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**Title word cross-reference**

(k, n) [YC11]. (n, t, n) [LHYZ12]. 1000  
[ABJ+17]. 2 [Aba08, BMAH11]. 3  
[BMOKAM09, BGG09, GCLD13, JSL16, MKH+12]. 3 + 1 [Fug12]. + [WH99].  
[FW90]. 2 [NJ17]. th [KT16]. α [TTL10]. β  
[LM94]. F [CJP98]. HV^2M [CBZ+16]. i*  
[DCG16, MNSA16]. K [HKS+17, Nei97, BRTT08, Cho13, DT90, DS94, LZ12, MLLK11, SHN14, SSCL08, Zha12b]. L  
[VH89]. M [MMSD13]. N  
[EL88, Pha94, LKJL01, SPSR17]. O(1)  
[PNY14]. p [hChSyCwL10]. q [GMS11]. R  
[Kor99b, SC00]. t [LYX09]. Z  
[FF96, FRF98].

* [TTC15].

-band [MMSD13]. -Coteries [Nei97].
-Distributed [LM94]. -fault [LYX09].
-gram [SPSR17]. -hour [ABJ+17].
-machine [VH89]. -medoid [BRTT08].
-metric [CJP98].-modular [EL88].
-nearest [Cho13, LZ12]. -nets [Kor99b].
-NN [SSCL08]. -SDH [GMS11]. -SIP  
[hChSyCwL10]. -tree [SC00]. -trees  
[WH99]. -trimmed [TTL10]. -Version  
[Pha94, EL88]. -way [LKJL01].

.NET [BS03, QOLJG16].

/M/1/Fifo [MR86].

1 [Bel91, KJ10, Lit90, WL99]. 1-2-3 [Lit90].
103 [HST16]. 109c [Woh16]. 10th [DGV08].
11 [KT16]. 128 [TSLL11]. 13-round
[TSLL11]. 133 [YMM+19]. 1471 [KvV06].
15504 [EG00, EB00, EJ01, JH01]. 1679
[Coo81]. 192/256 [LGLL12]. 1980s
[GLa92d]. 1990s [Ano92f, Gla92e]. 1996
[BT97]. 1H [JCYT16]. 1st [CBVD07].
2 [AACLO2, CT00, WM90]. 2.0
[BCG+13, GCC+15, GLJ13, OGK13]. 2004
[LC06b]. 2007 [GH08, HLM+09]. 2008
[Sai09]. 2009 [CL11]. 2153
[TTT14]. 2167A [Wal91]. 23rd
[Bor12]. 24-h [JJ06].
3 [Lit90]. 3-Disjoint [CLC03]. 3/layer
[DGV+07]. 35th [WC16]. 3E [ZGSH13]. 3G
[Ski13]. 3GPP [EZOK14].
4.0 [DSGS17]. 4G [WCC13]. 4GL
[Ano87e, Do97]. 4GLs [Gla91a].
5 [WL15a]. 5W [JCYT16].
60 [Ano02e]. 64 [LKH+08].
7 [DK08].
802.11 [WC11]. 83 [AAH12b]. 84
[YWEL+13]. 85 [WZM12a, XTZX13]. 86
[BKSM14, TTT14, wZfG14a].
9001 [JH01]. 95 [RW00]. '99 [LS99]. 9D
[LLT+09]. 9D-SPA [LLT+09]. 9th [LH12].
AADL [MBPM19, YHM+14]. AAL
[NAB+13]. Abbott [BY87]. abbreviated
[ONR02]. ABC [YAY13]. abilities [WS13].
ability [WS12, XZL10]. abnormal
[GHBD+16]. absorptive [MRM16].
Abstract [Bel91, Car96, YHM+14, AR12,
OMLB16, PC10, Vla98]. Abstraction
[BW83, MM81, MG81, Nit96, Nit98, CS16,
SKE10, SD02]. Abstractions
[How80, VP92, KB98, OBS+18]. Abuse
[Gorn92b]. Academia [Wey01, GK18].
Academic
[BKW10, BHR89, Fra07, KBJZ15, Lai99].
Academic/Industrial [BHR89].
Academics [Gla00b]. Accelerated
[AN10, PS14]. Accelerating
[BRTT08, KMK17]. acceleration
[EHKH04, XZ+16]. accelerator
[GGK19, RBT11]. accelerator-based
[RBT11]. Acceptance [Gla93d, DLW+13,
OD17, PHR10, SCC16, UN09, VHL14].
Access
[CH83, Ha+c86a, HB83, Hen95, MO90, UH86,
Ulu97, CET+08, Cho04a, Cho04b, CHL05,
CC05, CH10b, CHY+05, FBB15, FNWL18,
GAT15, HH05, HY03, HCC05, JW06,
KKL+11, LNC01, LLLLK12, LCH02, LH11b,
LY01, MJ18, MGM10, NZM10, Oi08,
PCCB+11, SM17a, SC07, WL05, WH15,
WS12, ZML17, BDGP13, KFS+02].
accesses [EAH+11]. Accessing
[LYM06, LHLY05, L004, MC15].
accountable [ZZ12]. accounting
[AL12, TDL+02]. Accumulation [Tor90].
accuracy [CS15, KPME02, KPME05,
LMYMGT08, RSB+14]. Accurate
[LLZW14, PPM17, TAB+16, BNS12,
ED04, PSM12, ZCY+16]. achieve
[Ano87f, RVM99]. Achieving [ADET12,
AGR19, Bol97a, FMP09, KWME09, Lam97,
NSDI16, PAB+17]. Acquisition
[SL96, Tar92, CS01, Er92, Kel15, LMT16, NK15, Ozk97, RR09].
ACME [Lai95, LL97]. action
[BP13, CC07, M00y98, Rom98, TTM19].
action-based [CC07]. actions
[KHC16, SD16, VVScV16, CGP+09].
Active
[KPG+07, PW87, WNHM86, WOH08,
AJCM08, BG98, CZUB99, DMV98, DPPU06,
KRC00, KR98, yL98, LLL00, LCLP16, MA94,
SBB98, Ulu98, WZJ01, YTW+13, PK02a. **Active/Standby** [PK02a]. **Activities** [SSR18, Al 12, AAN11, MG04, ROR11, SSA08, Xia13]. activity [BS12, ÇB16, CCC05, DC17, LNY+11, MS16, SGMHJ13]. Actor [RMC93, BSK+18, CDRT13]. **Actor-Based** [RMC93]. **Actors** [Chu97]. Actual [ETM10]. actually [LS08]. acyclic [LW11]. Ad [ACSC16, ACL13, BMES04, BCLW11, hChSyCwL10, CWK10, Cho13, KSHC14, LH1Y9, MLHL12, MDo+10, WF07, WOC15, YZ05, YSK09, ZMN05]. ad-hoc [hChSyCwL10, MDo+10]. ADA [Bel91, CW90, Bak88, CT94, Coh81, DS92, Dl1981, EOM95, MA89, PW92, RW00, Rom98, SC88, Tom89, Wa91, Whe81]. Ada-like [CT94]. Adam [XCM+12]. adaptability [PPMM14]. **Adaptable** [CS04, HK09, RS06, SK04, EMSU11]. Adaptation [PW92, WKM94, APM+14, ADET12, BGEPI7, BBDB18, BMLL14, BCC05, CcDL+16, CPYZ14, CG12, DPSU06, EGGL11, 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 [MBH18, SH17, BGJ11, CELS07, HGp+12, SBb+16, CR89, PH13]. **Adaptive** [AR12, ABB15, Bh93, CGH07, CW97, CL08, CkL09, CkmT10, CT11a, CKC15, DGv+07, GL05, HyLW+12, HC04, KRD16, LU06, LWH505, LG05a, LcLF13, LxG10, MSHG18, PSk05, PS10, Pwll13, SF92, TSSD09, Ak18, AG15, AR17, BSK+18, Bar15, BLM+08, BVF04, CJHB08, CcDL+16, CSGL05, CkL08, CLH+13, CHLW17, CZC+18, CGPT14, EEAZ13, FS19, FGBC10, GkL13, HwR17, HC04a, JC15, KKG+12, Ksa0K04, KcB05, KD05, LT07, LT09, LCF+06, LGL08, LXC13, LC98, LWW+10, LZRL16, LCY14, MLLK11, MPS06, MV05, MK06, MHC00, MPN+17, MCS+12, ND18, PCHW12, PPMM12, PPM17, PZ15, QXYL16, Rav03, RH06, SMG08, SAA+10, SB1a, SYBN12, SRWE10, SG06, TjTt+18, TC06, VA08, WDC12, WCX15, WMAS12, WKH11, YHZ+09, YXP+18, ZC06, ZL07, CH05, LC17, SD16b]. adaptivity [ZHGL11]. adaptors [AMNT08], adapts [EK90]. **Adding** [KCR16, MTF14, RUV92, CLL05]. address [PN14]. **Addressing** [Jef96, GSN+15, WJ99, HR95]. adequate [DW11]. adhocracy [Ano93f, Gla93b]. adjacent [ULN06]. adjustable [WL17]. adjusted [CH07b]. Adjusting [MG11, Oja16a, ST11, CV14]. Adjustment [UH96, ANM15, MCC+18]. ADL [PFF12, WR1P+13]. ADLs [WB15]. Administration [DR84]. admitted [MKS+18]. adopt [PWS+15, SNJ+07]. **Adopter** [RNR17]. Adopting [Har97, TTM19, MKK09]. adoption [AW07, BdMSN0+17, BM89, CcP18, Che17, EGH016, FB18, GN15, MR16, NH+12, QHS08, SG12, Ta00, TW08a, UN09, WD99, Wu11]. adaptive [SS12]. adult [CHZY03]. Advanced [CY04, GKh9b, LJA+11, ZSO5a]. Advancing [SW19]. Advantage [Gla97f]. advantages [CDS07, PW09, VC97]. adversary [DOCS13]. advertising [AM10b]. advice [KJ99]. aerospace [Tha80]. AES [BBBP13]. aesthetic [LQLC16]. AFGChecker [LXC13]. **affect** [GGC16, Kel09, Bbm19, SMH18, SKK+18]. affecting [DLT99, MP12, PWS+15, RH03, Wu11, ZP00, ZPP15, ZP17]. affiliations [ESM19]. Affinity [SK13, WWC97, Kar00]. Affinity-aware [SK13]. Affirm [MD81]. affordable [CCG+10]. after [Gla98f, JBA08, KQ17, PTRW04]. against [BBBP13, HH+10a, KKH11, OL15, SCH05, SC09, TLL13]. Age [Rei87, Ssmvd16]. Agency [FJ92, 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, GMMP16, GRBNA10, GTA09, GCC+15, GZKL13, GGM11, ISM11, JZL07, JS16, KB16, LH04, LG17, LT09, LSH09, MV05, MV06, MIBV14, OKS08, PLCC09, PA99, RMC05, SPTM15, SCdS+06, SST16, Shu99, TKA+02, WHN+01, YGH+08, ZMB14].

