, TLI07, THWC10, WDC08, WDC12, WAW012, ZWC+19, Zhu04a, ILSN18, vV10, vDSJK+07]. resource-allocation [Lenu97]. resource-constrained [KP07]. Resource-Deadlock [Coo90]. Resource-oriented [KSH05]. resource-restricted [NEM17]. resourceful [GH02]. Resources [Hac86a, Hac93, AH10, JSL16, MSAH16, SCO13, Sko14, ZWX+08, Zhu06]. respectable [NER01]. Responding [DG92]. Response [BP86, BT97, KMM89, Kum91b, Zuc90a, DMQ07, EG+11, MMTS15, Mur99]. Response-Time [BP86, EG+11, MMTS15]. Responses [LIC92]. Responsibility [Col92, HHSR94, KP10, MJ14]. Responsible [FK92]. REST [AK15, CPDM16]. restoration [RW00, VVS99, WC02]. restoring [CL06a, WCH03]. Restricted [BS86, NEM17]. restrictive [CZL07, HH08b]. restructure [KB98]. Restructuring [HL83, Lee07, LZN04, LXZS06, TL89]. Results [AH90, AM94, CBOR88, DL06, Gla89a, JKC19, Lai97c, LL15, MR17, APT+12, BPSK18, JDLS16, LGLL12, PKL03, PKB09, DM07, TGE17]. retailing [CDS02]. retargeted [CWK+11]. Retest [LNTS19]. Retraining [Fug99]. Retrieve [GI95, Zhu04d]. retrieving [YY04]. Retrospect [Wic92, REF+07]. Retrospective [Gar13, LPS02]. retrospectives [LMIV15]. Reusability [PAB+17, AKKS11, GMRD4FR14, GS08, PDS19, SOS+18]. Reusable [DJI93, Gom95, RBT11, WH91b, BM98, DF00, Fra04, KTH+17, LK09, LMN10, NOPF12, RS98, SSA17, SGC+17, SH16, SPZ06]. Reuse [DJI93, FF95, Hc95, Is09, Lam97, MRW+94, PP94, SS17, SCK95, TL96, TDB97, WRW93, WPL19, ZSG93, dAK18, Ang95h, BKS15, BV16, BH02, BK95, CDM98, CBS00, EL10, ESRF19, FK01, FS01, Gla89e, Hc98, ICS14, KCAS13, LH98, LOFA17, LdS+08, Lu00, MB17, NR04, OAC11, PDS19, PK10b, RS98, Su00, WD99, ZS95, Zhu06]. Reuse-Oriented [TDB97]. ReuseTool [OAC11]. Reusing [BMSSB94, FB18, SJ17, MAH18, MSGM17, SBB+16]. Revealing [GGM11, Wil03]. revenue [Oja16a, TYH04]. reversal [ULN06]. Reverse [BCD92, MAGIC+17, SSA17, WCV+98, ADZ+09, Ano96b, BCR+19, BM00b, LHLG+15, vDB05]. reversibility [KC09]. Reversible [CL06b, CSS+13, FF12, HCS09, OLZ13,
Reversibly [MKH+12]. Review [CVGP13, GCAH18, KCK+98, LL85, SKT17, UB19, AAGT16, AKA18, AVGM19, APW14, ALRP16, BWP16, BKS15, BMB18, BKB+07, CFL+18, CP15, DPL16, DBCG14, EFG+08, GJ16, GNA17, GA11, HJ00, IHA16, JED18, Jør04, KGB11, KNA11, KG09, LFW15, LL15, LZO+13, LC06b, MWM12, MH13, MRT17, MGAN18, Milo05, OGRJ+18, ÖT18, PG12, PFG13, PBO+19, RAK15, RCL14, RSBA19, SNL16, SRJL+18, STA19, SLB14, SN07, TJT+18, TTM13, TL14, TPKT12, TCS18, VLC+17, VCMG17, WPL+18, WLL17, 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 [Fiss81, Gla90a, Gla99c, Gla00i, Har97]. reward [TKJL13]. rewarding [FHHL09]. rework [DLW08]. rewriting [GLWY10]. REX [CM12]. RFID [Ab13, AYZI10, CPS11, KSKP11, SLL12, WL17]. RFM [HHK13].


Rigor [Mac91]. Rigorous [HB90]. Rim [LW02]. ring [KH97, Rav03]. ripples [WK00]. RISC [LKP13]. Risk [Am100, Ban08, KL95, She94, AV12, AD14, BP13, BRS10, CMM15, CLF+13, EBRG01, FY04, FW00, GKS18, GJ08, HH07, HFE10, HMC01, KWT+00, KLMZ08, Kel15, NSL+07, Pf00, PvV12, RO13a, Sai07, WZY+18, YFT+15, Am000]. risk- [PvV12]. risk-averse [Kel15]. Risk-based [Am100, GJ08, YFT+15]. risk-driven [GKS18]. risks [AB10, dOBWT04, CdOBT07, EL07, JK00, SL10]. Risky [Pf00]. rivals [Lit80]. RMI [JRB+06]. RO [Jua10]. Road [Gla88b, DII+17]. Roadmap [BD10, FS17, ME10, SST16, WB10]. roadmapping [SSAS11]. roads [MT13]. Roam [hCSW+04]. ROAR [SWES16].


Robustness [XYZ+19, FMP09, GWDE07, MFMCY12, SM16]. Rods [Gla89f]. Role [AP97, FM90b, GPM08, LWL04, RZ94, Ano91b, Bis13, Cho04a, CC06, Cow05, Dan17, DRW00, FBB15, FM11, Fe95, Gla91d, Gla91f, HS99, KP10, KKL+11, LNC01, LHCT19, MRM16, SA12, SKK+18b]. Role-based [LWL04, Cho04a, FBB15, KKL+11, LNC01]. role-playing [Dan17]. roles [JMML17, KLMZ08, MNS13, MPS+12, WLL17].


routering [PPN+15]. rotating [WLC07].

rotation [YCO+08]. rough [Wu11]. Round [LSZ+07, CLC08b, LKH+08, LGLL12, TSL11, TSL+11]. round- [CLC08b].

Round-Eye [LSZ+07]. routed
routine [DF00]. Routings [Ha94, MWH97, AN01, AM04, BHAMO9, BCLW11, CSW10, CWR10, CW12, DBCDIP11, JXLC15, Kar98, KSAOK04, KRC00, KPS09, MHW01, MDO+10, MT10, NvvMD17, Pal12, TCC04, WGY+08, YH19, YSK06]. routinized [IS03a]. row [LWHS05]. RSA [BBBP13, CWR+13, KKHH11, SWH+09, ZM12]. RSA-based [ZM12]. RSES [LLCL08]. RSU [ACL13, ACSC16]. RTCOM [DGL08]. Rule [MP95, SZPMK04, UW95, VKL16, Fic89, GH04, Moo98, NBR+13, PWA+19, QLBS17, ROFGFRM13, Zhu00]. Rule-based [MP95, SZPMK04, Fic89, GH04, Moo98]. Runawayways [Gla98]. running [DZW+09, Li11]. runs [LZY+15]. Runtime [BS03, KGG18, AV+16, ADET12, CLX+04, LRO19, NTT19, OM13, PJS+17, QOLLJG16, RGV+17, SB17a, SHC+11, USLC01, VRC+16, WLL19a, WLL19b, YHZ+09, YGN+16, dRBA13]. Rust [KTK19]. Rust/Node.js/WebAssembly [KTK19].

scenarios
[BJ03, BRS10, JS13, KCV11, MSHG18,
RRD06, SFF15, TSA08, WPP+09, dMCR19].
Scented [GPD+19]. schedulability [BL19,
FBD+18, Kim17, LS14, LHSK06, SLS08].
Schedule [AH90, YY04]. schedule-based
[YY04]. scheduler [AR18, FSPH+16].
schedulers [HN17, LFCL12]. Scheduling
[CZ91, DK97, Ker92, LZL+15, LG05b,
LZY+15, MC91, SKT17, SK10, WWC97,
ZLD13, ZR87, ABB19, ALRP16, BLS18,
BLL02, BNSG05, BJK+11, Çam00b,
CSMC19, CCSC01, CCSC07, CCKM09,
CLL10, CZG+15, CYT16, CTA94, CKC15,
CBL+15, DUV+16, DR12, DFJ19, FHL+15,
FHY17, FGBC10, GH04, GBC16, HY+12,
HTK00, HZG+12, HYA11, HCY04, HH17,
KC16, Kar01, KSN17, KCS01, Kim17,
KVC11, LL00, LC05, LESL11, LS14, LCSL16,
LS17b, LCF08, LWC+18, LJM11, LKL05,
LHSK06, MMM00, MMZ+16, MCKA18,
MK15b, OW04, PK10a, PNMK96, PK01a,
RFM10, RXY+19, RSBA19, ROFGFRM13,
SRS15, SBZ+17, SLW+15, dSSJ08, SA05,
TKJL13, TKJ15, TdCAF16, TC16b,
TSSD09, TSPH06, WWC00, WWL+10,
WMWZ12, WX10, WC16, WCB+17, Yoo09,
wZG13, wZGf14a, wZGf14b, ZW15,
ZCC+17, ZHGL11, ZGSH13, ZK09, dOCS13].
Schedulings [BAH96]. Schema
[Sak84, KSKP11, NTRN11], schemas
[CT09, DZW+09, OT17, RB99]. Scheme
[C97, TC93, Won93, Aba06, BCW05,
BMS11, BCL+18, CC90a, CBS16, CCSC01,
CL06a, CL06b, CWP09, CCL11, CNL13,
CH10a, CT11a, CW14, CTK01, CK00b,
CHL+08, CW09, CE08, CDZ07, FWC12,
FWTC05, GJ13, HSPD14, HWW01, HH06,
HWWL13b, HC04b, HHL06, HY95, HLL01b,
HCC10b, IB11, JC08, JW06, KBD09, KC09,
KKL11, LC10, LSR13, LLCL08, LHXX12,
LH11b, Lin12b, LWC13, LCC+13, LWL+16,
LMNJ11, LW13a, LWL09, LTM16, LY18,
MV05, MV06, MK06, MKS+18, MIUM12,
NNVD17, PTM08, Pen11, RPSL10, SKZ+04,
Sh05, SCL07, Sh07, Sh09, mSgFt05,
Sh10, SH08, SGBCP12, SV12, SXYM11,
TK14, TW07, TLL13, TLL12, TH02,
UUN11, VHL14, WJZ01, WL05, WF07,
WCLL09, WWYZ11, yWpNyL11, WLH13,
WYCC13, WCC+14, WZ11, WHG01, WH02,
WH03, WL09, WLT+09, WKH11, WOLS12,
WS13, WOC15, XY02, YTH04, YWTW11,
YCC11, YCC16, YC08b, ZC05]. Schemes
[BM12, ZADM10]. Schedulers [TL95, AQK11,
CWH00, DDD14, DR12, Gl09d, GPM08,
HKY01, KTK01, KM04, LU06, LZG07,
LWC+18, LHYZ12, NaL00, OD10, PSH06,
PCHW12, Rom98, SHT05, VM00,
WMWZ12, WYL06, YZG+13, ZT14, OS09].
Scholar [Won10]. Scholars
[Gla96a, C11, Gl09a, Gl09c, Gl09a, Gl097,
Gl098b, Gl099a, Gl099b, Gl09c00,
Gl00d, GC01, GC02, GC03, GC05, KLA+19,
TCC06, WTG+08, WTG+09, WTG+11].
Science
[CA87b, FM90b, Gl09a, KMK09, LIC92,
TLP95, CC02a, CA87a, CA89, CA90, Fl095,
Gl09c, Gl097e, HG18, KMM89, LvsL81,
RGV04, S0Z06, Stat02, VB99, ZL06, Zve90].
Scientific [Kel15, KSW93, LC06b, Rei90a,
ALRP16, DFJ19, GIE15a, Ke09, LNW+11,
Rya13, S1Z13, ZL13]. Scientists
[Gla96e]. Scientists
[LIC92, HG18]. SCOOP
[MNM12]. Scope [MB17, AKL14].
Scope-aided [MB17]. scoped [LMvV09].
scopes [CHL+19]. scoping
[DFG+13, dSdMSN0+14]. Score
[GCSAddP11]. scores [Hus01, SA18].
Scoring [RPL97]. screen
[CTL12, EAH+11]. scripts [Chu97]. Scrum
[RRK16, vWSB13, PPG+10, SRC16,
SBAH17, VvSV16]. SCRUMIA
[vWSB13]. SCTL [VAS+04]. SCTL/MUS
[VAS+04]. SCTL/MUS-T [VAS+04]. SDH
[GMS11]. SDL [WSQM05]. SDN
[MCC+18]. SE [II18]. SEAL [LL07].
seamless [hCSW+04]. seamlessness
Search [AWSE19, BWM06, CCH09, CVGP13, KOL+14, OO08, AAM00, APT+12, BL11, CCY11, CLI99, ECRVMS11, FLA+01, Gla95e, GZS+18, HNH15, HG18, JC15, JRSN10, KA16, LM15, LC00, LHHLG+15, MFTP18, MCV16, MGM16, MSGM17, ND18, PM99, PMDH13, PW+19, RRV19, RSBA19, SS15, SBA97, SED16, WHY+12, WAG15, WXZ+17, YZ08, ZK04a, ZC08, ZGL+10, HLS+13, HC15].

Search-based [AWSE19, KOL+14, OO08, HNH15, LHLG+15, MFTP18, RRV19, RSBA19, WXZ+17, ZC08].

search-centric [CCY11].

Search-order [CCH09].

search-order-coding [PMDH13].

searchable [KTT+17, RPSL10].

searches [Ano91c, Gla91i, PTK00].

Searching [Tan96, TP+09, Mus03, TBC+16, XZG10].

Seattle [Mil89].

Secondary [Kus90, WK88].

secrecy [Tse07].

Secret [CT07, EA11, LT04, WS13, CT11b, CLH+13, CW14, EEA13, FWT05, GLW13, HH10b, HLC99, LT13, LyWSZ10, LHY12, MBB11, UUN11, UUN13, WZ11, WS12, WOLS12, YWEL+13, YC11, YCC16].

secrets [DM07, TCC02].

Section [BKW10, BCDM06, BFLZ13, KB07, LW02, SLR16, Sol87].