Agent-aided [CPT05].

Agent-based [AM04, GGS15, CC08b, Cho05, LH04, SCdS+06, Shu99].

Agent-oriented [CCG+10, LN13, ISM11, OKS08].

agents [CFN07, GMB+09, GHK05, GDH05, HWH+03, JSM10, JRO12, MHW01, S´AMI17, WGC02, WBW+06, WM99, ZK04a].

Aggregate [HCT+15, Mot96, LCC10, Shi10, YDGB+12].

Aggregate-strength [HCT+15].

aggregated [CCMOM19].

Aggregation [Bar15, AKB11, BLM+08, MT10, SGBCP12, YCWW15].

Agile [CP15, DvdVA+13, GN15, KSM+16, MB10, NR08, ASG17, AL05, AdB17, CCP18, CC08c, CLL14, CNMR18, DPL16, DNBMI2, DCT17, DGCA17, FFDHG+14, FMRM15, GR05, GTF15, GTF17, HF08, HDGZ06, HM16, KM14, LSD+16, MHB18, MVSG18, MKK09, NBF16, OK18, nPHW+16, PW09, QHS08, SS12, SDG17, SNC13, Sta14, SHHL12, WK15, WCC12, YLA16b, DCP12, HL10, JMLMI17, LG17, OD17, RKK16].

Agile-developed [OD17].

agility [GTF15, JWA14].

agile [GTF15, JWA14].

agilitation [TBD+08].

aging [ACW10, JX07, PMMM11].

agnostic [ASMM18].

agreement [IB11, LLY07, LKH09, NLKW05, SCH05, TLL12, Tse07, WV04, OHJ10].

agreements [FSG+11, IYS13].

Ahab [SCMS15].

ahead [YCF+13].

AIDA [EOM95].

Aided [Amm01, BTTh8, CPT05, Mey88a, MB17].

AILOOS [VSDD12].

ap [HWHT11, MPTT14].

Aisim [Mer87].

Ajanta [TKA+02].

ajax [MvD08, YM13].

al [SCL07, WYL06].

 alarming [BRG+12].

Alberta [GV10].

Albrecht [Dol97].

Algebra [Bra96, MR84].

Algorithm [AT97, CBK96, DS94, Fra86, HJ90a, HJ91, Ha93, HL94a, Heu88, MTW97, NM93, Ry93, Tan96, TW95, WTS95, AR18, AG15, BAI+14, CL17a, CDC09, Cha93, CHC01, CCSC07, CL07, CJ13, CWK+13, CTLO8, CS12, DXPY03, EEA13, GWW+11, HY11, HWL13a, JE02b, JK13, JM96, JXL15, JFC08, JHYK10, KHS11, KSRD10, KSN17, KKHH11, KL15, KK08, KK07b, LPP15, LC07, LLLZ06a, LLLZ06b, LLZ14, LCCH02, LC04, LHY12, LZ13, LL14, Lin16, LLML13, Loo05, MMZ+16, MH11, MJ+10, Ng99, NDS13, OW04, OOD09, OCCI12, Öz09n, PS13, PK01a, PQBP16, PRN17, PS14, PM10, RFL10, RLL+18, SLW+15, TW98, JT12, TTC04, TTL10, WGW+09, WGOZ+12, WHYT06, WX10, YCL13, YSK06, Yoo09, YH10, ZLW+12, ZL17, ZWF+18, ZL12b, ZGL+10, FAM15].

Algorithms [BP86, Bha84, CZ91, DHP86, FG93, Fis91, FGL15, HJS91, Ha91, Ha91, MS97, MPS86, MS90, Sca88, Sta90, TM98, Tri86a, Ver89, YP94, ZR87, Amm89, BRMA+09, BMAH11, BAdAH94, CDS99, CBZ00, CWC04, CD07, DL99, FFV19, GBL08, GLJ00, Gho1, Ha92, HBT16, HSR01, IWF07, JPP2, KH97, LWOY16, MMM00, MB01, MC98, PH06, PLHP+15, PCCK18, Rv03, RCCV11, SMDM05, SA11, SNMB06, TdCAF16, VTZ+17, wZfG13, wZfG14a].

Alibaba [DLW+13].

aligned [WMW12].

Aligning [VvSvV16, CRESF+13].

alignment [BCV06, LMR12, UGFK15, VLC+17, CBVD07].

all-port [MV10].

All-uses [FWH97].

Alleviating [MARD16, WWC98].

Allocating [ML95, TC93, IJC03].

Allocation [AH81, Cho95, Rah92, SG89, Aba06, Aba08, BMOKAM09, BMAH11, BHAM09, BV15,
BGLG13, CLSa01, CAG17, DXPY03, DM17b, GQ12, GP05, HNH15, HCDJ08, HC01b, HL06a, KHS10, KMOS09, KK1MT96, Len07, LLL06, LCLL07, Luk11, MC01, MV05, MK06, NK15, PM99, SK03, SOC+03, SWES16, TY18, TM98, YYWW07, ZWC19, vdSJK07. allocator [HC06]. ALMA [BLBvV04, LBvVB02]. Alone [ESM19, DF00, ST89]. alphabets [Kan15]. Alterations [SB95]. alternate [ZLW12]. alternating [GAK92, WCB17]. Alternative [KML94]. alternatives [DC09, KK12]. Alvey [Qui94]. Always [GFP11]. AM [KKP12]. Ambient [ARS10, ABB15, GMPN16, BHH12, RASL12]. Ambient-PRISMA [ARS10]. Ambients [ARS10]. American [Gla97f]. Among [HB83, LIC92, Sho91, CLLC96, CLW05, Dol97, GE15b, HGK06, HG18, WSJ08]. amongst [RHRC13]. Amorphous [HBD03, BKSM13, BKSM14]. amount [EEAZ13]. AN/BSY [AACL02]. AN/BSY-2 [AACL02]. Analogy [ANCI1, ANM15, CH07b, IAA16, JIS03, LXG09]. Analogy-based [ANCI1, ANM15, CH07b, IAA16]. Analyses [Eva97, OKOM97, SNDD19]. Analysing [GW01, JMSS07, SB17a, SYBN12, dl04, LTK+06]. Analysis [AV12, AS96, BNW+08, ber93, BC91, CH94, CUY09, CDP17, CR00, CMP85, DHKV06, DLG96, DG80, EHS93, Eli92, FM93, FN85, FA98, FA97, Gla92a, GDF86, Hag91, Har88b, HH87, HB89, HH08b, IMM95, Jef91, JF94, JO83, KHS12, Kan84, KS96, KSAOK04, KP03, KP97b, Luk93, LL97b, LH83, Liu93, LG03, MTG92, MrF92, MW95, MM93c, Msc86, Myr90, Nel81, Par86, PdF97, PH86, RCD03, SW10, Sca88, Sch91, Sel93, SSP17, SB95, TOY15, Tia96, TTP97, Tsu85, WH91a, WH91b, WK94, WCTK12, WYL06, YNDS88, ZEB88, ZX94, vdBBK94, AAMS14, AAMS16, AMAY19, AH+10, AHW10, AS10, ACRD19, Aml00, BH02, BHO3, BRC09, BDMK03, BLL+18, BBS00, BHH+12, BLBV04, BLTY18, BGG10, BWH10, BHL00, BRS10, BCL12, BLOS06, BSB12, CGG14, CC08a, CS15]. analysis [CS16, CCC05, CCN+10, CL99, CCW02a, CMM15, CJP98, CH09, CKjLy98, CPL+04, CL17b, CVGP13, CGW08, CZH+08, CCM019, DCAC09, DH09, DDGR09, DC17, DSGS17, DS98, DZT+14, DH13, DOL+16, EH19, EB18, FDN+16, FAB+07, FBD+18, FL05, FSGFY17, FP18, FR09, FTAM99, FMdAR16, GCY16, Gok09, GMML06, GA0W07, GAK92, HPT07, Ha02, HGBS18, HH07, HBT16, HRB12, HLS14, HCL+10, jHjW08, HY00, Hu05b, HZCD05, HCC10a, HWLM11, IBP03, IZY8, IYS13, JPM07, JM06, JX07, JCYC04, K17a, KR17, KG09, KKP06, KPS08, Kim12, KPK12, KSS03, Kor9a, KDK04, KSH09, Ljh10, LHC95, LKH+08, LKJR10a, LKJR10b, LS14, LYM10, LG09, LGL+10, LKJL10, LMD06, LMD07, LMD11, LSA04, LHC+05, LH06, Lop03, LHSK06, DPS03, Lut96, MYZC06, MT07, MB09, MGM10, MJ14, MTF14, MK17]. amount [MVSG18, Mi00b, MR99, MR00a, MA10, MO08, MMN12, MMS15, MMB10, Mur08, NS92, NAK10, NSM17, OHL17, OMLB16, PG05, Par00, PK02a, PC04, PH13, PPM17, PS00, PDBD18, QBO+14, RK00, RAS14, RH02, RH03, RPT19, RGH17, RITF+11, RASL12, Row86, SG16, SKZ+04, SNBH08, SK11, SS12, SCW12, SC88, SGC+17, SW09, dSSV11, SS04, SM08, SBT18, S213, SLL14, SLL+15, Snt00, SPZ06, TjNH07, TAA08, TBD+08, TXCX19, TCS18, UN09, VTF+17, VCMG17, VHFF+17, WCC12, WLZ+17a, WZY+18, Wei79, WKKV11, WLV11, WG05, WP+09, WMK1Y11, XYCL17, XNP07, YAY13, XLXZ16, YSO2, YFT+15, ZP00, ZSP01, ZY+17, ZJD02, ZZP15, ZP17, dB12, dBV08, JR15, LBBB02, MS17b, ADZ+09].
analyst [MG04, SJ17]. Analysts [TDB97]. Analytic [BDM+93, FSA87, FWP93, Lee93, LZKW12, MB19]. Analytical [EK13, LJC16, VRPT18, FCSM09, MA09, Mi00a, MV11, RST98, ZM06]. Analytics [UB19, KCR16, LLH+16, VZT17]. analyzable [DGL+08]. analyzez [MR00b, PSMB01, SGMHJ13]. Analyzer [FLN91, PÄC13, BBS9, EOM95, KH10]. Analyzing [CC02a, CW04, CL15, CBKK08, His98, JLG17, KG10, MW95, Mot96, RSB+16, Sta90, BKRW19, CTKT13, HY+04, KJS+12, Lop03, MBPM19, PB11, YAKK16, vAAJ16]. anatomy [TKP+18]. anchors [LJ16]. and-or [Vla98]. and/or [HHKW16]. Android [AAM+17, HBM19, KFLS18, LZZ+18, LVTP17, LBWH16, OBS+18, SPCT18, TKZW17, YGN+16]. Anecdote [Gla98a]. angle [HDLK00, PKS18]. animation [KA14, LW07, MSBH98, PH07]. annealing [MK15b, PH06, TVA04]. anniversary [WC16]. Annotated [Not85a]. annotation [HA10, LGM+18]. annotations [SM17b]. announcements [Ano09d]. Anomalies [WMK94, LM03, WW09, ZXC+17]. Anomalous [HWM01]. Anomaly [CA97b, Rad04, SKK+18a, BLL+18, CA87a, CCM09, DLW08, His91b, KMM89, WWZ+14, Zwe90]. Anomaly-free [Rad04]. anonymity [MK15a, YL16]. anonymous [CHL+08, FHHL09, Gla95g]. answers [TLW010, VL94]. ant [MDO+10, TJJH15]. Antecedents [GA11, LCCJ10]. anti [CHY+05, FHL+18, MSK+17, QZ14, Sta10]. anti-forensics [QZ14]. anti-patterns [FHL+18, MSK+17, Sta10]. anti-spyware [CHY+05]. anticipation [TSSD09]. antipatterns [KVGs11, TKCR14]. Antoniou [LZ07]. anything [Gla97g]. AOSD [Ano13a]. Apache [MK17]. APDL [KSFP11]. aperiodic [OD10]. api [SL07, BHVR18, CCKK15, CPIH09, EZG15, HS03, KFLS18, NKP17, SM17b, SPSR17, SCO13, XSL+18]. APIs [Sal17, SSA17, TDK+07]. APIs-based [TDK+07]. Apollo [BP86]. app [GNA17, JED18, LLL+17b, vAAJ16]. appear [Gla96h]. applets [HWM01]. appliances [ZDC+11, ZDC+11]. Applicability [WH91a, JWA14]. Application [Alz08, AF96, BFG97, BYY87, Ber93, BL98, CLO95, DK94, EHS93, FCMJ12, Fri90, Gla92f, GV92, Gl99c, HL94a, HS95, Lan98b, Lop03, LVB+93, MR01, MM93a, MB84, Nt98, SL96, SK07, TQ05, TZR2, TM07, YN01, ZC97, AV12, AIE19, AR12, ASS07, AYI10, ASMM18, AdAD17, Aml00, AF16, Ano92g, BBBP13, BCF18, BCL+18, BGG10, CS16, CPT05, CDA11, CTZ92, CM15, CH07a, Cho05, hCSW+04, Da99, DFCR96, DSPU06, DBCG14, EAH+11, ELH00, FJ98, FAB+07, FIGL10.02, FTSC12, HyLW+12, HBJ+99, HWL11, Hsu01, HSS14, JF02a, JS13, JRO12, KI17a, Kel09, KSHC14, LORB03, LS04, LGW09, LP05, LWZ12, MMTL06, MJZ+10, MR00b, NH+12, OC04, PC15, PTRW04, PRH10, P03, RDD02, SCGL+18, SCDS+06, SRDLC09, SCC16, SP14, Tan04, TMM19, VSD12, WCC12, WK00]. application [WHMP99, YWT07, YLYL17, ZSG16, ZYLS12, ZS16, Zha16, DFCCPS15, FM11]. application-domain [SP14]. Application-Specific [DK94, SK07]. Applications [Ano86d, CR85, EC04, Goe80, Gom89, HH97, HFK92, IT03, KP97a, LZN04, MD91, MK90, Sta93b, Zho94, AP09, AbD13, ALT+09, AAC16, AAB19, AHO14, AMHJ09, ABFM12, BBG+04, BFQP+10, BZ14, BSD14, BAAD17, Bo00, BC18, BK17, CG15, Cidar018, CELSO7, CECT06, CLR18, CJI04, CLG05, CZL07, CJ09, CC05, CKH11, CGDL16, CBK08, CRESF+13, CF12, CGPT14, DGV+07, DB005, DY99, DCH02, DK01, DHC+11, DS16b, FL09, GE15a, GRBNA10, GBCI11,
GD04, GZK13, HL01, HGP+12, HVK11, HHO8b, HKW00, HS15, ISS98, JC99, KDS+08, KHL+99, KRJ17, KCS01, KVH12, KQ17, LLY07, LXJL10, LG05b, LGL08, LT08, LCJ10, LZHS11, LXC13, LASL14, MV05, MV06, MB13, MG+13, MK15b, NOPF12, NK15, NBR+14, OGK13, OD17, Osz97, PI94, PDK+16, PLHP+15, PG15, PMMMM11, QGZ+15. applications [RAS14, RHHT18, RLY+13, RAJ15, RB16, RMD11, SPK99, SRWE10, SUSO04, SC14, SH+07, Shi17, SFSE05, SC19, SBB+16, SBB98, SLLL12, TKZW17, TJT+18, TL99, TAF+17, TL09a, UIK17, VVA+15, VSS+11, VA08, WVT+14, WDC08, WWZ+14, WXY+17, WH15, YXH+18, YXP+18, YS04, YM13, YGN+16, ZCT+09, ZTZ+11, Zhu03, Zhu+04c, CCCY17]. applied [FFV19, LNPAGD+06, PPG+13, PB00]. Applying [BS93, BRS+18, CDS02, FSGL12, Gon08, KS96, KHMF13, LL98, Mil00a, Moo98, PLHP+15, SLC00, TPRW04, AdB17, BKB+07, MGB16, PCFRP19, RSB+16, RMCH+14, Rog89, ZFS15, Ano93e].

Appraisal [OKMD12]. Approach [AQ90, Bar92, BW83, BST93, CB89b, Car96, CW09, CPDM16, DA86, DK97, DLS94, Di91, Dye87, Dye93, Fra90, HSZ4, HP16, HQT97, JvB83, KL95, KAL97, KSW93, KCK+98, Lam97, Lan98a, LF96, Mai96, MC91, MWH98, MR83, Mue86, NS83, PM90a, PfD97, Pos86, Rv91, Rv93, She90, SCK95, SDB16, SCS86, Tia96, TM97, WLPL95, WWF94, ÅCF+07, Aba13, Alie91, AdB13, AMK13, AM15, AM04, AGC13, AF16, AdB17, APS+10, AGR19, BML+13, BM00a, BKH10, BDGR01, BHN02, BBC05, CCW+01, CPT05, FGB+19, CFFT08, CG15, CF13, CELS07, CKW+11, CCHT09, CCY11, CCW02b, CC03, CCKM09, CC09b, CHLW17, CmC+18, CBZ+16, CJT01, CJL11, CHL+13, CAG17, CHC011, CKL12, CLF+13, CKS15, CGPT14, DBCdP11, DV10, DWC17, ES06, EGH016, EZRK16, EBB09, FVHF+15, FdOdL04, FG15]. approach [GE15a, GN15, GMPN16, GM02, GP98, GMLSF+15, GCSSDP+18, GPHS08, GPSS+13, GMS07, GSB+07, GEM15, HBM19, Hdl17, HJ14, HTK00, HK98, Has98, HNH15, HPS16, HK09, HCC08, HZCD05, HLLS13, HWML04, IB11, JS11, JC14, JF99, JC15, JCK+17, JMM17, JMM99, Kam89, KCT12, KR14, KRJ17, KKH+16, KVS11, KY08, KY10, KKL+11, KLB15, KD18, KMG09, KTF+16, KR16, KS16, KSS15, KHM13, LmV09, LLM+17, LNC01, Lee07, LM10, LMGB17, LNY06, LWXZ10, LT11, LLWL14, LM96, Lnt98, LW07, LLWL19, LASL14, LJ99, LJM96, Lu00, MPP15, MLB09, MPTT14, MFMCY12, Mer13, MM00a, MDCC06, MdFD+15, MA11, MCS+12, MR00a, MA17, MUR99, Mur08, Mus03, Nae01, NEM17, NRG08, OZO+14, ÖKT09, PS13, PL94, PS15, PCC02, PB11, PD16, PTB08]. approach [PLGT10, PAR14, PCCK18, PB99, PP04, PAS+10, PSG+09, RT07, RW00, SCS15, SM09, SL10, SAMN12, SÅM+16, SPTM15, SL03, ST07, SMCL96, SAKZ15, SJC13, SP17, SHC+11, SA18, SJH+10, TSvW18, TVA04, TB13, TGP11, TK00, TTW04, TL07, TT13, TTT+14, TTM19, UK17, VAM+10, WDC12, WV11, WC99, Wu11, WLD16, WDN05, XYCL17, YR09, YSSaR14, YZC15, YJZ17, ZERO00, ZMB14, ZSM04, ZYZL12, ZJZ+17, Zhu03, bHBM17, BEB11, KLWR01]. Approaches [GMMGP15, KO95, KML94, LCY00, RBMC91, VLC+17, VP92, AJG+15, ABC13, AAGT16, ALRP16, BKS15, Bat08, BS15, CNSG12, DA07, FDAM12, HKN+07, JSH14, JZ05, LS05b, MKH+12, MH04, PFG13, PMB15, RGV+17, Rey07, SGHH13, SS14h, SH07, TAF+17, WCC12, WNC17, dNPM18]. appropriate [LMPM18, Osz97]. approximate [VL94]. Approximating [BMES04, MMP15, OH15]. Approximation [MR86]. Approximations
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arbitrary [AA98, Mus03].