Secure

[GZS+18, JTH97, KMS04, LH11b, RMC05, SCH05, ALT+09, ABFM12, CDA11, CC09a, CCL11, CW14, CH10b, CL13, EZ014, FS06, GKD13, GRBNA10, HLT09, IB11, KKKH11, KLLH07, LLY07, LH11a, LSR13, PSdO+13, RG10, RITF+11, SM17a, SC14, SZ98, SXYM11, SS13, TLL12, TSH12, WF07, WLI+13, YC12, YZ05, ZG10, ZZ12, ZMN05].

securely [SYT+17].

SecureSMS [SC14].

Securing [CPL13, OM13, PK+16, CH07a].

Security [BM83, CDS10, CC02b, HRB12, LKH08, LKH09, LL07, MvS95, AV02, AMKD13, ANG+19, AMHJ09, BP13, BSG+18, BL11, DAR14, DK01, EFG+08, GPM08, GJ08, GMS11, HFE10, HY95, KOS15, Kim07b, KJLKO7, LHC95, LLLZ06a, LLLZ06b, LDS+19, MBM+09, MK13, OS09, OLV15, OKMD12, PS12, PCCB+11, PL07, RO13a, RPSL10, RRC07, Rya13, SZ11, SLZ12, ST07, SZZ06, SHT05, UUN11, VB09, VH02, VW11, WPP+09, YFT+15, JRB+06, YKC+12].

Security-engineering [VHF02].

SEED [KPR12].

Seeding [HOT97].

Seeing [GW10].

Seek [CCSC07].

seek-optimizing [CCSC07].

Seeking [KJ01].

seem [Gla96g].

segment [WG+09].

segmentation [HHC12, KSRD10, ST11].

Segmented [ACGS+08, CGSGR06].

Segmenting [AHLH16, KSRD10].

SEGRAS [Kr091a].

SEI [BT05].

SEKE’01 [VE03].

SEL [RUV92].

select [WHYT06].

Selected [DHKV06, LH12, Sa09, B012].

Selecting [CDD+04, DF00, MS97, RS8+14, WDS09, LMPM18, OZ97].

Selection

[AHC+11, CL97, DAS6, Fra90, J010, LH90, MMSH92, Pas96, Vel87, Zvi93, AM10a, BWB+18, CPR13, EFSSJ17, GPM13, GWW+11, HJ12, JS11, JKL19, KNA11, KLC02, LXG09, LQ04L12, LT+15, LWZ+16, LNTS19, Loo05, MBB01, MK08, MSA08, MK15a, MB17, MI13, MAC17, NDM80, NCW+19, OZO+14, PB15, PBM15, RAK15, SM00, SPP17, TCK14, TC16a, VJB06, WHL9, WQJ10, WGC+14, WCX15, WXY+17, WH15, XLL+19, Zha12b, MGM10].

selective [LIW13].

selectivity [HLW08].

Self [ABB15, BJG11, BBD18, BM17, CHLW17, EK12, GB+16, HWR17, JS16, PCYZ12, SRT+12, Sh07, ARS17, BSK+18, BCW05, BD08, CCtL+16, CV16a, CWH00, CPY14, CG12, CTA94, DWC17, FCB+16, GSP+19, HPT07, HGP+12, HM16, KKG+12, LL06, LT13, LY01, LZR16, KMS+18, MCS+12, MAS13, PCW12, PSMB01, PPM12, PDL+16, QXYL16, SB17a, SSK19, SGEK19, TJT+18, WMAS12, WH03, WL09, YXP+18, CV14].

Self-adaptation [BBD18, GBH+16, JS16, CCtL+16, CG12, FCB+16, GSP+19].
Self-adapting [BJG11, HGP+12].
Self-Adaptive [ABB15, CHLW17, HWR17, ARS17, BSK+18, KKG+12, LZR16, PPM12, QXYL16, SB17a, TJJ+18, WMAS12, XYP+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].
Self-certified [Sha07, BCW05, CWH00, LL06, WH03, WL09].
Self-authentication [LT13].
Self-aware [SGEK19].
Self-certified [MKS+18, SSK19].
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].
Self-motion [CGPT14].
Semantic [BG06, DH13, LZ06, MJF10, MR84, MV93, MM93c, Pon06, RMD11, VM93, XLM+15, Zhu04d, dBvV08, AV04, AV08, DJW08, EZRK16, KM17, KR14, LICA09, TTM13, VGL10, ZLT10].
Semantic-based [MOD+19].
Semaphore [NM93].
Semi [HZ15, BSG+18].
CdCMdMSNdA16, GGvH+18, KBHG17, OGRJ+18, PPS12, SPLW17, VA08, XB19a.
Semi-automated [BSG+18, CdCMdMSNdA16, SPLW17].
Semi-automatic [HZ15, GGvH+18, KBHG17, OGRJ+18, PPS12, VA08].
Semi-partitioned [XB19a].
Semiconductor [AT18].
Sensitivity [Eva83, BRC09, LHC+05, LWW+10, LTW16, XH08].
Sensor [DFCPSF15, AN10, Bar15, BRZ+12, BLM+08, BK11, CBS16, CLY14, CFN07, CLF+13, DBCDP11, FS06, HWT11, HSS10, JLYK09, KPS09, LCC10, LT11, LK11, LWOY16, LWN+16, LWC+18, LHP+09, LHP+10, MLK11, MBM+09, MC10, MT10, MKRO14, NSA10, NNVD17, SMS11, SGBCP12, TAF+17, TL07, TL09b, YH19, ZCT+09, CDRT13].
SentiStrength [IZ18].
Sentiment [ULS19, IZ18, JR15].
SentiStrength-SE [IZ18].
Separability [XY02]. separate [ADTZ12, Den01]. separated [PCC02].
Separation [CCF+04, LWW04].
Sequence [TC12].
Sequences [MTW97, LK13, LZ+06, MJ+10, Pra18, ZYY+18, ZJC+10].
Sequencing [HL83, LCCH02].
Sequential [AQ90, Sch91, HWL13a, HKH13, JFC08, LAH+16, SJC13, VHS9, KLS07].
Sersfs [Sri07].
Serialization [LL00].
Series [AGC13, KYPW06, LK04, LNY+11, SB17b, SKF17].
Serious [GSM15].
Server [W93, WNM86, ABW07, BHAM09, BLM10, C2D00, hChSyCwL10, CPL+04, EB17, Gl97d, HL04, HC19, HC04a, HWL11, MAS13, NX00, OFP07, SKZ+04, SMS94, SL17, THWC10, TCI6b, TLL12, YS04].
Servers [AKP04, CDC09, HH05, MA09, OFP07, SM03, TYH04, ZG97].
Service [AM15, CNG16, CBC+15, DST+04, EMSU11].
self-adapted [ABB15, CHLW17, HWR17, ARS17, BSK+18, KKG+12, LZR16, PPM12, QXYL16, SB17a, TJJ+18, WMAS12, XYP+18].
HBG+14, HS15, LS97, MPG+08, Nit98, Rv91, RV92, AJG+15, AT09, AKAA18, APM+14, AM10a, AK15, BBD18, BMLL14, BMKM15, BZ14, BDBLP15, BVV+10, CT00, CNF10, CDP17, CGPT14, DGV+07, DVV+16, DS16a, DY19, DTVO9, DLW+13, FYCL13, FMP09, FSG+11, GML05, GS17, GCLD13, GMMC13, HBG+13, HWLM11, IYS13, JLQ+10, KPTV09, KDS+08, KUK07, KMK17, KK98, LPR04, LPM15, LT09, LQW12, LFY+09, LZW14, LGL14, LG08, LVMPCLS13, LY18, LZG15, LG+98, MS17b, MGI07, MSL12, OL15, OCLL12, PK02b, PSS11, Pot13, PNM04, RAS14, RBW18, RT07, SW10, SKZ+04, SBG13, aSRS+10, TG17, TYH04, TSCB19, TDK+07, TDL+02, UZO9, WVT+14, WCX15, WXY+17, WN17, WBBK18, WYV+12, WJ14, XYL17, YM+17, YMM+19, YZ05, YGH+08, ZTC16, ZWM+18.

Service [ZMN05, ZHGL11, ZHAY12, ZGH97, dVRB13, BBEM11, CFFT08, LW19, MPRS14, OL15, SSM+09, WVT+14, YDB+12, ZS05a]. Service-oriented [CFN10, GML05, KDS+08, LMN10, aSRS+10, WVT+12, YGH+08]. Service-Level [Rv92, Rv91]. Service-oriented [AM15, CGPT14, GMMC13, JLQ+10, Pot13, WXY+17, dVRB13]. Services [Gas96, LP07, Rv91, RV92, AM10a, CDEV08, CLO05, CCH14, CO08b, CH10b, CMS04, FdP10, GFP11, GPSS+13, JCC05, JRB+06, JSR09, KTT+17, KSH09, LRO19, LKL+11, LZO+13, LXL+11, LNPAGD+06, MGB16, MCT11, MSA08, Oja16b, PSH06, PWS+15, PCG+14, PHBJ16, PNL07, RHL+17, SRGL08, SFMB16, SKK+18a, SCO13, SBB98, SKF17, TTM13, TTC18, TSPH06, VPL+10, WJ01, Wan19, XNBC11, YDB+12, YAT11, ZP05, Zha09, ZMK12, MPST06, ZL04]. services-based [SRGL08]. session [HLT09, SHBC19]. Set [CL97, FM93, ML95, SKY94, DW11, LLL+13, SW09, SW06, VSVV16, VJ94, WHMP99, WU11]. SETZ [VL94]. Sets [BCFG86, LV+93, MPST06, SS07, SSCLO8, TXC19, WD09]. Setting [Ano86d, Lea08, NI13, CW02]. settings [Fra07]. Several [SRGL08]. Seven [Ano86d, Lea08, NI13, CW02]. severity [SA18, ZC16]. severity [ZC16]. Service-level [Rv92, Rv91]. service-based [CFN10, GML05, KDS+08, LMN10, aSRS+10, WWY+12, YGH+08]. Service-based [KYPW06]. shapes [ZERO00]. share [HH17, LMWM18]. Shared [BW95, Haé86a, AHW10, CN04, GAW92, ISS98, Kar00, LF91, LUS+00, SBZ17, SMU98, USLC01, WDC08, Xia13, YYS+16]. shared-memory [Kar00, LF91]. shared-resources [AHHW10]. Sharetouch [TCCH12]. Sharing [CT97, FMP86, Sho91, TCC02, AAAC07, CT11b, Che13, CLH+13, CW14, EA11, FWT05, GGG19, GIW13, HHH10b, HLC99, INS00, LT13, LSH09, LUS+00, LJA+11, LyWS10, LT04, LLH08, LHYZ12, MQ+17, DM07, SAA08, TNK+19, UUN11, UUN13, WHY06, WIKH11, WS12, WOLS12, WS13, YWEI+13, YCVW07, YC11, YCC16, ZXG10]. shelf [AHC+11]. shelf [AHC+11]. shift [Sta03]. shifting [CSS+13, HC10, HTH13, WLC13]. Short [Sca88, LHZX12, San16, TH12]. Shortcut [Tho06]. Shortening [LZL+06]. Shorter [PPB16, ED06, LMT16]. Should [SW09, ED04, FFD+14, JLZ+19, KM13, ZZ16, Gla98]. showcase [CMK+11]. showing [RB89]. SHT [PDBD18]. shuffling [Pen11]. Side [KKP12, CL06b, MSA08, XNP07, ZGW+13]. side-channel [ZGW+13]. side-effect [XNP07]. side-match [CL06b]. SigDAQ [PK02c]. sighting [Ber02]. Signal [CWK10,
LLLZ06a, LLLZ06b, RITF+11, RA16].
signaled [SSK98]. signature
[BCW05, BMS11, CC09a, CWH00, CJT04, FWCS12, HWW01, HC04b, HYWS11, KBD09, LH01a, LHZX12, Sha05, SCL07, Sha07, Sha09, Shi10, SV12, SLLL12, SHT05, SXYM11, WC07, WH03, WYL06, XY02, YTH04, YKC+12, ZC05, ZM12].
signature-based [LLLH12]. signatures
[CC09a, CWH00, CJT04, FWCS12, HWW01, HC04b, HYWS11, KBD09, LH01a, LHZX12, Sha05, SCL07, Sha07, Sha09, Shi10, SV12, SLLL12, SHT05, SXYM11, WC07, WH03, WYL06, XY02, YTH04, YKC+12, ZC05, ZM12].
signature-based [LLLH12]. signatures
[CC09a, CWH00, CJT04, FWCS12, HWW01, HC04b, HYWS11, KBD09, LH01a, LHZX12, Sha05, SCL07, Sha07, Sha09, Shi10, SV12, SLLL12, SHT05, SXYM11, WC07, WH03, WYL06, XY02, YTH04, YKC+12, ZC05, ZM12].
significance [FMSG08, Mil04, SK02].
significant [MSGM17, Wu11, YHHR03].
Signs [vV13]. silver [Ano87d, SBAH17].
Sim [SSP+15]. SIMD [AT97]. SimFuzz
[ZZL+12]. similar
[ASMM18, TPNS+09, XHW99]. similarities
[MLZ+19]. Similarity
[HDLK00, MG11, Owo96, CH07b, DI01b, LQV+14, MER17, PXT+13, ZL+12, dBV09]. SIMPARC
[BAH96]. Simple
[KK81, ZR87, vD93, Ayr04, CCW02b, HL01, HLL01b, Kor99a, MT10]. simplex [PS14].
Simplification [OT17, CL17a, CCHT09].
Simplified [BK92, MR83, RRT01].
Simulated
[Ree85, CNM18, MK15b, PH06, TVA04].
Simulating
[GHK05, MWH98, TB00, BMES04, CS01].
Simulation
[AH90, BP86, Chr99, HWLM11, Kar94, LG97, Mer87, RW01, Rey80, SW93, WSN92, WNSC96, AH88, APW14, AWSE19, BGG+06, CB200, CT13, CXO+15, Chu97, CHL+13, CNF07, DB95, DIO1b, DL99, ED04, ED06, ELK06, FCM09, GW01, HRN+01, HFC+01, HMC01, HMC98, KMR99, KSN17, mJKME01, LJ09, LLV+09, MR01, NKJT09, PB11, PWCC01, PKR01, RVM99, RKO0, RCL99, SCGL+18, Sca99, SMS11, SLW+15, SLC00, SP08, SG01, Uzz13, VKL16, ZK04b, LAHS97].
Simulation-based
[AH90, HWLM11, AH88, AWSE19].
simulations [CT+08, DPP+18].
simulator [DI01a, LSAC04]. Simulators
[BAH96, dOCS13]. Simulink
[HBT16, ZC08]. Simultaneous [AZvG11].
since [GPD+19]. Singapore
[LC06b, PC98a, PC98b]. Single
[AH93, Sta09, ARMC16, ABW07, MDFG08, URG10, VL94, WGW+09]. single-company
[MDFG08]. single-link [WGW+09].
Single-Project [AH93]. single-valued
[VL94]. singular [XWZ14]. sink [CBS16].
SIP [bChSyCwL10, GFP11, HBG+14].
SIP-based [GP11, HBG+14]. Sirius
[TPGdS13]. STT [QXYL16]. site
[CT08, Pon06]. sites [CdR+14, FG15].
situation [YGH+08]. situation-aware
[YGH+08]. Situational [AH07, LK16].
situations [HCL+10]. Six [SM07, MVSG18].
Size [Bow84, Lok96, AP09, ASMN15, CGMPAP08, DW11, HT097, HRZ06, HH06, JH01, KPG+07, MCCC03, MMC05, RSGH12, SHBC19, WL10, WHMP99]. sized
[dSdMSNO+14]. Sizing
[BC91, Rei90a, VT87, Ber88]. skewed
[SC07]. skies [Gla00a]. skills
[CSNS05, MG04]. Skyline
[ILZ14, JHYK10, YZL+14]. SL-trees
[BF96]. SLA [LS05a, WZJ14]. SLA-aware
[WZL+14]. slack [SUSO04]. Slantlet
[TC14]. SLAs
[DTV09]. Slice
[Hsi91b, HU96, MLD+14]. Slice-based
[MLD+14]. slices [JG08, JJC+14, WQ06].
Slicing
[BL98, KL90, BB03, Kum95, Kri06, MKM+06, MM06, PB11, QBO+14, aSRZ+18, YBE17, ZS16]. sliding
[DS12, NDS13]. slot [RSR15]. slower
[PN06]. slowly [FS14a]. SM [Lop03].
SMACK [TDW+14]. Small
[DLG96, Eva97, HH97, RZ94, AT18, BdMSNO+17, DY15, HBOS13, Jor14, LMYMGT08, PPG+10, SS07, SSCLO8, VA17, dSdMSNO+14]. Small-Scale [HH97].
small-to-medium [VA17]. Smart [WSQM05, AMCC14, AKA+15, CFL+18, GGB19, HCC10b, KKP12, LLL06, PBM19, Sko14, YSL+10, WHN+01, GSN+15, BBC+08, HWdS+15, LZL+15, PCG+14].