April [BT97, KT16, PH07].

AQUArIUM [CdCd18].

Arabic [AY98, Mus03].

arbitrary-rate [NXS00].

Arches [DSSL09].

architect [HFLvV11, MT16].

Architecting [DLM19, FB04, dLGR06, AdB17, FM08, PBM19, TZB19, PV12].

architects [Kru08].

Architectural [Lea95, LL15, RAS14, UB19, YWLG02, dBvV09, dBvV11, SL15].

architecture [MAH18, MK08, MKNS06, ME10, MDR06, MCV15, NFM11, NHH12, PWCC01, PPDC17, PM94, Pot13, PNL07, RR06, RPT19, RS06, SNBH08, Šk11, SA12, SMHYA08, SLB14, ST07, SSS17, SMS94, SSM11, SHGT16, SC09, TBG06, TJH07, TNJH07, TA10, TL14, TFA08, TFS10, THW10, UD10, VCB18, Vla98, VHFF17, WT01, WB12, WMC17, YLA16b, ZK13, ZML10, ZMAV08, ZMK12, dBvV09, dBvV03, dSB12, vHAH12, vHJPB17, vVT16, AJCM08, ČT13, EMSU11, LBVB02, Wei79].

Architecture-based [MOH16, WPC06, CC116, CG12, EK13, FCB16, GDSB11, LZR16, MKS10, MDR06, ST07].

architecture-centric [SNB10].

Architecture-driven [DY99, MAG12, MB10].

Architecture-level [LBV10, LBV12].

Architectures [AT97, CFK91, Gom95, Ulu95, AB16, BGH03, BD10, CBT14, CCG01, CS01, CNSG12, CHL13, CV16b, CPDM16, DGP02, Del15, ELK06, FSBR06, GCC15, GVV08, GA13, HTB12, IT03, JE02b, KRD16, KPS08, LCM14, MCV16, MK11, MGvFGCB10, NCWK18, PN14, PMN04, RR98, RSP03, SRWE10, SO03, SG06, SM07, TDL02, UZ09, VZT17, WRP13, WB10, YHZ09, BBEM11, CFFT08, MPBS14].

ARDIN [GC03].

Area [MMTS15, DFG13, HBG13, HYC04, LY09, LHS11, WCC13, ZA15].

Areas [Gla92a, HWH11].

argument [SGC17].

argument-fragments [SGC17].

argumentation [MOH16, YFT15].

ARIA [Kim12, TSL11].

arithmetic [LWC13].

ARP [SSK98].

array [HY90, HY01, MJ89].

array-theoretic [MJ89].

Arrays [RT86, Çam00a, CCW02a, Row86, SH17].

Arrivals [BFC92].

Art [FG94, ACS13, ABL15, GAW14, Hat99, LDS19, MDP11, MRY17, PMR16, PW09, Sto92].
TJT+18, WMAS12, CWP09, CKMT10. 
artery [CCWT13]. article [Ano87d, ML08].
Artifact [CFRPC+18, HMG96, WW09]. 
Artifact-based [CFRPC+18]. artifacts
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ASM-based [ZM06]. ASN.1 [LL99].
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AspectJ [FDN+16]. Aspects
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[AMNT08]. Assembly
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assertion-based [DDF+13]. Assertions
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[KM13]. Assessing
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[Cav84, CLL14, Gla94a, Gla97a, Gla97a, JM90, KB07, Pre95, ZZ06, SP08, VP02, Vis99b, AD14, AS00, BP13, BW01, Bud00, CbHb08, EFJSJM17, EJ01, FG15, Gl95c, Gl98b, Gla99a, Gla99b, Gla00c, Gla00d, GC01, GC02, GC03, GC05, HC00, JWA14, KCAS13, KLA+19, KPS+04, LG+18, LSV+06, LH+05, LMS12, LHLG+15, MACB19, MSA08, MR99, MGvFGCB10, NL99, ONZ09, PIG10, PHBJ16, REJ+07, SL10, SKW06, SED16, SPSM03, SLLL14, TC006, WTG+08, WTG+09, WTG+11, WOO12, ZADA15, ZSP01]. asset
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Assisted
[Bar92, BHH+12, GH83, RAL12, APS16, GMPN16, HHC12, WW1+10, YCG+14].
assisted-living [GMPN16]. assisting
[NW05a, GX+19]. assiative
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[YLA+17, ZG10]. assumptions
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[MM19]. astronomy [DHC+11]. ASWEC [GH08]. Asymmetric
[LTW16, CSS+13]. Asymmetric-histogram
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[JLGM17]. ATAM [ZK13]. ATEMES
[KSH+12]. ATF [CH05]. ATLAS [CL04a]. ATM
[SSK98, WMD+10]. ATNet
[BMSB94]. Atomic
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audio [HHL06, yWpNyL11]. audit [WZG09, ZHAY12]. auditing [YYS+16].

Audits [Ber81, McD02, dBvV08]. augment [SW09]. augmented [GHK05, LGH+17, SS13, VSS+11].

AUSTIN [LMH10]. Australia [CFSS98].

authenticated [CLC08b, WZM12a, WZM12b, WH02, YC09, YC12, ZG10].

authenticating [Lin01]. Authentication [MKH+12, CTL12, CHL08, KBRV17, KBRV18, LLL06, TY18].

authentication-chaining [EA11].

Authorization [FM87, Lin07]. authorizations [LWL04].

authenticating [Lin01]. Authentication [MKH+12, CTL12, CHL08, KBRV17, KBRV18, LLL06, TY18].

authentication-chaining [EA11].

Author [Ano80a, Ano81a, Ano84a, Ano85a, Ano86a, Ano87a, Ano88a, Ano89a, Ano90a, Ano91a, Ano92a, Ano93a, Ano94a, Ano95a, Ano96a, Ano97a, FMSG08, Glao0a].

authoring [BBG+04, PSS11]. authority [CKCK15, ZZ12].

authorizations [LWL04]. authors [SM06b].

Automata [SP94, DFP+18, KH06, WKH09, WOLS12, WS13, ABC13, CR06].

Automated [Arc81, BPO+16, Ber91, BNS12, BLOS06, DF84, FAS94, GML05, HOU02, JSM10, MB06, Mer87, NAB+17, NS83, PS13, PBC93, PW18, Re93, SKF95, TJH15, TDB+08, TSRC18, WLI5b, WBS+10, Yeu00, YFT+15, ZAO08, ASdMG14, WBS+13, AS17, BSG+18, CCM12, CDdCMdMSN4A16, CKW+11, CKS15, DW14, FGL15, HBM19, HCW05, JSHW14, LW07, LT08, MG12, MDM16, PG05, SH17, SPLW17, SC88, Ski13, SWES16, VM13, VHFST15, VHFF+17, YLCZ12, CSSW05].

Automatic [AGBYB+14, AM85, ABL15, CgCCT06, CL17b, CBQSM16, DGM93, DBO05, FDAM12, FMS16, GZL15, Glad90b, Hab85, HAE+15, JEE16, KSH+12, LQM15, LQWL12, LMPM18, LSLG17, Phe06, SA08, WRT+13, YLC06, ZL06, dRT06, AAM+17, CcDr+16, CCHT09, DF98, GvG18+18, Glao97i, HZ15, HY11, HJ12, HPF16, JF99, KGM10, KBG17, Lai95, LnW+11, LL09, LHP+09, LHP+10, LDS+19, MSK+17, ORJR+18, PTBP08, PPS12, RJHHK08, SZ11, SAKZ15, TAF+17, TH02, VA08, WBW+06, ZC08, ZS05b].

Automatically [LHG+18, YFZ+16, ATHM17, RMCH+14, HHRC16].

Availability [Aba08, PK02a, Tsu85, BT17, OCC12, Pot13, SW10]. Availability-based [Aba08]. Available [LS97, CSS10, JAL+10].

AVC [LCC+13, LML13, LW13c].

AVDL [RS06]. average [MM01b]. average [Ke15].

Avianics [Lam97], avoid [FGBC10].

Avoiding [JSHW14, O’B08, HST15, HST16, PV94, Slu03], aware [AKP04, AAC16, AGBD14, AO16, BSDD14, BynV+10, BCS18, CDEV08, CV16a, CDRT13, CYT16, CKC15, DBZ16, DPM07, DHC+11, EBJ17, FRGC10, GQ12, GBL08, GDB11, HGBM13, HLYL06, HZ07, JAL+10, KC16, KPTV09, KRJ17, KK07b, KSHC14].
LJC16, LWL+13, LZ13, LL14, LC11, LXC13, LVPMPCL13, MOD+19, MJ18, MRT17, MA09, MDO+10, MV11, NK15, OB13, PSH06, PS09, PCCB+11, RT07, SRWE10, SGBCP12, SGEK19, SK13, TKJ15, TdCA16, TC16b, WWL+10, WWZ+14, Wen16, WX10, WZJ14, XCM+12, YZG+13, YGH+08, wZiG13, wZiG14a, wZiG14b, ZWC+19, ZADM10, ZW15. Awareness [TKSRP11, AHOP14, CBC14, DM17a, EZRK16, FHY17, NBM19, NBR+14, SSMvD16, TR18, UD10]. awareness [SSMvD16]. Axiomatic [TDT08]. axiomatization [LORB03]. Axis [Sah94].


Balancing [JJ90a, HJ91, MSSMDC12, RCSD93, Woh16, BVV+10, Boz00, CB200, CCH14, DY15, DLT99, FS19, HH17, MCCC03, RwJK01, WG+09, WSM15, WOC15, ZK09]. BaLinda [YF96]. Band [RT86, MMSD13]. bandwidth [MV05, MK06, Ng99, NJ17]. banking [CA11]. Barefoot [BS15].

barriers [PWS+15, WRR14]. Barry [Fra07, Vau07]. Base [GRS92, GSC91, MP90, RT93, Won93, HR95, HCL12, HL94b, PL94, PM94, RC89, SW96, ZS88]. Base- [MP90]. Based [AAH10, Art87, Bar86, Car96, CVGP13, CSSW05, DS92, DK94, Dye93, EL94, FM90a, FWD97, Fra90, GMGTdFR14, HLS+13, HC15, HL93, HFK92, KH81, KB96, Ken84, KAL97, KN97, Lau98a, LL97b, Liu93, MG81, MW95, MS190, MIH92, Mos84b, MP90, MP95, NM93, OG80, PBC93, PdF97, Pre95, Ry93, Ros87, RMC93, SG93, Sam93, STJ83, She90, Tak97, TW95, YY93, XZ94, ACF+07, Aba08, Ah88, Ah90, ASGJ13, ABB19, ABC13, AZGvG09, AZW07, AA07, AN16, AKP04, AJD+16, AKQ11, AKAA18, AR18, AG15, AY10, AAH12b, AKL14, AR17, AAA11, AM04, AGC13, Am100, Am989, AAB19, AM10a, ACGS+08, AWSE19, AM10T8, AHC+11, ANC11, ANM15, BRB14, BKLE18, BM05, BSK+18, Baf05, BHXN05, BM18, BSG12, BRMA+09, BBBP13, BML14, BAAS13, BP19S3, BRG+12]. based [BK95, BCLW11, BDBLP15, BPSK18, BW01, CFRPC+18, Cam99, CCdL+16, CC09a, CD10, CT7+13, CGL+04, CFA17, CO04, CCCT06, CYY+09, CBS16, CV14, CV16a, CL06b, CC07, CW10, CCL11, CTL12, CNL13, CB09, CPS11, CMK+11, CJP98, CK00a, CLGL05, CZL07, CC08b, CLC08a, CKL09, CWW10, CSS+13, CW14, CXO+15, CPX16, CSN+17, CZC+18, CG12, CBZ+16, CHZY03, CCC06, CLG08, CJ01, CKL98, CB7+04, Cho04a, Cho05, CC05, Chr99, CHL+13, CN10, CHO11, CE08, CKL12, CBC+15, CLF+13, CNL07, CPR13, CL02, DGBE18, DCAC09, DH+17, DY15, DMSG11, De 97, DYC19, DHL06, DB95, DPP+18, DK15a, DPSU06, Dil91, DACY07, DK01, DH13, DZW+09, EAH+11, EA14, EBGR01, EB14c, EHH04, EUR+13, EKI3, FBB15, FY04, FHH09, FWC12, FYC13, FHVF+16, Fic89, FDOdL04, FVV19, FCL+00, FCB+16].

based [FSS+13, FPW96, FNWL18, FL09, GMR08, GDK13, GML05, GJ13, GVPPM18, GBL08, GMR17, GM02, GKS18, GM10, GRO0, GS17, GFP11, Gie79, Gla95i, Gok09, GKV14, GZY11, GHBD+16, GMS07, GJ07, GHKR04, GZK14].
BLUH15, NBH19, TKSRP11. Bases [KZ91, Uck91, BF96, MP94, MA94, She89]. Basic [Boe83, GMP94, De 97, KP10]. Basis [Lea95, McF92, WM90, EVR11, RG79, SYW14, TFLW99]. Batch [AR18, SRS15, dSSJV08]. Battle [RB93a]. Bayesian [Bai05, BHXN05, DCT17, KVGS11, PRN17, RBW18, SYW14, TNJH07, YLYL17]. BBN [FY04]. BBN-Based [FY04]. BDD TEX [KVGS11]. Be [Gla91h, Mat86, WLL17, ED04, FFdRG14, Gla96h, KM13, ZCd96, ZZ16, ZXC17]. BEACH [Tan04]. Beam [JC15]. Beat [Gla00k]. Become [Gla89c]. Becoming [Gla92c]. Bee [MCS12]. Before [AS10, ZP06]. Beginning [Gla98k]. Behavior [MD91, Nit96, Sak84, WSR183, Ala15, AAB19, BPGS13, CLSa01, CGW08, CRSS14, LGH17, LLHY19, Oi08, RRC07, SC88, War89, KMWL12]. Behavior-Driven [N17]. Behavioral [BW83, HFC01, LFW15, Mi96a, CMT02, Gla00k, HIJBH10, HZC05, KZDX09, LZLC17, OHBR90]. Behaviors [FZHS95, CCCT06, MM00b]. Behaviour [N17]. Behavioural [BZ10, HCWN05]. Behaviours [HCWN05, dL04]. behind [Gla00n]. Belbin [HS99]. belief [AC16, BG09, TNJH07]. belief-theoretic [BG09]. believe [FF89]. believing [Gla00m]. Benchmark [Haq89a, BGEP17, CŽUB09, CDP015, ZBLG07]. Benchmarking [NG08, FMdAR16, SA11, VVA15]. benchmarks [SPC16]. Bend [Gla96f]. benefit [NGC02]. benefit-oriented [NGC02]. Benefits [BS12, BB89, BGG10, FDÁM12, LMT16, TTR13, ZGYS15]. Bessel [GJ13]. Best [GFP11, GH08, KT16, SAI02, VE03, CL11, Gla91b, Gla92d, KK07b, NI13, OZO14, PFL16, ZADA15]. Better [Gla93i, JTM04, ABL16, Gla98d, SRSC16, TC16a]. Between [Chr86, HD84, Lan90, AJLS10, AC17, BMES04, BDD15, BBS00, BCD18, BGH08, BFPGS08, BWDP00, CFML11, CRC19, CKL12, CGMPAP08, EZOK14, Glã91g, Glã92g, GBDCR12, GKV14, GMS07, HZ79, HSM16, IBAH12, JH01, KBDGAW16, MRL17, MR00a, OBS18, PPM14, PW09, SCCL18, SAMI17, SBDB19, TR18, TGE17, VCMG17, WMW12, WGH00, dBV09, dRBSV10]. Beyond [Gla95d, RGBM06, dMSSS13, ZK13, AZX14, AT15, Bos12, GL14, MM19]. Bi [FL05, VRPT18]. Bi-Directional [FL05]. Bibliography [Not85a]. bibliometric [KLA19]. Bidder [CHL08]. Bidder-Anonymous [CHL08]. bidding [GGC16]. BIDDELY [YY93]. bidirectional [DGWC16, SHC11]. bidirectional-transformation-based [SHC11]. Big [SKT17, TLK16b, UB19, GPL15, LDZL15, SGW15, VTZ17, XLM15, YF15, Dut15, FGD17]. bilateral [jt12]. binary [CY00, CPIH09, PGBP16, WCC14, WLZ17b, ZLmLN14]. Binding [Can91, CDEV08, GJ88, ZS88]. Biographies [Ano81b, Ano81c, Ano84b, Ano85b, Ano87c, Ano88b, Ano88c, Ano89c, Ano89d, Ano89e, Ano89f, Ano90b, Ano90c, Ano92b, Ano92c, Ano94b, Ano94c, Ano95b, Ano95c, Ano95d, Ano95e, Ano95f, Ano95g, Ano95h, Ano96b, Ano96c, Ano96d, Ano96e, Ano96f, Ano96g, Ano96h, Ano96i, Ano96j, Ano96k, Ano96l, Ano96m, Ano97a, Ano97b, Ano97c, Ano97d, Ano97e, Ano97f, Ano97g, Ano97h, Ano97i, Ano97j, Ano97k, Ano98a, Ano98b, Ano98c]. Biography [Ano79, Ano80b, Ano80c]. Bioinformatics [PM10]. biometric [GCS AddP11, UN09]. birtheckmark [CPIH09]. bit [PMDH13]. bit-rate [PMDH13]. bitsream [QZ12]. BitTorrent [KA14]. Black [AAB19, BAAD17, CF13, ZZ12]. Black-box [AAB19, CF13, ZZ12]. Blackboard [JRO12]. blame [DSGS17]. Blending
buffers [SLC00]. Bug [MRS18, ACB18, BNS12, CCHW09, HK13, LYL16, SAKZ15, ZM18]. bug-fixing [ACB18]. Bug-proneness [MRS18]. bugs [CPT16, ECS15, VGS18, WLL17, YLCZ12, ZCY16, ZFY19, IBAH12].

Build [Pf95, ABJ10, CdR+14, HFRH09, SCC16]. Building [Bar92, DSSL09, GZKL13, HL94a, HO96, WHC07, BS12, CJZ04, GRX01, GCSSD+18, GTF17, Ha´c92, KH14, LLY07, SRGL08, SL01, TG17, XY07, LJD[10].