Smart-Cards [BBC+08]. SmartTutor [CHZY03]. SMCD [EA14]. Smdc [YNDS88]. smear [HHC12]. smell [SRJL+18]. Smells [GK18, FLRT19, GPD+19, KHW19, LS07, OKS+15, SS18, WFF18, YC13, FFWE17].


Snort [WHC07]. snowballing [DVPY+19]. SOA [PZ15]. SOAP [DZ05]. SoC [CTL10, KPT09]. Social [AZX14, BV18, GMGTdFR14, Woh16, AGBD14, CdR+14, DJW08, ECRVM11, HY11, JLY14, KAU16, KB16, LS17a, PSM12, RNC14, Sko14, SJS13, SHH+15, TCH12, TPTV17, WSM15, Wyn01, dVRB13, Cha17].


Soft [HJP15, CF12, KMSMD08, KR08, LSE12, SLS08, WX10, ZERO00, ZW15].

SoftClass [MRW+94]. Softcost [Rei87]. Softcost-R [Rei87]. Softening [Sne83].

Softest [MS81]. SoftProcessors [WLZ+17a]. Softw [AAH12b, WZM12a, XTZX13, wZG14a, YWEL+13].

Software [BKSM14].

AM81, AAGT16, AB16, AS10, APL95, AK16, AJMP96, ACCD91, Amm91, AC16, Ano84c, Ano86d, APS+10, Ara95, AN93, AS96, AM94, Bab91, BWP16, BH02, BGS+16, BCEF10, BHXN05, BEZ14, BBF+90, BPQP+10, BF81, BdMSNO+17, BL95, BBND+18, Ber81, Ber91, BMB19, Bhi90, BBC+88, BS96, BD10, BW08, Boe83, Bol97a, BST93, Bor12, BL03, Bos12, BC91, BN90, BW93, BCL12, BT97, BC94, Bro81, BHR98, BF90, Bux90, Cai98, CBT+14, CFL19, CA87b, CB89b, Carf2, Cav4, CS19, CL81, Cha95, CT94, CC11, CA14, Chr91, CV95, Cio91, CVGP13, CLO95, CR98, CW90, CRV94, CGD+96, Coos1, CUY90, CG05, CBOR88, CMS19, CSSW05, CGA08, CDJ+84, DS92, DGM93, DG92, DL94, Deh90, Del08, Del92, DJL93, Dah95, Di 87, DB86, DS85, Duv95, Dye87].

Software [Dye93, EB14a, ESWA18, Emn91, Esk89, EL94, Eva97, Eva83, Fali5a, FS88, FM93, FM90a, Fes93, FN99, FG93, FM08, FM90b, FWP93, FW97, Fis81, FF95, FF07, FG94, Gar13, GHC91, GI95, Gla88b, Gla89f, Gla90c, Gl90d, Gla90e, Gla91e, Gla92a, Gla92b, Gla92e, GV92, Gla93e, Gla95a, Gla96a, Gla97a, Gl97f, Gl97m, Gl90j, Gla00k, Gl90l, GC01, Goe80, Goe84, Gom98, Gom94, Gomez95, GMLSF+15, Gon95, GR97, GC94, GJ96, HL94a, Hagn91, HO97, HM00, Hbcc94, Ham81, HLS+13, HC15, Har95a, HC87, Har90a, Har90b, HST16, Hen95, HL90, HG91, Htf95, HD84, Hon90, HS95, HG98, Hur93, Is95, JED18, JVP+98, Jar93, Je97, Je97f, Je97e, JK00, JFL97, JIS03, Jos83, Joy87, Joy94, KH81, KC96, KB96, KKS84, KM17, KR14, KMM91, KMR99].

Software [KSH92, KS96, KAL97, KN97, KLY03, KR08, KT85, KPME05, KB07, KT16, KM13, KKS1, KL91, KJ10, KV05, KRC08, KCK+98, LH12, Lak97, LLM+17, Lan90, LV97, Lh98, LL85, Lea95, LF95, LP00, Lee93, LM94, LKJR10a, Le92, LH38, L99, LLLZ06a, LCCJ10, LGH+17, LTT92, Lin99, LPLS87, LHP+10, Loh84, tLF89, LF96, DGV08, LN13, LiSBA+08, Mac91, MM95, ML18, MH13, MSS18, MTG92, MM92, MCD02, MR80,
Mea09, ME10, Mey88b, MRW⁺94, Mil89, MTON94, Moh81, ML08, MB99, MB84, MP90, MDR06, MH04, MK90, Mus80, Myr90, NLS⁺07, NS87, NG91, OHK93, OG80, OH94, OW84, PH06, Pan81, Par00, PBC93,Pdf94, PFd97, PW10, PM90b, Pha94, Phi98, Phi98, PMB15, PL92, Poo93, PC98b, Pora93, PUS84a, PV06, Pul90.

**Software**

[PKB09, RTM19, RZ94, RVM99, RW01, RST98, RAC90, Rey80, RSBA19, RB93b, RCL99, RU90, SU83, SV93, ST09, SS11, SB88, Tak97, TL14, TAV92, TAA82, TDS08, TPS97, TGF18, TR93, Tsr90, TVK94, Tris16, TK93, TB95, UT10, VTL18, VZT17, VEO3, VDB18, VM93, WL15, Wa91, WTG⁺15, WLL19a, WH97, WL99, Wha90, WL10, WH19b, WSR⁺83, WLPL95, Woh16, WCTK12, WWF94, WF96, XHW99, YN91, YNS88, ZS95, Zel96, ZC97, ZP06, ZLCY06, ZH02, Zuc90b, dSdMSNO14, dAK18, vDB05.

**Software** [vS83, vW93, vC80, AHS88, ASGJ13, AJLS10, AZv11, AT18, AC91, AKH12, AZW07, ADC08, ACS07, AC17, AW07, AD07, AK08, AGB18, AS17, AHA12a, ACG⁺15, AVG19, AVTJ18, AAG05, AMKD13, AM18, ARS10, APW14, APS16, AKL14, AL05, ASMM18, AGC13, Aml00, AKKS11, ABC⁺13, ABG02, AD17, Ano87d, Ano87f, Ano88d, Ano90d, Ano92f, Ano94d, AB10, ABL15, AA11, ACGS⁺08, A00, ACPS10, ACW10, AS16, AHC⁺11, Ayr98, ANC11, BKZ⁺06, BVN07, BL09, BP13, BCBZ14, BW⁺18, BH03, BM05, BMA⁺13, BAO5, BM81, BK515, BNvD05, Ban08, BCFP18, dOBWT04, BCR⁺19, BJ03, BV16, BM89, BCDM06, BKH10, Ber03, BTV06, Ber94, BFLZ13, BCL⁺18, Ber98, BZ14, BLTY18, BGG10, BK95, BFLP09, Bi13, BD17, BRS⁺18, BBS10, BDA⁺02, BDM⁺19, Bra89, BKB⁺07, BWDP00].

**Software**

[BW01, BDK08, BS15, BK11, Bud00, BT05, BM00b, CX10, CB16, CCW⁺01, CC02a, CGHL07, CC08a, CJHM08, CCdL⁺16, CGS19, CGP⁺05, CJT⁺16, CCM12, CdS18, CFMR11, CA87A, CA88, CA89, CA90, CTZ92, Car99, CSNS05, CdAd018, CdSdSG⁺18, CdCMdMNd16, CBVC16, CGL⁺04, CKCK15, CCGT06, CLR18, CJ05, CC07, CCG⁺10, CH09, CC09b, CKJ09, CHL17, CSM⁺17, CZC⁺18, CB05, CH07b, CS01, CD10, CL15, CL17b, CC08c, CL14, CNSG12, CMR19, CBS00, CO12, CO08, CBV19, CK15, CU98, CDZ07, CdOB07, CSM15, CPR13, CPRT16, CN00, CPV⁺14, Cow05, CGS06, CGMP08, CNMR18, CSK⁺89, CFA⁺19, CCMOM19, DI05, DXYP03, DLW08, Dav88, DZ00, DSB05, DBO05, DC17, Dnu01, DGRN10, DF08, DJW08, DS04, DWC17, DNBM12, DS98, DI05a, DI10b, DCT17, DL99, DD01, DGCA17, DCP12, DIW⁺13].

**Software** [DRW00, DFG⁺13, DSN13, Dut15, Ebe99, Ebe07, ESM⁺19b, EbAT13, ETM10, EB14b, ELH00, EBO0, EGR01, ES09, EE08, EC04, EL07, EBC10, EKO0, EZRK16, Eri92, EK13, FHL⁺18, F07, FKA16, FY04, FM11, FOR19, FP19, FCSM09, FBB⁺12, FK01, FdSBR06, FFV19, FS17, FFDG⁺14, FMRM15, FRGC10, FCB⁺16, FW00, FCRF16, FP96, Fug99, Fug03, FA197, GAMW14, GL14, GM05, GMMGP15, GRRX01, GPP⁺17, GV10, GZ13, GCBCD15, GCDY16, GK18, GGT⁺19, GJ16, GCC16, GR05, GBH⁺16, GD12, GK08, Gil88, Gla86, Glav89c, Glav89g, Gla91d, Gla92d, Gla92g, Gla93h, Gla94a, Gla94d, Gla94g, Gla94b, Gla95c, Gla95b, Gla96b, Gla96b, Gla97g, Gla97b, Gla99a, Gla99b, Gla00c, Gla00d, Gla00i, Gla00j, Gla00m, GCO2, GC03, GC05, GC13, Gon08.
software

[GBD+16, dGFDL16, GPHS07].

software

[GTA14, Got93, GFWA18, GJ07, GSB+07, GDH05, GA13, DDF+13, GS07, GMMC13, GWW+11, GW10, HALS08, HBP+17, HNZ17, HT097, HH07, HJN11, HF08, Han12, HDGZ06, Har88a, Har00, Har04, Har99, HTB12, HBR19, Haz02, HH08a, HYS+04, HS11a, HHW01, HRS95, HSK9+06, HHH+99, Hf098, HKN+07, HP15, HFF+16, HMC01, Hua05a, Hua05b, HL06a, HT090, HLS13, HKR+17, HB0313, HSM16, IF19, IAA16, IS03a, IT03, IZ18, Iso98, IF10, JLGM17, JS11, JNY84, JPKP04, J06, JAvdV09, JBSL12, JG14, J090, JHSB09, JZ05, JZ07, JCY17, JKD02, JX07, JSM10, JS13, JTM04, J04, JFG07, JK12, J04, JDLs16, J06, JST10, JKL19, J15, JMS07, JC10, KLRW01, KCA13, KR16, Kam89, KCT12, KPS04, KNA11, KF09, KJ04, KBB05, Kic10, KMKY07, KSS03, K17b, KS17, KM14, KCS08, KAM13, Kru08, KTF+16, KR16, KS16, LD00, LHC95, LWB+13, LvSLS1, LCM+13, LR99, LMIV15, LWsH19, LF15, Let00, Len97, LXG09, LXG10, LAT10, LG15, LUS+00, LCH+04, LJA+11, LJS05, LH08, LSD+16, LS98, Lip79, Lit80, Lin98, LKB06, LSV+06, LDL07, LCC10, L17a, LSL17, LHC+05, LH06, LLM16, LM11, LM13, LMA15, LMNA17, LMJ96, DPC03, LL11, L204, LRLZ16, LZC98, LZ96, LG03, LVC14, MYZC06, MSB8, MS03, MB12, MWM12, MdOBW+15, MNS13, MEB+10, M16, MAH18, MCH17, MB06, MFTP18, MC16, MR01, MB97, MRT17, MFMCY12, MeB08, MA89, MV09].