Business [ACDG02, CBVD07, DLG96, HH97, ML18, PCFRP19, TL96, WM90, ABCT06, BGLG13, CFRP+18, CO12, CLF+13, DIP98, FDAM12, FSG+11, GV99, GBDCR12, LC09, LCL04, LPM15, LGHB17, LWC06, MSGGL12, MHS09, Oja16b, OFR+12, PCCLGP12, PI00, PNL07, Rey07, SK11, SL03, SJ17, SS14a, SDB18, SL16, SK18, SSAS11, TAF+17, TK00, VKL16, VvSyV16, WW09, ZM08, RCL14]. bust [Gla97d].

Buyer [Hon90]. bye [Gla00f, Gla02]. Bypassing [TK16]. byte [Kim12]. Bytecode [GK08, CY04]. Byzantine [BR90, Zha09].

c [KRDH12, AP97, dSACdLF17, CD98, CWW+11, CLSa01, CL04a, CC05, CN00, CMP85, DIL93, EBC10, FL91, LNL10, LH98, Lok96, WK00]. c-means [KRDH12].

C/ATLAS [CL04a]. C.4.5 [SSC13]. Cache [Ha91, Ka00, ARMC16, CE08, DPMD07, ED06, JF08, OB13, TDW+14, nWvCwW12, CWW+13]. cache-aware [OB13]. caching [AK04, CLG08, GLJ13, HL06b, PKL03, SM06a, TYH04]. CAE [WL09]. CALA [HRRC16]. calculating [BS09].


capability [EB00, GAW92, JH01, LLM+17, LT13]. capacity [AQK11, BK17, CAG17, LCT10, LBL10, Lin12b, LCC+13, MR16, PK02b, PWLL13, VVS+99, WLI13, WCC+14, WLT+09].

Capabilities [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 [BNvdH05, TBSvdW18, ABFM12]. Cards [Bri92, JT97, BPM06, HCC10b, KPK12, YSL+10, BBC+08]. care [HW9S+15]. Cares [GL98a]. carotid [CCWT13]. Cartesian [WDS09]. cascades [RNC14]. Case [AH90, AN01, BMP97, CL04a, DGM93, EC08, EL92, FW97, GL96, Gor91, JVP+98, PW92, Rv92, RB16, Sed93, SSP17, SW94b, SB88, WKH09, WIC92, AH88, AAAAC07, AAGT16, ASS07, Aml00, ABC+13, AACLL2, ASW19, Bar94, BP80, BAM17, BC...
BFPAGS+08, BS12, BAAD17, BCF+05, CCCT06, CW02, CKMT10, CXT+15, CZC+18, CCC06, CP07, CFA+19, DSB05, Del08, DZRH04, DF00, DFCR96, DJW08, ED04, EA12, EA14, EG00, EBRG01, EVR11, EBB09, ELHC13, FAB+07, FCL+00, FLA+01, Fra04, FWA09, FMdAR16, GGG19, GR05, GPPT16, GSDs16, Gur01, GEM15, HGBS18, HF08, Han12, HLAB99, HWC+10, HCC10a, HPH12, IF10, JWA14, JG08, JCYT16, JC15, JAS19, JR15, Kan15, KOS15, KK06, KJS+12, KVH12, KSM+16, KC98, LQIW12, Lin99, LC08, LWZ12, Lok06, MAH18, MVGS18]. case [MCTM11, PLL+15, MT98, MMTS15, NRG08, PPG+13, PSS+16, PAB+17, PCCLdGP12, PW09, PB04, PSG+09, RR06, RAS14, RR98, RRW00, RGBM06, RASL12, SAA+10, Sali08, SS12, SsvdW99, SS14a, SDB18, SGC+17, SCC16, THG07, TKP+18, UGFK15, VZT+17, VAS+04, War89, WRR14, WHMP99, WLD16, YLA+17, Yeu00, ZLL+12, ZYA+18, dB12, dSdMSNO+14, vHAT13, APL95, BT03, Gla91a, IYK05, IKCN91, LL04, PC98a, PKK98, RBM95, TM97, TKSP11]. CBBB-Based [FWD97, EBRG01]. case-supported [Bar94]. cases [CLK08, DJW08, KSM+16, LWN03, LLWL19, NS92, T°A+18, WZY+18, YLC06, QZQ+06, ZY+17, ZC18]. cash [FHLI09]. Casper [CBSM16]. casual [RB99]. catalog [PTK00]. catalogs [dAGsSF15]. catalogue [EL10]. catalogues [DV10, PB00]. catastrophes [SC09]. Catastrophic [DG92]. Categorical [SA06]. categorization [ASMM18, BCL+18, GKP08, KGM106]. Categorizing [OW84]. category [YFZ+16, ZA12, CPX16]. Category-choice [CPX16]. causal [HCYO4, JJP02, JFC08]. causality [CBSM16, CPV+14]. causally [CN04]. cause [Gla96h, LM03]. Caused [BAH96, FA97]. Causes [LP95, vGB02]. CBBB [PKR01]. CCA [SLZ12]. CCA2 [RG10, ZZ12]. CD [Lai97c]. CDH [ZG10]. CBL [WKZL10]. celebrate [WC16]. Cell [WCC13, AAMS14, GAT15]. Cell-related [WCC13]. cellular [DST+14, KMS09, LKL04, WOLS12, WSI13]. censorship [Shi12]. center [LZL+15, WDC08]. Centered [FG94, KSKP11, KPS+04, ZA15]. centers [MH04]. centred [KK06, LSLG17]. centric [CCY11, LD00, LS99, OBS+18, PTM08, PCG+14, Pon03, RHHT18, SNBH08, WWY+12, WDN05]. century [Gla99d]. Cépage [Mey98a]. certain [SC01]. Certificate [YZL+16, GMR08, LHZX12]. Certificate-based [YZL+16, GMR08, LHZX12]. certificateless [HRL09, THS12, ZM12]. certificates [ZSM05, RMC05]. Certification [WH97, JH01, VP00]. Certified [BDGP13, BCW05, CWH00, LL06, Sha07, WH03, WL09, YYL+06]. chain [AMAY19, CPS11, JJP02, PP04, AK18]. chaining [EA11]. chains [KMK17]. Change [CJ09, Rya13]. Challenges [AZX14, CL02, DPL16, VHFST15, BGEP17, BCG+13, Che17, Chr16, DGCA17, DLBL16, HM16, JG14, MSS18, PMR16, Rey07, Fug12, JTW98]. challenging [MHHG18]. Chandra [TG10]. Chang [ZC05]. Change [HGBS18, HR96, SLLL14, AD07, AGR19, BM00b, CS15, CPD+18, CdCMdMSNdA16, CC09b, DRELHE16, HJHB10, HKvVdV07, Hua05b, JLG1M17, JL104, KWS+17, KL07, LS98, MJZ+10, MMB10, NKMM12, PB11, Shy03, SLL+15, TNJH07, WK00, ZcKS17, ZLCY06, Cha95]. change-impact [CS15]. change-point [Hua05b, MJZ+10, Shy03, ZLCY06]. CHANGE-POINTs [Cha95]. change-prone [KL07]. change-proneness [HJHB10]. changeability [AS00, SLLL14]. changed [GV10]. changes [BCD+18, Ber98, DNSH13, EK00, LRvV03, RvDV17, SC16, WMW12, WRS+17, YFZ+16]. Changing
[MR86, WLC13a, NK15, NDS13, OH15]. closed-loop [NK15]. Closely [HJ90b]. Closely-Coupled [HJ90b]. closeness [WKbOS17, WGH00]. Closing [CFSS98].

Cloud [AKAA18, FS14b, GDLB16, GGS15, HLS+13, MT13, Rya13, AJG+15, ALRP16, AO16, BMA+13, BV15, BJK+11, Bis13, CNM18, CZG+15, CXO+15, CHL+13, CAG17, CDPM16, DS16a, DEA+14, DM17b, DS16b, ECHO16, FB18, FNWL18, GS17, GCSSDP+18, GMMC13, GZS+18, HS15, JCYT16, KSN17, KA18, KQ17, KBRV17, KBRV18, LMT16, LZCL19, LLHY19, LDZL15, LZY+15, LZC14, LCL15, LY18, LZG15, MJ18, MGB16, MK17, MS17b, MBT16, MIKG13, MCV15, NK15, NB13, Oja16a, Oja16b, OSH+18, PWS+15, RQD+17, SKK+18a, SCO13, SBB+16, Som13, SCC16, SS13, SWES16, TY18, TG17, VPMVM+13, WDC12, WXC15, Wen16, WCB+17, XZZ+16, YYS+16, YL16, YCLC17, ZWC+19, ZFY+19, rBHM17, Cha17, LZO+13, LZO+16]. cloud-based [CXO+15, CHL+13, LDZL15, MK17, TG17, YCLC17]. cloud-native [KQ17]. Clouds [MCL+17]. clouds [DVV+16, MK15b, ZHAY12, CdAM+14, KKG+12]. CLPL [CX10]. Cluster [Gla92f, AKP04, Ano92h, ABW07, BH09, CDGJ10, CLG08, MKMS05, MB06, MAS13, PK02a, Shm99, WZJ01, WGC+14].