software

[MGBC17, MVS08, MGBE03, MKNS06, MA08, MS17, MGNA18, Mer13, Mey88a, MT13, Mi00a, Mi02, Mi04, MDMA06, MB17, MKK09, MA10, MPAA15, MdFD+15, MGvFGC10, M0HB08, MD16, MSK+17, MR00, MSSMDC12, Mor99, MSB+02, MA17, Moy00, Mur99, Mur08, MKHLB16, MO84, NLK04, NCK+15, MMM13, NH13, NR04, NJ07, dONTF+19, NBA+15, NCW+19, NZW05a, NZW05b, NKZ17, NC88, NSM17, NBM19, NER01, O'B08, OSG98, O008, O009, Oja16a, OD10, OY16, OB13, OCC13, Ö18, Ozk97, Özn09, PEO11, P120, PK02a, PB11, PB15, PDC01, PAB+17, PLHP+15, PCH12, PSM30, PS05, PH13, PCYZ12, DNAM05, PCGD02, PCV+08, PPM14, PFB13, PTRW04, PIGÖ08, PKR01, Pf99, PB00, PPG+10, PK89, PR17, PS27, P129, PC98a, PCC18, PDL+16, PUS4b, PFL16, PVS05, PN04].

software

[GBD+16, dGFDL16, GPHS07].

software

[GTA14, Got93, GFWA18, GJ07, GSB+07, GDH05, GA13, DDF+13, GS07, GMMC13, GWW+11, GW10, HALS08, HBP+17, HNZ17, HT097, HH07, HJN11, HF08, Han12, HDGZ06, Har88a, Har00, Har04, Har99, HTB12, HBR19, Haz02, HH08a, HYS+04, HS11a, HHW01, HRS95, HSK9+06, HHH+99, Hf098, HKN+07, HP15, HFF+16, HMC01, Hua05a, Hua05b, HL06a, HT090, HLS13, HKR+17, HB0313, HSM16, IF19, IAA16, IS03a, IT03, IZ18, Iso98, IF10, JLGM17, JS11, JNY84, JPKP04, J06, JAvdV09, JBSL12, JG14, J090, JHSB09, JZ05, JZ07, JCY17, JKD02, JX07, JSM10, JS13, JTM04, J04, JFG07, JK12, J04, JDLs16, J06, JST10, JKL19, J15, JMS07, JC10, KLRW01, KCA13, KR16, Kam89, KCT12, KPS04, KNA11, KF09, KJ04, KBB05, Kic10, KMKY07, KSS03, K17b, KS17, KM14, KCS08, KAM13, Kru08, KTF+16, KR16, KS16, LD00, LHC95, LWB+13, LvSLS1, LCM+13, LR99, LMIV15, LWsH19, LF15, Let00, Len97, LXG09, LXG10, LAT10, LG15, LUS+00, LCH+04, LJA+11, LJS05, LH08, LSD+16, LS98, Lip79, Lit80, Lin98, LKB06, LSV+06, LDL07, LCC10, L17a, LSL17, LHC+05, LH06, LLM16, LM11, LM13, LMA15, LMNA17, LMJ96, DPC03, LL11, L204, LRLZ16, LZC98, LZ96, LG03, LVC14, MYZC06, MSB8, MS03, MB12, MWM12, MdOBW+15, MNS13, MEB+10, M16, MAH18, MCH17, MB06, MFTP18, MC16, MR01, MB97, MRT17, MFMCY12, MeB08, MA89, MV09].

software

[MB08, MA89, MV09].

software

[MDBC17, MVS08, MGBE03, MKNS06, MA08, MS17, MGNA18, Mer13, Mey88a, MT13, Mi00a, Mi02, Mi04, MDMA06, MB17, MKK09, MA10, MPAA15, MdFD+15, MGvFGC10, M0HB08, MD16, MSK+17, MR00, MSSMDC12, Mor99, MSB+02, MA17, Moy00, Mur99, Mur08, MKHLB16, MO84, NLK04, NCK+15, MMM13, NH13, NR04, NJ07, dONTF+19, NBA+15, NCW+19, NZW05a, NZW05b, NKZ17, NC88, NSM17, NBM19, NER01, O'B08, OSG98, O008, O009, Oja16a, OD10, OY16, OB13, OCC13, Ö18, Ozk97, Özn09, PEO11, P120, PK02a, PB11, PB15, PDC01, PAB+17, PLHP+15, PCH12, PSM30, PS05, PH13, PCYZ12, DNAM05, PCGD02, PCV+08, PPM14, PFB13, PTRW04, PIGÖ08, PKR01, Pf99, PB00, PPG+10, PK89, PR17, PS27, P129, PC98a, PCC18, PDL+16, PUS4b, PFL16, PVS05, PN04].
VM07, VM89, VK08, VMB*08, VLC*17, VB99, VVA*15, VEM*01, VBC*14, VP00, VHFS15, VHFF*17, WPC06, WCC12, WWSZ15, WKbOS17, WWB09, WB12, Wei79, Wes02, WMC17, Wey99, WGS14, WWSS13, WCV*18, WBF+03, WK00, Wil89, WHB01, WRR14, WR99, WrdMSN*13, WSM15, WSQM05, WTG*08, WTG*09, WTL+11, WLL17, Woo80, WAWO12, WDN05, XLW18, XH98, XYS07, XYCL17, XB19b, XLP*19, XNP07, YMM*17, YMM*19, YFZ*16, YLXZ16, YLA16b, YLA16a, YCA17, YAKK16, YHMS16, YSO2, YKC*05, YR09, YLCZ12, ZÅ15, ZADA15, Zei88, ZP00, ZSP01, ZML10, ZLC*14, ZCY*16, ZCC18, ZWF*18.

software [ZFY*19, ZGYS*15, ZL07, ZLZ*96, ZSP15, ZP17, ZOS05b, Zwe90, dSF12, dL13, dBV08, dBV03, doZR+04, dOSdAdSG17, dSBA13, dB12, dRT06, fLSN18, vVT16, Ano91b, Ano95b, Bas80, BB08, CCCY17, DB86, Glax8c, Glax91f, Glax98i, Got90, IBAH12, JWT17, LAHS97, LMWM18, MA89, MP12, MMB10, NFSM11, Qu94, Shi12, TTT14, VM89, VPMVM*13, WVT*14, WB10, Ano19]. 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 [TSC04]. solid [nWsCqW12]. Solidifying [VPMVM*13].

solo [Miul07]. Solution [BBG86, Chr86, Gla90e, MBCD86, RT86, CHY*05, GGS*19, HHH*10a, LQLC16, PPN*15, Th94, TBC*16, nWsCqW12, Wij03, XJZ*15]. Solutions [FN86, CJ09, FCMI12, FCRF16, KSKP11, KG90, MSSI18, MAEL19, Rya13]. solve [DRCA*19]. solved [Ano91c, Gla91i, Gla98f]. solver [EK12].

Solving [CJT04, HCDJ08, Rod86, ADTZ12, ACH19, BRS*18, Dar02, DSSL09, EMBS17, Gla89d, KK17b, KEK04, PA99]. Some [AM94, Bro81, Gla89g, Glao9a, Glao9f, Gla91h, Gla97i, Gla97h, HL94b, IS03a, JZ05, Sah94, Wm01, ZK94, CTY01, HHKWB16, Lit80, MNO18, MKK09, PK99, SHT05, WY06, BW80, Glax94e, Glax98i, LF98]. Someone [Gla92b, Lak93]. Sonata [GBDCR12]. Sorry [Het95]. Sort [Krä91b]. Sorting [Ver89, Amn89, MM01b, PS09]. sorts [Gla00]. sound [LSR13]. Source [CR90, LTHR97, LMWM18, MP12, NVPGMPS17, OHL17, Shi12, AW07, ACB18, BGH*08, BCG*14, CAHV15, CF07, CLL05, CHL+19, DH09, DDGR09, DFCPS15, ESM19a, EAH*11, FMSG08, Fug03, GPPT16, GW10, HNZ17, HBR19, IKBH14, KTF15, KKT17, KR14, HKMA12, KKA*19, KK17b, KL07, LAT10, LWZ*16, LWZ12, LRD*19, PAB*17, RGBM06, RA16, RNR17, SMR09, SHW09, SM08, SSA08, SG12, VGSN18, WFF18, YLXZ16, YSC*06, ZQZ*06, ZEO3, ZFY*19, CFMR11, DHKV06, GL14, KGM06, LLS11]. Sources [HSS14, CDOP15, LWZ*16, NTR11]. SPA [LLT*09]. Space [KA96, Zha08, BAI*14, DGRN10, LWHS05, LO04, MM19, PM99, PA99, PWC12, RKK16, TPH*06, VVA*15, WHMP99, Xia13, Zhu04a, Zhu04c, vHJPB*17]. Space-efficient [KA96]. spaces [CGS19, GBDCR12, LO04, PN14]. Spam [PAC13, ROFGFRM13]. SPAPE [BKSM14, BKSM13]. Spare [VV99]. spark [MPN*17, MK17]. spark-based [MPN*17]. Sparse [CBK96, vV10]. Spatial [LY01, CC04, CL98, HSL14, HLL01a, LC00, LWHS05, Lin00, MLGA11, MC10, PCC02, RVC17, TPN*09, YWWS10, YL09]. spatio [CMC04, Lin12a, ÚDUG04]. spatio-temporal [CMC04, Lin12a, ÚDUG04].
spatiotemporal [KRK00, KRP02]. Spc [DB86]. SPDX [KKT17]. Special
[AC19, ADMOK+10, BCEF10, BEZ14, BFLZ13, Bor12, BKW10, CCCY17, CL18,
CL81, CA14, CL11, CU89, CU89, CGA08, Dut15, GP10a, GH08, Har90a, LH12, LW02,
LP17, MAC19, MS17a, OPS11, Sol97, TZB19, VZT17, WB19, Won10, WCTK12,
YAT11, Al 12, Ano84c, Bec86, BCD06, BCG+13, CCM12, CdS18, DIB14,
FKA16, FOR19, Goe84, GBG+09, Har88a, JNY84, JWT17, KB07, ML18,
MJ19, NBM19, PB16, Pla95, SLR16, WMAS12, 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, Spi01, ZGH+07, VPdP13].
Specification [Ara95, Art87, BFR96, BMSG94, BBC+88,
BS93, BST93, CL81, CGD+96, DA86, DR92,
FdBK06, Fur93, HL98, JVP+98, JL97,
Jma96, KD91, Krä91a, Kra93, Lai97a, LL97b,
LKKL01, Lin93, LF96, Mih6b, MvS95, NC96,
NSS3, TKU93, VP92, Wal91, WSR+83,
WWY+12, YGH+08, Ano93c, BZ10, BNR09,
CF13, CLSC98, CL99, DBZ16, DLB04,
GPH08, GHKR04, HZ07, Jav88, KU10,
LKR13, LW07, LL99, LPAGD+06,
MVSG18, MA11, Ost92, PLCC09, Rob98,
RG79, SGK12, SCdS+06, SdSGdMN+13,
TFS10, VAS+04, YS02, YKK*05].
Specification-based [JVP+98, HZ07].
Specification-in-Large [Ara95].
Specifications [AM81, Arm98, Bel91,
BM93a, BCFG86, Coo90, DGM93, EC98,
GMM90, GMPI94, JvB83, Krä91b, LF98,
Lin95, LCZ98, MG81, PU84a, Ura90, Ber98,
EBB09, FRF98, GA13, HCS04, HY+04,
jHjW08, JMM99, LYCO4, MSB98, Nae01,
OSG98, OL99, PU84b, SAMN12, TC89b,
WW09, YLC06, ZAO08, dIRT06].
specificity [IZ18]. Specified
[BG96, HCWN05, PRN17]. specify [ZC06].
Specifying
[BCK00, CH83, De92, DHJ05, KZDX90,
OS87, Rec93, Sny00, ZYA+18, MGR+13].
Spectral [SMDM05]. spectrum [AZGvG09,
AMAY19, BPM06, CCWT13, JJC+14,
MMSD13, TXCX19, XYZ+19, ZYX+17]. spectrum-based
[AZGvG09, XYZ+19, ZYX+17]. speed
[ELK06, NaLO0, ZXP+10]. speeding
[WH+09, dNPM18]. Speedup [BP86]. SPI
[PW10, CO12, WR10]. SPI-LEAM [PW10].
SPICE [REF+07]. spin
[HPT07, AsdMGM14]. spin-locks [HPT07].
spiral [Sai07]. spirited [HL10]. SPLIC
[GP10a]. splines [BFV04, ZL07]. split
[HC+16]. split-and-merge [HC+16].
splitting [LWOY16, VVS99]. sponsored
[FHT07]. sporadic
[wZfG13, wZfG14a, wZfG14b]. Spot
[LZ16, WMOY11]. spots [WLZ+17a].
Spotting [HHH+16]. sprays [HHH+10a].
spread [BPM06, MMSD13]. spreading
[HLWS13]. Spreadsheet
[DK94, Lit90, NB93, ZR94, CFM+16,
JSHW14, KHW19, XZC+17]. spreadsheets
[LT13]. Springer [Zha08]. sprint
[GRT13, FJ98, LHCT19]. spyware
[CHY+05]. SQL [BG06, FGB+19, GLOM19].
SQLIA [Aba13]. squaring [LKP13].
SQUIRE [KLS07]. SSL [JR+06].
Stability [MGvFGCB10, SB17a].
stabilizing [BDRK08]. Stack
[Am89, BK89, CHB94, CCD19, GXZ+19,
SLC00, TCSC04, ZFY+19]. Stack-based
[Am89]. Stack-Heap [BK88]. STAD
[Las90]. stage
[CCC05, ED04, KK07a, XLL+19].
stage-activity [CC05]. Stages
[DLG96, BCB99, Dav88, MAAC17].
staggered [PLF05]. Stakeholder [Hoo14,
BM00a, JKWL09, PG12, vdRBSvV10].
Stand [DF00, ST89, SSD16]. stand-alone [DF00, ST89]. stand-up [SSD16]. Standard [BBC+88, Bow84, Sch81, AHGSS05, CC09a, GMR08, KRHZ0, MG11, Rom98, REF+07, SYXM11, WZM12a, WZM12b, YC12]. Standardization [Coh81]. standardized [GS17]. Standardized [Coh81]. Standards [Ano86d, Ano87f, Eng81, Fis81, Tre81, CF07, CBS00, EG00, LCM+04, Mar81]. Standby [PK02a]. Start [BV18, AADAD02, MTF14, WHYT06]. Starring [BV18]. Start [RB93a, FHL+18, SAR15]. start-up [FHL+18]. started [AS10]. starting [SvV08]. Startup [BBND+18]. Startups [ESWA18, TKP+18]. starvation [SMZC12]. State [BL98, Duv95, FN86, FG94, GAMW14, Har81, Het95, LDS+19, MDP+11, PMR16, RBM95, RW00, YHM+14, ACS13, ABL15, DCG16, DHJ05, ED06, EFSJ17, HM09, LDL07, MRY17, dONTF+19, PM09, PW09, PDBD18, SZ06, Sto92, TJJ+18, TS89, nWsCq12, WMAS12, Zha16, KMWL12]. state-based [LDL07, SZ06]. State-of-the-art [PMR16, Sto92, TJJ+18]. statecharts [GHKR04, SAMI17]. Stateful [HMP99]. Stateless [CL18]. Statement [BG16, TH05]. statements [HH06, SK+18b]. States [Chr86, TS89, Duv95]. Static [ABS19, BL98, CMP85, EKVO5, OMLB16, SLL+15, WG05, ANG+19, BS12, CPILH09, FP18, PDS19, PS00, SC88, SL07, SNDD19, TVK95, WMWZ12, YLC18, ZS16, ZOu06]. statically [QOLJG16]. station [HL00b]. Stationery [Mue86, MKRO14, MJZ+10, ZL17]. Statistical [Bro81, Dye93, FS88, KMO91, Mio04, THGL07, CLH07, CKM06, ED04, FP18, KSN17, LNY+11, Luk11, ML+14, dONTF+19, XYCL17, ZCT+11]. statistically [YAKK16]. Statistics [AH90, EC04]. Status [FGD+17, LZHS11, Mat86, Rav81, Ano95h, ZS95, GBC11, PMMM11]. STD [Wal91, Coo81, KvV06]. Steady [FN86]. Steady-State [FN86]. steganographic [Kir09, LCC10, WWT08]. steganography [CDS07, EEAZ13, LyWSZ10, LT04, LW+10, SI2, WKHI1, WOLS12, YCYW07]. stege [Kir09]. stego-image [Kir09]. Steins [IPL93]. Step [RA96, vC80, CCDD00, HYX09, SH17, YCF+13]. Stepping [Car02]. steps [dONTF+19]. Stepwise [RA85, SPSR17, CDC09, SSP17]. stereo [CW12]. stereotypes [SSMV16, SKW06]. still [LC02]. Stitch [CG12]. Stochastic [BT17, FN86, HMC01, KMMG01, KP97b, LM94, WSN92, ZW15, vD93, AC16, BH12, CCG+18, FCB+16, HM09, HCC91, KEK04, OH15, PACH15, SHY03, BM07]. stock [KMS04]. Storage [Kus90, LLGZ13, Maz81, ZK85, BT17, CB89a, FNWL18, GCSSDP+18, GPPS+13, HL01a, LJK03, KKL01, LMT16, LZC14, Luk11, MCEC03, MCC11, MP94, MK80, OSH+18, WK88, WCB+17, YTW+13, YS+16, NC10]. store [DII+17, GNA17, KCR16, MQG+17, SH17]. storefronts [CCF+04]. stories [MH12]. story [Gil88, GlA94d, GlA96d, GlA98c, Lai97d]. Strange [Gla96]. STRAPS [Fai85a]. strategic [BCV06, SM08, UZ09, Uzz13, VLC+17, Wau19, WCC99]. Strategies [Elh92, FZ93, LKL02, PBB99, Tar92, VAJ18, WR99, BMOKAM09, BFPPS+08, C11, CG+15, GQ12, HS15, Jor10, KLT07, mJKME01, KA17, LO04, MVLJ18, NWZ05a, NMS17, Oja16a, RB16, ROFGFRM13, SD16b, SJK07, TLO7, YWHL11]. Strategy [CW97, UH86, ZE11, CTY01, HSC15, HMC98, HO91b, HL02, KCO9, KHM13, LVL+13, LNY+11, LZC14, YLC14, MLHL12, MC04, ND80, PCC02, SRS15, UDUG04, WFWL09, WGC+14, WC11, YC08a, YLC06, KMKYO7, LZL+15].
Stream-based [LCLL08].

Stream-Oriented [JO83].

Stream-Oriented [LCLL08].

string-based [LCLL08].

Streaming [KFS02, KD05, CDC09, CSG05, FGC10, HHL06, LG05a, LT09, LLW12, LLH16, MLHL12, vdSJ+07].

streams [CPS11, CJL11, CTL08, DS12, KK17a, LJ12, LLML13, NDS13, PTM08, VTZ+17].

street [Gla95j].

strength [AZ11, CWK10, HCT+15].

Stress [FAI94, AL10, FAI97, GBL08].

String [Maz81, Cha93, MM01b, Mus03].

Strings [MS97].

Strings [CPS11, CJL11, CTL08, DS12, KK17a, LJ12, LLML13, NDS13, PTM08, VTZ+17].

Strings [Maz81, Cha93, MM01b, Mus03].

String-Oriented [CG94].

Structured [AR90, CR06, MP90, PL92, Poo93, AC17, BDO11, CFMRL11, HL09, HZCD05, KOL+14, KCV+19, LMIV15, LVM07, LC08, NOPF12, PXT+13, PACH15, SM08, VMJS06, WHL89, XLM+15, YZ+18].

Structurally [FM90a].

Structure [Arc81, BCD92, BY85, CG94, Gla95i, GR97, HU96, MK93, Taa80, BF96, CD00, DPMDO7, GAKF13, HTB12, HCC91, HLL01a, HR10, JRSN10, KHW19, LGW09, LXB12, LHC+05, QGZ+15, SM17a, TMBO2, TLW+12, dSF12].

Structure-based [Gla95i].

Structural [AR90, CR06, MP90, PL92, Poo93, AC17, BDO11, CFMRL11, HL09, HZCD05, KOL+14, KCV+19, LMIV15, LVM07, LC08, NOPF12, PXT+13, PACH15, SM08, VMJS06, WHL89, XLM+15, YZ+18].

Studies [PW92, CdS18, CRSS14, DDP14, Del08, GNA17, Gla97i, Har00, HWC+10, JCYT16, Jor04, KK06, KSI19, LCM+13, MPTT14, PPG+13, PCC1dGP12, SAH12, Sol87, UGFK15, WRdMSN+13].

Study [AH90, AR94, BGB90, BBP96, BMP97, DGM93, DJL93, Dol97, Duv95, EC98, FZ93, GK91a, Gla96h, Gor91, HO97, JVP+98, KMO91, KBM18, MRW+94, PT91, Rv92, SN91, SAA93, SSR18, Sw94b, Sta93b, SB88, TOY95, TL95, TLPH95, Ulu95, Wic92, WSD81, AH88, ASGJ13, AJG+15, AAC07, AAGT16, AB16, ADC18, AW07, ACB18, AN01, ASS07, ASG17, AGC+15, ANG+19, AL05, AmMD17, Am100, ACS13, AAC12, AAC+17, ABJ+17, AHC+11, BKZ+06, BRB14, BCFP19, BP80, BB89, BBND+18, BCD+18, BMB19, BAM17, BLTY18, BGG+08, BFPAGS+08, BS12, BAAD17, BDM+19, BHVR18, BvD06, BT03, CSF+04, CJBHO8, CS15, CGP+09, CdSdSG+18, CCTO6, CLSA01, CW02, CL04a, CC10, CXO+15, CC08c, CO12, CPR16, CGS1906, CM2AP08, CNM18, CFA+19, DvdVA13, DVP+19, DZO5].

study [DSB05, DZRH04, DF00, DLM19, DFCR96, DJ08, DFG+13, ECI5, ESM+19b, ED04, EGHO16, EED16, EBC10, EBB09, ELHC13, FAB+07, FSGY17, FLRT19, FCL+00, FLA+01, FS01, Fra04, FMAR16, GMMGP15, GRRX01, GCDY16, GR05, GKP98, Gla89b, Gla97j, dGFD1L6, GTF15, GPPT16, GsS16, Gur01, GW10, HHKWB16, HBP+17, HJN11, HF08, Han12, HLAB99, HAHH06, HBVG08, HBJ+99, HLS+17, IF10, JSL16, JWA14, JLL19, JCYT16, JAS19, JP00, JH01, JR15, KBJZ15, Kan15, KLTO7, Kar94, KFN19, KFLS18, KJS+12, KNA11, KSI19, mJKME01, KPME02, KPM05, Kit10, KR98, KSM+16, KQ17, KMG+19, KBRV17, LWSH19, LS07, LXiG09, LAL15, dPLV19, Lin99, LSaC01, LTO11, LWC06, LO04, LPB19, MBF12, MLVJ18, Man16, MAH18, MBDC17, MF08, Mael19, MMT06, MFM10, MP+15, MT98, MVGFCB10,
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MGR+13]. study [MRS18, MRRS19, MD16, MLHMG14, NCS10, NCW+19, NWZ05b, NRG08, NVPGMPSM17, NBF16, OK11, OBS+18, OWG19, OCC13, PSS+16, PAB+17, PLM07, PWS+15, PTF+15, PB04, PLF05, PV18, PSVG05, PV06, PSG+09, RTM19, RR06, RDPM19, RAS14, RR98, RG04, RS98, Rob98, RGBM06, RASL12, RHL+17, RB16, RMI9b, Rom98, RVMCM17, SCMS15, Sal02, STS+19, SCwY12, SCL13, SMS11, Shi12, SKRB19, SSvdW99, SV19, SKKL07, SHS16, SSA08, SCC16, SND13, SNJ+07, SSD16, SLL14, SSL+15, SKF17, SAN+17, TKZW17, TKSOP11, TAJ+10, TAF+17, TdCAF16, THGL07, TD+07, VHF02, VBC+14, VAS+04, WGK09, WKH09, WRR14, WM95, WHMP99, XH98, YC13, YLA16b, YLA+17, Yen00, YHMS16, ZSG16, ZK04b, ZXC17, ZFY+19, dSDMSNO+14, vHAT13, vHPB+17]. Style [OC91, BB89, Mvd08]. styles [BGG+06, KBDGAW16, KG10, LJDK10, MKS10, MCV16, SRSC16, Wli03]. sub [ELHC13, LLZW14, YZC15]. sub-patterns [YZC15]. sub-swarms [LLZW14]. sub-system [ELHC13]. Subdomain [MPS86, PAOC15]. Subdomain-based [PAOC15]. Subgraph [BL98]. Subgroup [Sch81]. Subject [Ano80d, Ano81d, Ano84d, Ano85c, Ano86e, Ano87g, Ano88c, Ano88g, Ano89h, Ano90e, Ano91d, Ano92j, Ano93h, Ano94h, Ano95i, Ano96n, Ano97l, Pha94, EA14]. subject-based [EA14]. Subjective [SL80, AL10, ELH00, LY18]. submesh [Aba06]. subscribe [CDRT13, HBG+13, LJC16, LVMPMCL13, RMD11, YSK06, YSK09, LJD10]. subscriber [SO03]. subscription [YSK06]. subset [XLL+19]. Subsets [BT97, GUL96]. substitutes [TTC15]. Subsystem [Lak97]. subtree [LWX10]. Subway [DGM93]. Success [SMH92a, CC08c, CO12, DPVvV19, DPL16, GGC16, Gla96d, Gla98g, Gla98c, Gla00b, Ifl11, JKD02, Lai97d, LSD+16, MP12, MKK09, PCV+08, PHR10, PSVG05, PV06, PKB09, RH02, RCCV11, RS98, SNDC13, WSJK08, WH01, WRI10]. success/failure [Gla98c]. successes [FN09]. Successful [OT92, JZ05, SM08, ZADA15]. successive [BdAD94]. Sufficient [Hen88]. suggestions [BD16]. suitable [DF98]. Suite [FY96, CdCad18, CMT02, FAM15, Gur01, HCT+15, Li98, Li99, WAG15, YH10, ZYZ14, LGM+18]. suites [AZ11, CWK+11, MH11, SPMG18, YZ08, ZA00]. Summarizing [RDVC19]. Summary [Sc88, JZL10, HL09, VM90]. SUMMIT [BDGR01]. Sun [SSF15, WYL06]. super [ZL21]. supercomputer [SMM17]. supercomputing [GJP96, RGH17]. superscalar [CD10]. supervisory [GWvD08]. supplementary [SYXL17]. supplementing [BS12]. supplier [SAR15]. supply [CPS11, JJP02]. Support [ARAS94, DR84, KB96, MP90, NS87, SW95b, TTP97, AK08, AHP14, Ait00, BKF+06, BCG+04, BWL10, BGL00, BDG13, BFV04, CNG16, CCh99, CL04b, CD07, DB95, DLB04, EE08, EL10, EH19, GML05, GPM13, Gl96c, GAWC91, HNZ17, HP16, HCB+16, HH08a, HK09, IBM11, JZL07, JSB09, KLL+11, KSO9, LL09, LF91, LM96, LLM04, LZG15, Lut00, MLHL12, MKS10, MGI07, MPG+08, MSHB98, MIKG13, N113, NXS00, OAC11, PH06, PLVB+18, PH13, PWL10, PH07, PBD+12, PV18, QHS08, RR09, RO13b, Rey89, RT07, RDD02, Rom99, RA16, RRM17, RDVC19, SK11, mSgtLO5, SPD07, SFM99, TJH15, TTL10, URG10, WPL+18, Wen03, YHHR03, ZHS01, ZP05, FSS+13]. supported [AAN11, Bar94, BK95, BD10, FIBRGLN05, ISM11, KLL17, LNC01]. Supporting [AACT13, ACL13, DOBWT04, CFl+18, CPS11, DS98, GGP+18, HBG+13, HBG+14, HP16, JS13, LDN04,
supportive [SKK+18]. supports [CHL11, Gla96h, HWL13a]. suppression [LM13]. sure [JTM04]. Surface [SF92, CPRT16]. Surfing [BAI+14]. surprising [Gla98i]. surrogate [MPLL18]. surrounder [LSZ+07]. surveillance [MJZ+10, XLM+15]. Survey [AM81, AM94, CDS19, HCL+10, KKA+19, Rus90, AAC16, ABC+13, AMH+10, AT15, BGE+17, BCG+14, CCP+18, CL99, CC08c, CRKH11, De97, ERI92, FBE+18, FB04, GV18, JSHW14, KPT+09, KY92, LA+02, LD00, LKRTS+18, LCM+13, LSD+16, MCH+17, MArD16, OK18, PWS+15, RST98, RRV+19, Rya13, San16, SS18, SSK+19, SNDC+13, TBGH+10, TTR+13, TKP+18, WWSS+13, YLA+16a, ZXTT+11, dSB+12]. Survey-based [KKA+19]. surveys [JWA14, Sta+14]. Survivable [WMD+10, WGY+08, GWG+09]. survival [HCW+05]. Surviving [CLY+14]. Sustainability [GL14, NCWK+18, CFAP+17, VCB+18]. sustainable [GGS+19]. sustained [SDG+17]. SVM [TLL+13]. SW [BBC+08]. Swarm [AZ11, PGP+19, DRGC+12, LLZW+14, MDO+10, YYWW+07, dCPV+10]. swarm-inspired [MDO+10]. swarms [LLZW+14]. SwiFT [LCH+04]. Switched [PH93]. Switching [GFP+11, CCdR+16, CTHW+12, SYBN+12, aSRZ+18, WL51b, WMOY+11]. swizzling [MC04]. Symbol [Maz81]. Symbolic [CR5, Di91, Fr+83, ACH+19, BS+12, CL98, EED+16, LC00, dCPV+10]. symbols [SB+17b]. symmetric [DCH+02]. Symposium [Bor12]. Synchronization [HK+01, YWT+07, CH05, DGWC+16, FS06, MV06]. synchronized [SG+06]. Synchronizing [KM89, LZCL+19]. Synchronous [PH+86, BKR+19, CCL+01, KKH+16, PK0+1a, Tan04]. syndrome [AH+88, MSN+11]. synergies [BF+08, JTW+98]. synergistic [TPG+11]. synergy [ST+11, Zhu+06]. Syntactic [Har+88, CJL+11, KOL+14, QLBS+17]. Syntax [BDM+93, EA+19, vEHvV89]. Syntax-Directed [BDM+93, vEHvV89]. syntaxes [PC+10]. Synthesis [AMN+08, CDJ+84, CC+18, CC+06, CD+07, KK07, LA+99, OH+90, SD02, YGH+08, ZCT+09, rBH+17]. synthesised [KMW+12]. synthesized [NSDI+16]. Synthesizing [AMCC+14, CGS+19]. synthetic [Kam89, PQLN+04]. SysML [CKL+12]. Syst [AAH+12b, APS+10, BKS+14, LJ+10a, LHP+10, WZM+12a, XTZX+13, YWE+13, wZGF+14a]. System [Amm+91, ARAS+94, At00, BW96, BE+81, BG+96, Bo+97b, BAL+1, BBO+96, CHB+94, Coo+81, DR+84, Dam+94, DK+08, DF+84, ES+85, Fai+85a, FC+96, FK+92, Ha+86a, Ha+89a, HJ+90a, HS+91, Jr+94, KLRW+01, KS+96, LO92, Loh+84, Mai+96, MS+81, MBCD+86, MG+81, Me+87, MHI+92, Moy+96, NS+87, OHH+93, OT+92, Pha+94, Pl+92, Pow+86, PW+92, Rec+93, RB93b, RT+93, RA+86, RF+84, SG+93, Sam+93, SW+94a, Snu+94, Snu+83, SG+01, Stu+83, SCK+86, TC+93, TK+95, TW+95, Var+91, Whe+81, Wic+92, WSR+83, WTS+95, YNS+88, YCGH+92, Zho+94, ZM+96, Zim+84, vS+83, vC+80]. Subsystem [CGL+04, CC02b, CC04, CCSC+01, CLCY+04, CH+11, CTL+12, CK00a, CJZ+04, CHZY+03, CC+06, CNSG+12, CH+13, CD+05, CNL+07, DII+17, DvDVA+13, DFCR+96, DB+06, EH+91, ELHC+13, FB+09, Fie+89, FNWL+18, GB+16, GH02, GP+13, GH04, GAWC+91, GPPT+16, GB+15].
GAK92, HCB+16, HLAB99, HWM01, HCL12, Hoo14, HAE+15, HC01a, HYC02, HHL+97, HWL11, Ii11, JS11, JM96, JC02, JJP02, JKDO2, JLCO4, KK11, Kar94, Kar98, Kar00, KUK07, KGM06, Ksn08, KFS+02, KAK+13, KA14, KRP02, KLP10, KJ97, KJ99, KGG18, KGT02, KW00, KSM+16, KMK16, KLMC06, KK10, KH10, KJLK07, LWS+03, LHC95, LHL05, LS17a, LP93, LH04, LSZ+07, LLLL12, LS07, LXG10, LLLK10, LKJ01, Lin00, LM96, LKB06, LHP+09, LHP+10, MCL+17, MS16, MAH18, MHC00, MV09, MDMC06, MCS+12, MCV15, NI13, Nee96, NXS00, NJ17, OHBR90, OD10.