class-based [AKP04]. Clustered [WWC97, CDC09, WWc00]. Clustering [BP91, CV14, LK13, IWOY16, MW95, RY93, XZZ+16, AGCS+08, BPGS13, CZC+18, CL17b, CBK02, HLMBO7, HWML04, HR10, KCB05, KS16, LQC+14, LZN04, LXZS06, MK16, MB06, MJ14, MK06, NMM13, SMDM05, TZ12, TTWY04, 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, BSG+18, GGvH+18, HyLV+12, HNH15, KBBG17, SHHL12, WRS+17, XYs07, ZS01]. co-changes [WRS+17]. Co-evolution [DRELHE16, BSG+18, GGvH+18, KBBG17]. co-fix [HNH15]. co-located [SHHL12]. co-operation [ZS01]. co-scheduling [HyLV+12]. co-verification [XYs07]. coal [BRG+12]. coarse [ZPEL01]. coarse-grained [ZPEL01]. COBOL [AP97, Ano87h, BB89, Gla97b, JPK00]. Cocktail [Gla90b, OHJ10]. COCOA [MG107]. COCOMO [Fui07, Gu91, NBH19, Sai07]. Code [AC97, AF96, BAH96, CR90, DHKVO6, Dob97, Kal92, KH10, Lask93, LSC04, Luc92, OC90, SED16, WFF18, YC13, AD07, AMdLM17, BHN12, BGH+08, BFV04, BM98, CDM98, CAHV15, CHL14, CHL04, DDGR09, EAH+11, FMSG08, GKI8, GI51b, Gla97i, HNZ17, HMO0, HJ00, IKBH14, KR14, LK09, Lea08, LC07, LI13, MK16, LQLC16, LZL+18, LMG+18, LCL+12, MRS18, MSGM17, ND18, NVPGPSM17, OM13, OHL17, OKS+15, PAR14, Phi06, PUP03, QB0+14, RGBM06, SJR+11, SRJ+18, SM09, SPMG18, SHW09, TAF+17, THGL07, WG05, WDC10, YXH+18, YWHL11, ZQQ+06, ZCT+09, ZTZ+11, WGC02]. Code-on-Demand [WGC02]. code-smells [OKS+15].

Cohesion
[Dha95, AI 12, BDO11, MJF10, QGZ 15].
coincidental [LLWL19]. collaborate [vAAJ16]. Collaboration
[MdOBW 15, BHR89, CB16, CSNS05, CRSS14, GAWC91, GAW02, Tan04].
collaborations [MBL 19]. Collaborative [PSEE12, RF18, YSJ13, AAN11, AHOP14, BG09, BDG13, CX10, CC11, GLZ15, LL09, LNC01, LLW14, LWL 16, LNPAGD 06, LOFA17, NOPF12, NRG08, PRS11, PQP16, RR00, SG01, TTT13, TTT14, WCB 17, Xia13, XWZC14, HB13].
CollabRDL [LOFA17].
collected [Mar81]. Collecting [OW84]. Collection [BBC 88, YNDS88, Yua90, AN10, Fra04, KKLBI11, LSaC01, SvV08, SK07].
color-complexity [CC04]. color-spatial [CC04]. Colored [SBM94]. com [Sha01, IT03, LJKD10]. COM/DCOM [IT03].
com [Sha01]. combination [BGG10, DLW 08, NSM17, PB15, YLA16b].
combinational [SH07]. combinations [MRBN17]. Combinatorial [TY18, BV15, KBRV18, YZ08, ZYZZ14].
Combinators [SD94]. combined [SDS 06]. combiner [LL06]. Combining [DW14, HK98, MS03, SC19, TC16a, ED06, LC08, LY18, MOHB08]. come
[DDMP14, Mea09]. Coming [Fis81]. Commanders [Sch81]. comment [IBAH12].
Commentary [WB10]. Comments [CA87a, LZ07, CJT04, DF98]. commerce [CCF 04, DLW 13, SL02, WGC02, YC09].
commercial [CW02, KKP12, LZO 13, SPSM03, YSSaR14, vAAJ16]. Commit
[WM96, QL03]. commitment [EBEL18, WKBOS17]. commits [SYXL17].
committee [Gla96i]. commodity [KMK17].
Common [AMKD13, AJMP96, CCW13, GDF86, KJL07, MP90, FAB 07, HR10, SC013, TKZW17]. Communicating
[GHC91, Jia99, Moy96, Lai99, SK13]. Communication
[ASSA96, Gla91h, Jma96, LL98, LMS11, MF90, MWH97, MWH98, MV10, PH07, YCGH92, ZS01, ZK09, AN16, AHH16, AM04, BML 13, BCD 18, CLC08a, CNLV07, DSC 08, ELK06, GC13, HKW00, HSS10, IBP03, KHI97, KA14, KKL12, KM14, Lai02, LLY07, LT13, LUS 00, LyWS10, MRM16, MWH01, NK14, OS09, Rav03, RJK01, Rog89, SCMS15, TKS01, Tse07, WCC98, YZ05, ZH05].
Communication-efficient [LMS11, Tse07].
Communications [Mor86, AACL02, BBA10, HYC04, JS99, SS13, WF07].
Communities
[SBGT13, ESM19, GL14, TKH 11]. Community [AM94, Ano13a, ESRF19, JR09, LWZ12, QGZ 15].
community-driven [JR09]. Commutative [Hsi91a]. Companies
[ESWA18, BV16, GTF17, HBOS13, KJL07, MVSG18, SNDC13, VHFF 17]. company [AT18, DLW 13, MDFG08, TTM19, Y依27, Sed93]. Comparative
[BMOKAM09, BGG 06, GKP98, Glaz92a, MRW 94, PT91, TOY195, Wil89, CGP 09, DZ05, EFG 08, GRX01, GR05, GAK92, Kan95, LZO 16, LO04, MLV18, MRS18, PKK98, SUSO04, SMS11, SSCL08, SLL 15, TAJ 10, TaCAF16, vHAT13]. compare
[HBVG08]. compared [Lit80]. Comparing
[BRB14, BV16, EBR01, MF90, MA08, Mos84b, RO13a, SGMHJ13, SPZ06, AAM 17, Mos84a]. Comparison
[Bla87, DR12, DHP86, FWD97, HJ90b, HG91, JRB 06, Moy96, Ver89, CRC19, DC11, FWH97, KT03, KLM06, LASE00,
LMIV15, LFCL12, LMYMGT08, LICA09, MBB01, MA10, Mil05, MO84, NLSK04, NBA+17, OD05, OFR+12, OSH+18, PCV+08, PW09, RGV+17, SM06b, TTT98, TLK16b, WBP+03, YL06, YSC+06, ZPEL01, ZML10, ZZP15, ZP17. comparisons [MM01b, Tho06]. compatibility [FK01, FCC+10, KKT17, RFZ08]. compendium [CTY01]. Competencies [TB95]. competency [HJP15, PJK13]. competing [CLW05]. competition [HSM16]. competitive [HPT07]. Compilation [Fri83, HL94a]. Compiler [Ros87, WWL+10]. Compiler-assisted [WWL+10]. Compilers [Mos84b, CWK+11, Mos84a]. complete [BG06, HLWC04, WL17]. completely [DGJ+03, SD16a]. completeness [RPL97]. Complex [CM12, Dam96, PdC94, PdF97, Sca88, AAA11, BM15, CL17b, Cic16, DZRH04, FS19, FGD+17, Gho01, Gie79, KGG18, Lai97d, NC88, PRN17, SGK12, SW95a]. Complexity [AR90, BK85, CS85, DS92, Eva83, Hon95, HC87, HS95, HB89, HL98, KML94, Mae91, MTG92, MM92, MK90, MK93, Rey84, Tak97, TZ92, Zai88, AHGSS05, CA88, CC04, CG05, DNNH13, EK12, JPK00, KT03, KRH01, LW+10, MT98, M99, UZL00, ZXL10]. compliance [Kim07a, MOH16]. compliant [LLK05]. Component [BDM+93, CSSW05, DPSU06, HTH09, MPRS14, TDT08, XYS07, ACF+07, ADT12, ASGJ13, ARS17, AMNT08, BPW16, BM18, BKR09, BKH10, Ber03, BBE05, BW06, BC818, BKR19, CGL+04, CLGL05, CHCO11, CL02, DL06, DG02, DGL+08, EK10, FM11, FBM09, FCC+10, Fra04, FWP96, GHBD+16, GMS07, GD05, Guru07, GJO8, HSN12, HZ07, KM17, KKB07, KAM13, KLG07, LS04, LZL+06, LZXS09, LG15, LASL14, MYZC06, MBD13, MyD08, Mav11, PEO11, PDC01, PTBP08, PKR01, Rad04, RSP03, SDG+07, SPZO6, TAB+16, VCDa+16, Wil03, YM13, ZLZ11, Zhu00, Zhu06, ZS05b, dL04, HTH09, WL10]. component- [LASL14, Mvd08]. Component-Based [CSSW05, HTH09, XYS07, ACF+07, ASGJ13, ARS17, AMNT08, BM18, CLGL05, CL02, FWP96, GHBD+16, GMS07, Gru07, GJO8, HSN12, HZ07, MYZC06, MBD13, MA11, PEO11, PDC01, PTBP08, RSP03, TAB+16, VCDa+16, ZS05b, WL10]. Component-Interface [HTH09]. component-level [DL06]. Component-Oriented [TDT08]. componentized [SRGL08]. Components [BAEH96, DJL93, Eva97, TL96, BWW+18, BT06, BDM16, CDD+04, DACY07, EBG01, GS07, HH07, HJ14, HGK+06, IC8K14, JRO12, KBK06, KHH07, LCLP16, LLX+11, MPAA15, OCC13, RBT11, RITF+11, SAM12, Sch03, SSSA17, SJ17, SS15, VP00, WGH00, WDN05, YS17]. Composing [DACY07, LLX+11, WDN05]. Composite [DGS88, HS95, Cam00b, CDEV08, Cic16, HS15, LQW12, LASL14, MK15a, SYT+17, WZJ14, YDGB+12]. composite-metric [MK15a]. Composition [BH10, BBP15, BBS10, CPT05, FYCL13, FL09, JZL07, KDS+08, KBH07, KKK08, KSH09, LKL+11, LLZW14, MdBW15, MS17b, PW03, ZS98, TGB13, dB10v0, MG07]. composition-based [FL09]. Compositional [SK18, TKJL13, HH06, MK10, SG+17, TKJ15]. compositionality [Sch03]. compositions [AP+14, BDB18, Mer13, MS12]. compound [KPS10, JT12]. Comprehending [Sca88]. comprehensibility [FRF98]. Comprehensible [MD+15, VMB+08]. Comprehension [AS96, BBP96, KL07, Let87, RBCM91, DRW00, SKW06]. Comprehensive [OD10, Zvi93, AB10, CS15, CELS07, CPR16, FBB15, FCC+10, KR98, VK08, YZC15, rHM17]. compressed [LZ07, Lin12a, WC02].
Compression [Cha91, CBK96, CW97, BGG09, JEEL16, KPT13, LSC04, QZ14, SI12, TC06, WCH03, WCCL10, WW00]. compression-based [SI12].