**System** [OBS79, ÖKT09, PK10a, PNY14, PH13, PL99, PM04, PMB99, PP94, PL04, PDBD18, PP04, RAK15, Rey89, RH06, RJHK08, RA16, Sal80, ST13, SMHMA0, SK03, SW96, SL02, SVMAM04, SV19, SGW+15, SB12, SMK+18, TSRP11, TG17, TLZ+16, TYH04, TTL+13, TKA+02, TCCH12, TDW+14, USLC01, VP07, WRT+13, WBW+06, WKH09, WGW+12, WKD+19, WKV11, WL01, WC99, WKL04, WLL+13, WHC07, WW00, XB19b, YC13, YWLG02, YSG17, YH13, YCW15, YCLC17, YYWW07, YSK09, ZHS01, ZSM04, ZML17, ZG97, ZXG10, dRSBA13, ESRF19, LLGZ13, WFY+19]. system-level [JC02, WL10, YC13]. **system-on-a-chip** [CGL+04]. **system-specific** [HAE+15].

**system-wide** [HCB+16]. system/software [CSNG12].

**Systematic** [Bat08, BEK+19, GCAH18, IHA16, KBM18, PHBJ16, SKT17, TDT08, AJG+15, AAGT16, AB16, ADCO18, AKA18, AVG99, AM18, APW14, ABJ10, AS16, BWP16, BKS15, BCFP19, BBND+18, BMB18, BTLY18, BDM+19, BKB+07, CX10, CP15, CS19, CNMR18, DLM19, DPL16, DBCG14, DZT+14, ESM+19b, FSGYP17, FK01, GRR16, GJ16, GNA17, GA11, dGFDL16, HBK+17, JED18, JCYT16, KBJZ15, KGB11, KNA11, KSIZ19, KG09, KQ17, KBRV17, LFW15, LL15, LZO+13, LAL15, dPLV19, MWM12, MH13, MRT17, MRY17, MAEL19, MGAN18, MD16, NVPGMPS17, OGRJ+18, ÖT18, PG12, PP+13, PMB15, PFO+19, RAK15, RSBA19, RHL+17, SNL16, SRJL+18, STA19, SL03, SLB14, SN07, TTM13, TAF+17, TLGE18, TC18, VLC+17, VCMG17, WPL+18, WNC17, YLA16b, ZADA15, ZSG16, ZGYS+15, BPQP+10].

**Systems** [ABB15, Ano19l, Art87, BEZ14, Bar86, BW83, Bha84, Blu86, BAL81, BT97, BM83, CL94, CZ91, CLO95, Co192, DS94, DR92, DGC96, DV94, Ehi92, Emd91, FM86, FSA78, FM90b, FM87, Fur93, GMM90, Gla92a, Gla96a, Gla97a, Gom94, Gom95, GC94, GDF86, Ha86b, Ha89b, HST16, HFK92, Jef91, Jos83, KO95, KB96, Ker92, KPE05, KP93, Kor93, Kri93, KNT16, Lan98a, Lea95, Li99, LLLZ06a, LSD95, LVB+93, MW95, MR83, MG04, MO90, Mor86, MMSH92, MP90, Mue86, MP95, NC96, Nir96, OG80, PdC94, PdF97, PH86, PL96, Pop92, PZ94, Pre95, Rah92, RW97, Rei90a, RT86, Sag95, Sah94, SAASA94, Sau95, Sch91, Se93, SKEF95, She90, SM92a, Sta85, Sta90, SP94, SYB97, TTT3, TTT4, UB19, Uh95, Uh97, Ura90, WLL19a, WSN92, WNS96, Woh16].

**Systems** [WM96, YMM+19, YPF94, ZEB88, ZCd96, vS96, ÄCF+07, Aba13, AC19, AZX14, AZW07, AB16, ADMOK+10, AR18, AHL16, ACRD19, AAC16, ÂRM16, AB15, Aiti00, AMNT08, ABW07, ACW10, BC00, BL19, BSK+18, BM18, BRC09, BRMA+99, BLL+18, Bar94, BPO+16, BD16, BHH+12, BFPAGS+08, BM17, BT17, BDM+19, BWDP00, BKRW19, CX10, CCG+18, CS19, Czd98, CSMC19, CGP+09, Car94, ÇT13, ÇZUB99, CWK+11, CCY11, CCH17, CLY+17, CIB+19, CET+08, CLC08a, CL99, CYT16, CM05, Cho04a, Chun97, CHL04, CKC15, CBK02, CS04, CDDF99, CNKL12, CHO11, CH10d, CGW08, CDS19, CG05, CSM15, CDP17,
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CCMOM19, DMQ07, DXPY03, DMV98, Del08, DST+04, DY99, DZRH04, Deu01, DLT99, DGL+08, DWC17, DBZ16, DFJ19, DNSH13, Dut15, ESW06, EZOK14, EGG+11, EB14c, EBJ17, EK13, ETYL15, FKA16, FVHF+15, FOR19]. **systems**

[FKFWH19, FIGCLN+02, FRR09, FTC16, FTSC12, FW90, FGBC10, GK13, GMPN16, GVPPM18, GBL08, GJ16, GMR17, GTA09, GBH+16, GSP+19, GP05, Gho01, Gie79, Gla94a, Gla95c, Gla98b, Gla98g, Gla98h, Gla98d, Gla99a, Gla99b, Glao00c, Glao00d, GC02, GC03, GC05, GP98, GMLSF+15, GCC+15, GHBD+16, GMS07, Gru07, GJ08, GWEDE07, GBC16, GM11, Hal92, Hylw+12, Hm17, HCN00, HTK00, HA03, Has98, HSM+07, HZG+12, HN12, Hoa94, HK13, HL00a, HB1+99, HGB13, HLC+09, HDLK00, HL02, HL06a, HFRHS09, HH17, HZ07, IBP03, ISS98, INS00, JZL07, Jia99, JK19, JSM10, JS16, JAS19, Jun00, JRO12, KRD16, KMSMD08, Kam89, KHSD10, KHS11, KTF15, KLT07, Kar01, Kar04a, Kar04b, KY92, KH14, KLY03, KMS04, Kim07a, Kim07b, KKL+11, KAS18, KJ01, KGG18, KK07b, KSS03, Kor99b].

systems [KDEK04, KPG+07, KM89, KAM13, KP07, KLGH07, KKL11, KHC16, LJT10, LJC16, La99, yLcY98, LBC01, LKL02, LLM+17, LBS+07, LMS11, LM10, LSE12, LSI7b, LW02, LK02, LFCL12, LH01a, LLKL04, LR04, Li11, LLW12, LWL+13, LG15, LGHR16, LSH09, LS+00, LS09, LCLL07, LL10, LK11, LW04, LYY09, LC11, LNW+11, LNY+11, LLL+14, Lok06, LSC14, Loo05, LW06, LDS+19, LSL11, MJF10, ML03, MKL+00, MM00, MEH05, Mar81, MRT17, MBAG11, MB19, MAEL19, MMTL06, MPLL+15, MR99, MR00a, MA11, MNSA15, MNSA16, MD89, MHLMG14, MM00b, Nae01, NCK+15, NCW18, NL99, NKMM12, NQ98, NK15, NPC12, NTdSX13, O’B08, OFWP07, OA08, Ost92, OSH+18, OKMD12, OB13, ONZ09, PM99, PLCC09, PSM12, PSS+16, PKN96, PK02a, PK02b, PKL03, PS09, PCHW12, PTB08, PB19, PLM07, PICY12, PPM17, PGPC17, PFG13].

systems [Phi04, Phi06, PH07, PRN17, Pla95, PB04, PFL05, PK01b, PDL+16, PZ15, RRD06, RC89, RA15, Rav03, RXY+19, RG79, SMG08, SYBN12, SSCM+04, SJR+11, SÁM+16, SN16, SZ06, SUST04, SSO05, SL08, SRT+12, SM00, SG06, SW95a, SK03, Scd002, ST01, SZ98, SM06a, ST89, SMCL96, SMU98, SP08, SY02, SFSE05, SY16b, SJ17, SS14a, SKKL07, dSSJV08, dSSV11, SK04, SA05, SDG+07, SP03, SL01, aSRS+10, SHH+15, SJH+10, SAN+17, TLW07, TZ12, TT09, THP+06, TT98, TNA01, TW98, TS89, TM98, TAB+16, TVK94, dTSS08, THWC01, TCG06, TMD07, TCS18, URG10, Uh98, VM00, VM12, VRPT18, VZT17, VRG+16, VHFS15, VHFF+17, WFF18, WL17, WMWZ12, WSM+95, Wen03, WMAS12, Wey99, WK88, WC+98, WBBK18, WM99, WGT+08, WGT+09, WGT+11, WB15].

systems [WX10, WWY+12, XYS07, XB19a, YAY13, YWWS10, YT+13, YGH+08, YS13, YKC+05, YSK06, YSC+06, YR09, YSSA14, ZSS8, ZMAER89, ZK13, ZMB14, wZG13, wZG14a, wZG14b, ZM06, ZAO08, ZZ88, ZZ05b, dLGR06, ABCH13, GC01, JTW+17, WFTY19, WL10, ZAY19].

systems-centric [LS99].

t-learning [LNPGD+06]. **T-REX** [CM12]. 'T. [YWEL+13]. **Table**

[Har81, WWLG13, YLC08]. table-based [YLC08]. **Table-Driven** [Har81]. tables [JC98, JLYK09]. tabling [AR17].

**tabulation** [Ano94d, Gla94b]. **TACFIRE** [Sal80]. tacit [RO09]. tactical **ETYL15, STS+19**. Tactics [MLB09, UB19].
Bra89. tell [CPT05]. TelosB
APS+10, PAS+10. Temperature
WX10, ZCC+17. Temperature-aware
WX10. Template
ZSGS93, GCSA+11, ZZ16. Template/Module [ZSGS93]. templates
NBA+15, OKS08, SGK12. Temporal
IS03b, Jma96, LPR04, Pra18, UH96, BNR09, CMC04, CTL08, Gla89i, KRC00, LCY00, LLC+09, Lin12a, LNW+11, MP94, MC10, NG08, NMG08, O'B08, PM94, SKE10, UDUG04, VT99, WWY+12, ZC06. tenancy [KBJZ15].
tenant [LZG15, MCC+18, MVLJ18, PHBJ16, WVT+14].
tendency [MRS18]. Tension [Gla89f].
Tensor [nQYD11]. tentative [LZY+15].
Tenth [FM90b]. Tenure [AP97].
term [Kel09, UD10]. terminal [CMS04].
terminals [FIGCLN+02]. termination [MC98]. terminology [BDMK03]. terms [CAHV15, DHJ05].
tertiary [KSIZ19, NBF16, RTM19]. Test
AG15, AMiLM17, BCFG86, CZC+18, Dye93, FLN91, HMO18, KMK16, LCH90, LCL+12, MS81, GMM10, OKOM97, Pas96, Sam93, SD16b, Sed93, SSC16, Tia96, Vel87, WHMP99, AAGT16, AZ11, ABC+13, AWE19, BFLZ13, BGLG13, CL18, CF13, CWW+11, CLSC98, CKL08, CKMT10, DL06, DVPY+19, DW11, DIO1a, EFSJM17, EGM+11, FWA09, FAM15, GK18, GSK18, GZ11, GTY12, GP10b, GDP+19, GEM15, HBT16, HN17, HWC+10, HY01, HOC10a, HPH12, HCT+15, JG08, JF99, JC15, JCK+17, JKL19, KYP+03, KAS18, IWN03, LQW12, LNTS19, LC08, LLW19, MB01, MH11, MCTM11, MDMC06, MB17, NS92, OL99, PS13, PSS+16, PAOC15, PWA+19, Pra18, QBO+14, SPMG18, SW09, SA08, SB12, TAS+18, TGKL19, UGFK15, WQJZ10, WGC+14, WAG15, WXZ+17, WZT+18, YZ08, YH10, YLC06, ZYZZ14, ZJJ+17, ZYZ+17, ZZC18, ZAY19, ZAO08, ZTPT18, BMKM15. Test [DL06, ZLL+12].
test-case [HCC10a]. Test-Driven
BMKM15, DL06. test-point [BGLG13].
test-to-code [QBO+14]. Testability
[VM93, AAM16, BVD06, SS04]. Testable
[BL95]. testbed [RLY+13]. tester
[RPSL10]. testers [SW09]. Testing
[ABCH13, Ber91, Ber93, BM96, BMP97, BKKW10, BM93b, Car96, CLSC98, CKMT10, CPR13, DGM93, FZ93, FW00, Gla93i, Gl93i, HZ84, Har99, HOW+08, JVP+98, JvB83, KG+96, Las90, LTO8, MG81, Ml96b, OH94, PBC93, Pla92, PU+84a, SCK86, WCTK12, XHM+11, Zs+88, ANG+19. AAM+17, Am+00, AAB19, AL10, AWSE19, BRB14, BBEM11, BAAD17, CGHLO7, CJHB08, CNM18, CFR+11, CCCT06, CCHT09, CBG09, CKM06, CLK08, CLK09, DGBE18, DXPY03, DBCG14, DFG+13, EED16, EL07, FIBRCLN05, FFV19, FWH97, GBL08, GV10, GZ13, GSK18, GP10b, GCM17, GHD05, HZ+16, HMO9, HJP15, Hua05a, Hua05b, HL06a, HPH12, Jen99, JCYT16, JCK+17, JKL19, KAO13, KSN17, KGT02, KSH+12, LA+09, LA02, LHJ10, LCM+13, LVM07, Len97, LXJL10, LQW12, dPLV19, LH08, LNTS19, LC08, LL+14, LG+19, LYC14, MK16, MFTP18. testing [MRT17, MFMCY12, MS17a, MI04, MN19, MDR06, MSHG18, MUR08, OD17, PS13, PK10b, Phi05, PW18, PG+19, PG04, PAC15, PV18, PLP04, PU+84b, QXY16, RRW00, RB16, SD16b, SCL13, SSP+15, SA08, StA03, SRTB18, TTM13, TG17, TT13, TTT+14, VJB06, VMJS06, WHL89, WBB09, WM95, XLW18, YCG+14, YSSaR14, ZSG16, ZC08, FH10]. testing-effort [Hua05b, LH08].
testing-resource [DXPY03]. tests
[CPV+14, JZ07, Kim17, RBS19, SCC16].
Texas [CR89, MP89]. Text [Fis91, Ree85, TOY95, BLTY18, IZ18, Kan15, Mus03, PWC12, SI12, SL17, TCK14].
text-based [PWC12]. Text-Oriented
[TOY95]. Texts [Yan94, MR00a]. Textual
[HG91, Sny91, AS17, OFR+12, QBO+14].

**TFRP** [CLH07]. **theft** [BTPLST15, CKCK15]. **Their** [AR94, Ber93, Car96, KLV+93, MD91, BT05, CFL+18, CHN19a, Er92, HRRC16, KCV11, LJ16, MNO18, PSZ17, RSB+14, SW88, VLL18, WFF18, vHAT13]. **theoretic** [BG09, MJ89, MDMC06]. **Theoretical** [SOS+16, CGMPAP08, LWL+16, ZYZ+17]. **theories** [Moy00]. **theories-of-action** [Moy00]. **Theory** [GN15, Gla90h, KAL97, KP93, yL98, Rv91, Woh16, Ano94d, BM89, CTZ92, CL17b, CO08, DC17, Gla89i, Gla94b, Gla95b, Han12, JG14, JMML17, KJ04, LJ99, LPB19, ML03, PTRY04, SSD16, VA17, WSM15, XJZ+15, Gla93c, Gla94f, Gla94h]. **Theory-Based** [KAL97, KJ04]. **There** [Gla90d, Gla91h, Gla95f, Gla97g, KL11, Gla95f]. **Thermal** [TC16b]. **thermal-aware** [CKC15, TC16b, ZW15]. **Thermal-throttling** [TC16b]. **things** [Gla90f, MOD+19, PC15]. **think** [Gla93h, PCV+08, PVSG05]. **Thinking** [CMR19]. **third** [AHC+11]. **thoughts** [Gla89g, Gla94e, Gla97i, Gla97h, Wyn01]. **Thread** [ISS98, LCLS16, CD05, TLZ+16, WLL19a, WLL19b]. **Thread-level** [LCLS16]. **thread-related** [TLZ+16]. **threads** [WLL19a, WLL19b, WCV+98]. **Threat** [Rei90b, TCS18, Zuc90a, WSJ14]. **threats** [CRL+12, KOS15]. **Three** [CH05, MPS86, Sf94, CLC08b, CDZ07, DGWC16, KSM+16, LWC+18, LZC14, LO04, ST13, SCH05, TC16b, YC09, YC12, ZMAER99]. **Three-Dimensional** [MPS86, DGWC16, LWC+18, TC16b, ZMAER99]. **Three-layer** [CH05]. **three-level** [ST13]. **three-party** [CLC08b, SCH05, YC09, YC12]. **three-phase** [LZC14]. **three-tier** [CDZ07]. **Threshold** [CT11b, GLW13, WH03, YWEL+13, BCW05, HWW01, JL04, Kim17, SCL07, YTH04]. **Thresholds** [MSGGL12, FBB+12]. **thriving** [Gla97b, vV13]. **throttling** [TC16b]. **throughout** [BM05, Tia99]. **tied** [EZG15]. **tier** [CDZ07, WDC10, WDC12]. **Time** [AQ90, BP86, CL94, Chr86, Cla86, CRV94, GMM90, GMP94, Gl91e, Gom89, Gom94, GR92, HW94, HFK92, wLyLH97, LM94, Leu92, LH95, ML95, NC96, OG80, OK94, PZ94, Rei90a, SKF17, UH95, UH97, WM96, Yua90, ZCd96, ZR87, AMP12, ABB19, AMAY19, AV02, ABC18, ACL13, ARM16, AGC13, AAC+17, Ati00, BFR96, BCK00, BLS18, BL19, BG98, Bak88, BMS11, BNR09, BCF+05, BKRW19, Cam00b, CCSC01, CCSC07, CPS11, CCKM09, CLL10, CZG+15, CKL98, CBL+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, Gla97g, GWDE07, GAWW07, GPPT16, GBC16, Hal92, HLY+12, HCB+16, HA03, HSM+07, HZG+12, HNS12, HCDJ08, Hao94, HLC+09, H00, HHL06, ICSC14, IYS13, JZL07]. **time** [JLZ+19, JA19, KMB05, KMSMD08, KC16, KY92, KCS01, mJKME01, KLY03, KMS04, KYP06, KR98, Kor99b, KMO09, KKiMT96, yL98, yLcY98, LLL00, LKL04, LR03, LF91, LP93, LL00, LKL04, LESL11, LSE12, LS14, LS17b, LFCL12, LR04, LRS+07, LWW+13, LK04, LIV+09, LC11, LNY+11, LW13a, LKL05, LHP+09, LHP+10, LKK14, LGS+19, MM00, ME05, MBD13, MFMCY12, MSAH16, MT10, MK11, MMTS15, MO84, MM00b, Nae01, NS00, NPC12, OW04, OAZ08, Ost92, Ozk97, Öz09, PNK96, PC04, PNY14, PPB19, PG15, QL03, RHM10, RVM06, Rav03, RXY+19, RGH17, RG79, SW10, SUS004, SSO05, SLS08, SSO3, SM00, SB17b, SMS11, SAKZ15, SY02, Shu03, dSSJV08, SBB98, SK01, SK10, Soc92, TAS+18, TLW07, TKJL13, TKJ15, THP+06, TC16b, TL09b, UHA98, VRT17, VT98, VT99.
time-based [SAKZ15], time-constrained [LKL05, SK01], time-critical [CGW08, Ozk97, SBB98], time-decaying [JLZ+19], time-division [MAH16], 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 [JPKP04], Timed [Chr86, CGW08, FZH95, LT07, LKJL01, LVB+93, WM96, DZW+09, HRD10, JS99, MXZ11, Nsl00, PJT+17, WKH09, ZyCkP01, ABCH13, CR06, YHM+14, ZLG10], Timed-Event [ChR86], Timed-Probabilistic [FZH95], timed-release [MXZ11], timed-token [Nsl00], timeliness [AV02], Timeslot [WHYT06], Timeslot-sharing [WHYT06], timestamping [NG08], Timing [GMP94, PdF97, Sah94, BCK00, CWK+13, CF12, Nae01, SAM+16, VT98], TIMS [SGL93], tiny [PYW+16], TinyOS [OML16], TOFF [CT00], TOFF-2 [CT00], together [ESM19a], Token [WK95, Nsl00, Rav03], Token-Based [WK95], token-ring [Rav03], Tolerance [Ban86, Fri90, KN97, KP93, SAASA94, WWF94, ZX94, AM15, CCH14, GH02, Hoo94, Lea08, LCH+04, RW00, SSO05, Shn99, SC09, WLC07, Zha09], Tolerant [BFW95, CG94, DG92, MS90, Mor86, Mue86, OK94, PdC94, Ram90, WTS95, WF96, AT09, CC01, CJZ04, CSW10, CT00, CNLV07, GPS+13, HTK00, JM96, LKH09, LFY+99, Lin07, LY09, LLH+16, NSAK10, SMCL06, 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, KSH09, LLL+97, ML95, NY84, NB93, OC90, Re99a, Rbd81, TTP97, AN01, AT15, ABFM12, BT03, CDGJ10, CMT02, CT13, FN00, HP16, HLAB99, HHW01, KPS+04, MMM00, MTA+16, MM00a, OAC11, PNL07, Rey89, RHRC13, RHRC15, RRM17, Son93, TAS+18, TVMS18, TC12, WD07, WBBK18, YZ08, ZGH+07], tool-support [HP16], Tooling [BBG+04, CPDM16], toolkit [MRJD+12, Rob98, TCMJ98], Tools [AM85, BYY87, Hen95, HO96, JP94, KP91, TKS95, TM97, Zim84, vAW93, ANG+19, Ano88d, DS98, ED04, Eri92, HBR19, KTF15, MG11, Ni97, PK98, RDP19, RAK15, RS00, TAJ+10, TCMJ98], Toolset [WH91b, MSHB98], Top [MM81, SHN14, Won10, HWML04, MLKL11, Gla07], Top-Down [SHN14, MLKL11], Topo [MM81, HWML04], Topic [CSN+17, Gla92a, YFZ+16], Topic-based [CSN+17], Topics [CA14, Ano94d, CC08a, CCD19, Gla94b], topological [TNK+19], topology [AN10, DMSG11, LLHY19, MARD16], TOPSIS [LY18], Tor [MK15a], TOS [ZPEL01], ToscaMart [BB+16], tossing [BNS12], totally [JHYK10], totally-T [JHYK10], TOTAM [BSDD14], Touch [SHBC19, CTL12], TPM [PYW+16], TPR [CMC04], TPR-tree [CMC04], Trace [MB19, CWK+13, CZH+08, EK15, GKV14, GXZ+19, dL13], trace-based [dL13], Trace-driven [MB19, CWK+13], Traceability [DF84, OC90, GE15b, LMvV09, LKJ10a, LKJ10b, MG12, MSS18, Ni97, QBO+14, SZPMK04, TJH07, TGE17, WPL+18, WBBK18, YSS+16], traces [AHLH16, CBMSM16, GKV14, IWF07, LZG07, MHLMG14, PH13, PDBBD18], 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, VTZ+17]. Traffic
[GBL08, PH93, BSK+18, CCdR+16, CCL01, DII+17, GAWW07, KM04, KMS09, LJM11, LLH+16, MPTT14, NsL00, PV94, VVS99, WC11, WMOKY11]. Traffic-aware
[GBL08]. TRAILS [WBBK18]. Training
[AP97, BN90, MP89, MMSH92, Rus90, Sai99, DBL+18, Fai07, KJ10, Let00, LMNA17, NBH19, PKR01, Sai99, SW05, XLL+19].
traits [ARH+17, BD17]. trajectories
[GSN+15, TPN+09]. trajectory
[CL17a, KPT13, VTZ+17]. Transaction
[KR98, KW91, KW93, Lai97a, Rah92, RW97, SW94a, Uh95, Uh98, CM05, DK15b, DWC17, KW00, LLL00, MMCB00, PJ09, TMB02]. transactional [KVT+17].
Transactions [BR90, HW94, ZM96, HyLW+12, KWE99, LLL00, LLK04].
transcoding [LG05a]. transcription
[RjHKK08]. Transfer [Gla88b, HJ91, JVP+98, Par98, ACDDG02, Glaga88a, MXZ11, Pf99, RLY+13, Sai98, WPL+18, YJZ17].
Transferring [HBCC94, MFTP18]. transform
[BGG09, CJ13, LHWS05, Lin16, NES+14, TK14, yWPyWyp13, WS13].
Transformation [GA95, Lan98b, BGT218, EBEL18, JMM17, KLL17, LKRTS18, Lin12b, MBPM19, nPHW+16, PRN17, Rey07, SHC+11, YHM+14].
Transformational [MB84].
Transformations
[AR94, CCGdL10, CCGdL16, DPL16, KZDX09, LKR13, SDB16, TSR18].
Transforming [SS14a]. Transition
[GC13, JMM17, Dav95, DC09, GN15, KK12, LCL15]. Transitioning [Wey01].
transitions [EAH+11]. Transitive [Fra86].
Translator [JN84, CR06, KKLC12, Kas18, Oi08, UhCLS94, Yeu00]. Translator
[HL93]. Translator-Based [HL93].
transmission [HKYO1, HCO4a, MMMS15, Ng99, NsL00, PS+13]. transparency
[DFCT96]. transparent
[AT09, CCdR+16, LLLK12, Lin00].
Transport [Fai85a, LHP+09, LHP+10, ST11, XZP+10].
Transporting [BP80]. Transposition
[HP92]. Transputer [Row86, YY93].
Transputer-Based [YY93]. Trapdoor
[RPRL10]. Traps [CYH04]. trash [Gla89f].
traversal [CJ90]. Treating [ BLL02]. Tree
[LH83, CMCO4, CV95, GGV+18, HWL13a, HLL1a, IFW07, KY09, LHY+12, NJ07, PDBD18, RLL+18, SC00, SA11, SS04, TW07, WQJZ10, ZLZ11, Zha12a, PDBD18].
tree-based [HWL13a, SA11]. tree-like
[ZLZ11]. Trees [PS90, BTPLST15, FP96, CGW08, LM96, SPDT06, WH99, KMWL12]. trends
[Ano95b, Chr16, GBCI11, 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
[MNSA16]. trivial [Gla89d].
trivial/brilliant [Gla89d]. troubled
[KP10]. true [KSAOK04]. truly [Gla89c].
Trust [AHH+10, BCLW11, AZW07, BVN07, KK11, MRM16, MLD16, RNR17, SFMB16, TR18].
Trust-based [BCLW11]. Trusted
[RT93, PWY+16]. trustworthiness
[KR14, LNY06, LY18, SXYW14].
Trustworthy [BEZ14, Sch03, KK11, LLLW14, MA11, XY07]. truthful
[KBRV18]. truths [KA17]. Tsao
[YWEL+13]. Tseng [LKH09]. TSTSS
[XLL+19]. Tukutuku [MDFG08]. tunable
Tuning [GSP+19, Lزل.97, Del08, DWC17, HPT07, PCYZ12, SRT+12]. Tunisian [FM90b]. Tunisian-French [FM90b], tuple [PA99], tuple-space [PA99], tuplespaces [JF04]. Turkey [GCB15, GCDY16]. Tuning [Gl95]. PKB09. tutoring [CHZY03, KP97a]. TV [AM10b]. Two [CFK91, Chr86, Del08, DHP86, Gla97k, HWC+10, KCK+98, MF90, MT13, MRW+94, Müll05, Sah04, SM92a, TC03, Ulh95, YSL+10, ZMAER99, Aab06, BV16, BS09, ÇB16, CK02a, DL06, Gru01, HJ12, HBV08, HY95, KK07a, Kar94, KL07, LC+13, LC05, PPG+13, PFL16, TgL+16a, XLL+19, KK06]. Two-Axis [Sah94]. two-dimensional [Aba06]. 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, QOLJG16]. Types [RR00, CPZF19, CPR13, LUS+00, MR18, ML08, WH15]. Typical [ZDC+11]. typing [SY16b].


ultrasound [CCW13]. UM-RTCOM [DGL+08]. UML [BM07, BLO06, CT09, CCR14, Çic16, FLA+01, GBL08, HJBH10, HJSB09, KZDX09, KSS03, KS15, LASE00, LCLP16, OT17, OD05, PC10, P SG+09, SDB18, SSH16, SKW06, TLGE18, TGP11, WWSS13, WPP+09, ZPEL01]. UML-based [HHBH10, JHSB09, SHS16]. UML-F [FLA+01]. UML/OCL [CT09, CCR14, OT17]. UMTS [OHJ10].

unanticipated [SM09]. unbalanced [PV94]. Unbounded [FN86, LGS+19]. uncaching [MC04]. uncaught [JCYC04, OBS+18]. uncertain [CZG+15, LW13b, MAG12]. uncertainties [CIB+19, PS15]. Uncertainty [CPY14, NLSK04, ZAY19, ATvHJ18, BCK00, BLL02, GE15b, JKWL09, M00, SFBM16, TGE17, WLL15, ZYA+18].

Uncertainty-wise [ZAY19]. Unconstrained [Ber93, HH06].

underfeeding [BBBP13]. undergraduate [Ale05, IF19, RH+18, SSvdW99].

undergraduates [SJ05]. underlying [dSF12]. Undersampling [LLC17].

Undersampling-Boost [LLC17].

understand [AD07]. understandableability [CFRPC+18, MNO18, MNSA15, MNSA16]. Understanding [AH88, AC17, CPZF19, CFA+19, DMQ07, EGHO16, FCSM09, FMR11, Gho01, Gla93d, GA95, KA18, KK+19, LAK93, LK96, MKNS06, MPS+12, NBF+19, PF99, QLBS17, SA12, SS12, SHW09, SSA08, Bat08, BM89, FTAM99, Kel15, KV05, ZF+19, Zhu04d, dSF12, BV18].


Unified [BFR96, Gon95, LA+96, BM98, GPSS+13, YLY+06, ZSM04]. Uniform [WWF94, CCW02b, GP10b, LC05, LC07, MGB16, PC01]. Unique [Gla97f].

UniSpaCh [PWC12]. Unit [Jør16, 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].
UNIX
[IBP03, WLC95, Bar86]. Unix-Based
[Bar86]. UNIX
[NI97]. unknown [HAE+15]. unlabelled [ZZC18].
Unreliable [XZP+10, PK02b]. unsolved
[Ano91c, Gla91i]. Unsupervised [AIE19].
The
unknown [HAE+15]. unlabelled [ZZC18].
Unreliable [XZP+10, PK02b]. unsolved
[Ano91c, Gla91i]. Unsupervised [AIE19].
Unveiling
[LAH+16, JLY14]. up-down
[WCLL09]. update [HyLW+12, IBAH12, L06, McDo2, YC08b, Zel09].
Updating
[FS91, GCS+11, MLC09, MIUM12, KNYS09]. upgrade [CSNS05]. upgrades
[BCBZ14]. upon
[Lin12b, WLC08]. upper
[KRH05, SS005]. Upperware
[BSG12]. urgency
[CBL+15, HLC+09]. URL
[HRRC16]. URLs
[CCY11]. US$1bn
[Rey07]. Usability
[HHSR94, NL99, PKL03, SKF95, AJLS10, AC+15, B03, BT06, BGG10, BS15, FAI13, FB04, FH10, HAH06, JAS19, JMS07, ONZ09, RRD06, RA15, SMHMA08, TPGS13, VHL14, WK15, WR10, WRR14]. Usability-based
[PKL03]. usable
[PSS11]. Usage
[BAH96, CM93, SHGT16, WH91a, GHBD+16, dGFDL16, NH12, NKZ17, PTF+15, PP04, QLSB17, RRW00, SOS+18, SL17, SPSR17, SS12, SG17, SRDLP09, Sta14, SK13, TKZW17, XSL+18]. Usage-based
[SHGT16, RRW00]. USDL
[GS17]. Use
[AB90, ARAS94, BGB90, CN00, Got92b, HZ83, Ham81, HK09, JM90, Kal92, KML94, MGJT87, RBM95, SL80, SB88, YN91, AD07, APW14, Bev99, BS12, BHVR18, CELS07, CCC06, CP07, EA19, EG00, ETR11, EBC10, FG15, GGK19, GP98, GTA14, HHKBW16, HGSB18, HBR19, HA03, JNY84, JK12, LS17b, MCHJ17, MG11, MAS13, MSK+17, MHLMG14, OGK13, RRW00, Rob98, SS14a, SDB18, SW09, WLD16, QZQ+06, ZYA+18, dB12, DJW08, SSP17]. use-case
[GGK19]. use-case-driven
[CC06]. used
[CB89a, Tha80, ZZ16]. usefulness
[ZZC18]. User
[BAL81, CM93, Deh90, DLW+13, GK91b, HHSR94, Hur93, KJ99, KC98, LG97, OD17, RAC90, Rei87, Rv91, dSSV11, AA07, AS01, AKL14, APT+12, BCFP19, Bev99, CCY11, CMK+11, CK00a, CH10a, CMS04, GNA17, GW10, ILZ13, JKD02, LZX09, LXJL10, LHG+18, LHY19, LSL14, LSLG17, MNO18, MH12, MCV15, PL94, PLVB+18, RZPMB12, SFJ04, SP14, SHBC19, TZ12, TKH+11, WOLS12, XYC17, YS04, YSL+10, ZA15, AHBA19, Gla94i, GC13]. user-centered
[ZA15]. User-Computer
[GK91b]. user-friendly
[MCV15, WOLS12]. user-input-validation
[LXJL10]. User-oriented
[Rv91]. user-participating
[CH10a]. Users
[AH81, Moy96, BPGS13, CFL+18, Kan15]. uses
[FHW97]. Using
[AsdMG14, ADZ+09, AAM16, BPM06, BHH+05, BST93, BCFG86, BFV04, BM00b, BB08, CCdR+16, CL18, Cha91, CP09, CXO+15, DGM93, DJL93, DJW08, DS85, EA14, FC96, FW93, FW07, FCL+00, FLA+01, FdSp08, FAS94, GJ95, Gor91, Ha86a, HJ90a, Har90a, HOT97, HG91, HS99, HUMT92, JG14, Jna96, Joy87, KB98, KD91, KP93, Lai97a, Lai97c, LL97a, Lee93, LTT92, LBC10, Lin12a, MER17, Mar84, MB07, MTW97, MÖHB08, NH12, OC90, PSMB01, PPG+10, PD08, Por93, RR09, RBS19, Rv91, Rv92, SSF15, Sca88, SG91, Sch91, SAH12, Sta90, TC93, TNJH07, Uck91, WH99, WZ+18, WRS+17, WNWM86, XPBC11, YH10, ZC06, AR12, ABC13, AMAY19, AZ11, ACB18, AJCM08, AC16, ANC11, BM05, BCW05, BD011, BNS12, BCV06, BK17, BH09, CCR14, CCC05, CGP+09, CDS07, CF13]. using
[CPD+18, CW00, CNL13, CIB+19, CSW10, CCWT13, CSW13, C99b, CPL+04, CMCO4, CL15, CL17b, CK02b, CBL+15, CDDF99, CHCO11, Do02, DW11, DYC19, DPP+18, DPS06, DCH02, EEAZ13, EMM01, EB18, EE08, EL07, FS19, FWTC05,
FF12, FCSM09, FWA09, FSS+13, GLB08, Gok09, GDH05, GS07, GZKL13, HPT07, HZ15, HTK00, HYS+04, HSPD14, HCC91, HCS09, HC10, HCL12, HFC+01, HB89, HCC10a, HY03, HWML04, HCC10b, HS11b, JS99, JG08, JJP02, JZ07, JJ+14, KMSM08, KHS08, KHS11, KSN17, KNA11, KSAR18, KM11, KCV+19, KCO9, KA14, KRC00, KCB05, KKL09, KMWL12, KKP12, KL15, KMK16, KV05, KRC08, KP07, Lai95, LMH10, yLeY98, LH98, LL00, LK16, LLL06, LKL07, LWZ10, LQW+12, LWCL3, Lin16, LM96, LSL07, LLX+11, LZKW12, LZ12, LSM06, LQC+14, LTW16, LXZS06, MH12, MM03, MM14, MKH+12.

using

[BKLE18, CCKCL16, CNG16, JOZ03, BM93a], [FSS+13, AMG94, CCGdL10, DM05, EKB19, FIBRCL05, FZ13, GKV14, GTF15, GDH05, Gru01, HP16, HKS+17, KKH+16, KM13, KMY07, LH10, LL04, LGMB17, LXL10, LW07, LT08, LSLG17, LSH+09, LSH+10, MPL18, OOD09, SC06, SRA+18, YIE14, YXP+18, ZJDB02]. validation [JZ07, VHL14].

Value [Gon95, ASG17, APS16, CSW13, HCL12, HS14, LGMB18, LSL05, LW09, MKS+18, PCYZ12, Shi17, TC16a, VV15, WY16, WYTH08, WYTW11].


VANETs

[ACL13, ASC16, WOC15].

Variability

[GAMW14, AP+14, CFl19, CHN19b, FFV19, FRC10, RTM19, SRBT18, atRS+10, SHBC19, TB13, VPL+10].

Variable [MCCC03, AZ11, LWC13, Oi08, WCC13, XTZ12, XTZ13].

variable-length

[LWC13, XTZ12, XTZ13].


variance [HC10]. variance-controlled [HC10].

variant [CNG16, JOZ03]. variants [BZ10, CRC19, LNTS19, MAGC+17, RBW18, SSS17, LW09]. variation [LMT16].

variations [RF14]. Varied [YYWS10].

varieties [YWTW11]. VAS [SC14]. VCR [PLF05]. VDM [BM93a]. Vector

[BKLE18]. vehicles [MSH18]. Vehicular

[ACSC16, ACF+07, ACL13, Cho13,
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