Computation [KDG90, Alz08, CLC08b, CLC08a, DEA +14, MJ89, RMC05, TH05, TAB +16, YDG +12, YZL +14].

Computational [KD91, ALZ08, CLC08b, DEA +14, MJ89, RMC05, TH05, TAB +16, YDG +12, YZL +14].

Computations [AQ90, BFR96, BP91, Shi10, ULN06, WWC98].

Computer [Amm91, Bar92, BTT84, BLPB92, BD10, CPT05, CZ91, CM92, DG87, DV94, DHP86, FM90b, FS91, FJ92, GKh91a, GKh91b, Gl90g, Gl92a, Gl96c, Gl97e, Gt92a, Gt92b, Hay86, Ka92, Kar04a, KL90, KNT86, LIC92, LCJ10, Lue92, ML91, Mat86, MvS95, RA91, SL80, Sch81, SPA92, TL995, YN91, Zvi93, AACL02, Fl95, FF90, Gie79, Gl98c, Gl96a, Gla00i, Har98, HIC12, HLS13, Ifi11, Kar04b, KBDGAW16, LNC01, Mar81, MB19, Mey88a, MCV15, RG904, RRC07, SLW +15, CT98, Sny79, Sta02, TVK94, TVK95, VB99, WZG09, WSM +15, Zel09].

computer-aided [Mey88a].

computer-Assisted [Bar92].

computer-based [WSM +15].

computer/IT [Ifi11], computerized [JPP02]. Computers [IMM95, OS87, SM92b, CC99b].

Computing [Eng81, FJ92, Gl98a, KN97, Mor86, Pow86, PP04, Rv91, Rv92, Rv93, Sch97, SPD06, ZR94, AIG +15, ALT +09, ADMOK +10, AR18, AHLH16, ALRP16, AAN11, ANH07, AGBD14, BV15, BCF04, BS96, CZG +15, DHL06, DB06, DPM07, EQO16, FB18, FTC16, Gl95i, GL05, GZKL13, HGP +12, HC01b, HH17, HL06b, HKS10, HKS11, KR08, KK07b, KQ17, KBRV17, KBRV18, LCY00, LKL04, LK04, MKMS05, Mar81, MT13, MGI07, MPG +08, MCV15, Oja16a, PNI12, PK01a, QRD +17, Rya13, SPK99, Shu99, SY16b, Som13, SGEK19, TY18, TJT +18, Tan04, TE99, TW98, TM98, TSL16b, WT01, WCX15, WLZ +17a, Wen16, YL16, YSJ13, ZERO00, ZGSH13, rBHML7, vWSB13, FsdP08]. conceal [EEAZ13].

concealing [CPL13].

conceal [EEAZ13].

 Concealing [CPL13].

Conceptual [BF90, Del92, FM87, Kun95, RA91, RK16, SA14, Saz04, AF16, AR +17, BG09, BDPR18, CT09, DB95, DGP +03, GPHS07, PDC01, RB99, TFLW99].

conceptualization [SOS +16], concern [ALTZ12, FSGI12].

concern-sensitive [FSGI12].

concerned [Mi105].

Concerns [SSR18, CHCO11, KPS +04, PSEE12, VM13].

concrete [HWHM02].

Concurrency [DY03, wLyLH97, RMC93, SW96, CKyL98, HK13, Jun00, KMS04, yLC98, MMBC00, PMP99, SY02, Shu03, SNN19, WSM +15].

Current [ASSA96, Ara95, KC96, KD91, Kus90, LBV +93, Ng93, SW93, She90, SM94, Sta09, SP94, UH96, WH97, ACRD19, dSAcLD17, AMNT08, BM18, CL18, CLLC96, CD05, DY99, FR09, FW90, LZR16, PTF +15, TS89, WLL19].

concurrently [ST89], condition [CCWT13, JLYK09].

conditional [EBEL18, FSGW11].

Conditionals [HC86].

conditioner [JPP02], conducting [CC11].

Conference [BKW10, KT16, LH12, LP07, DGV08, SAI09, SS17, BCL +18, HL10, LKH09, Tse07, VE03].

conference-key [LK10, Tse07].

conferences [LCM +13].

CONFIDENE [PGRQV12].

confidence [JTM04, LHC14].
Confidential. configurable [PSS+16]. Configuration
[Bro87, BLM10, CZdV98, HGBS18, MSAH16, MAS13, OGRJ+18, Rav81, SDG+07, SP14, SHBC19, TGB13].
Configurations
[ZX94, GBH+16, WBS+10, WGS+14]. Conflict [LL00, ZWX+08, HGK+06].
conformance [ATHM17, KYP+03, LCLP16, NS92]. Confucian [WKbOS17].
Congestion [Ha‘c94, GAWW07, PV94, XZP+10]. Connecting [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]. consistencies [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
[BCR+05, Shi10]. Constrained
[LW13b, AR18, DVV+16, HZG+12, KP07, LZ13, LKL05, PCCB+11, Sko14, SK01, ZWX+08, ZCC+17, MGM10]. Constraint
[Car96, LKR13, UW95, VMJS06, CCR14, CBG09, EK12, GM02, HCDJ08, TFS10]. Constraint-Based
[Car96, LKR13, CBG09, GM02]. Constraint/Rule [UW95]. Constraints
[LH95, Pha94, UH96, WFZ96, ZR87, LPP15, CL17b, CF12, GLZ15, GWW+11, KTT+17, KBHG17, LcLsW06, LYC04, LGS+19, MK08, NBF16, SÁM+16, SRS15, VT98, VT99, ZTZ+11, ZKL+09]. construct
[Jav88, KTF+16]. Constructing
[Fer93, KH96, WZG09, FYCL13, GMPN16, GCSSDP+18, GPSS+13, GAT15, YZ08, dBV08]. Construction
[KK17b, OH94, vC80, BHM12, CX10, Luk11, MSHB98, RLL+18, RG79, SKL10, SMK+18, SFM99, WWLG13, YKC+12, SBGT13].
constructs [BBS00, MNO18, PTF+15]. consultants [CWJK13]. consumer
[HTB12]. consumption [ARMC16, APS+10, KA18, PAS+10, SMSh18, XJZ+15].
ConSUS [DDF+05]. contained
[LY01]. Container [dACM17]. Container-based
[dACM17]. containers [SMSh18].
Contemporary [Rey80, BGS+16, Gla95i].
contending [AAMS16]. Content [AKP04, CdR+14, CLG08, FMPS16, FdSdP08, KM17, KY08, LK01, LHH10, LPMPCLS13, PAC13, Shi12, SL01, TR00, WWSZ15].
Content-aware [AKP04, LVPMPCLS13]. content-based [CLG08, KY08, LK01].
content-oriented [SL01]. contention
[BL18, CYT16, MA09]. contention-free
[BL18]. Contents [AH81, Ano01c, Ano01d, Ano01e, Ano01a, Ano01b, Ano02e, Ano02f, Ano02g, Ano02c, Ano02d, Ano03a, Ano03b, Ano03c, Ano03d, Ano04a, Ano04b, Ano04c, Ano04d, Ano04e, Ano05e, Ano05f, Ano05g, Ano05a, Ano05b, Ano05c, Ano05d, Ano07m, Ano07n, Ano07o, Ano08f, LLLL12, LAT10]. Context [AS96, BD17, EZRK16, HP90, HP92, KPTV09, SGP12, SMS94, AAC16, BD16, BSDD14, CELS07, CBC14, CMNA+09, DBZ16, DPMD07, FRGC10, GMR17, GDSB11, HGMB13, KOS15, KRJ17, KAK+13, KK07b, Kri06, KSHC14, LC11, LXC13, LLL17a, MOD+19, MRT17,
Context-aware [KPTV09, AAC16, BSDD14, DBZ16, DPM07, FRGC10, GDSB11, HGMB13, KRJ17, KK07b, KSHC14, LC11, LXC13, MOD+19, MRT17, PCCB+11, RT07, SRWE10, XCM+12]. Context-awareness [EZRK16].


Contribution [KAL97, PV94, RSM00, War89]. Contributions [LN13, CLL14, LMWM18, VM07]. Control [ANB93, Bha84, CL94, CH83, CW90, FSA87, FZ93, Gla97c, Hae94, HB83, HUMT92, HU96, wLyLH97, LVMM07, MO90, RUV92, San95, TM97, AAAC07, ARS17, BG98, BSK+18, BSKL10, BM17, CFL+18, Çam99, CDS02, CCW02b, CLH07, CSGL05, CKyL98, Cho04a, Cho04b, Cho05, CHL05, CCC05, CC06, CHY+05, CFN07, DMSG11, DYC19, DY03, DZRH04, EK12, FBB15, Fer00, FNWL18, GWvD08, GAWW07, HVK11, HSM+07, HYC02, HC04a, JMP07, JE02b, JW06, Jun00, Ken80, KRC00, KMS04, KKL+11, yLcY98, LNC01, LZG07, LBCL10, LH11b, LY01, LDS+19, MGM10, MV09, MA94, MDMC06, MH04, NZM10, NKJT09, PTM08, PCHW12, PCYZ12, PCCB+11, SW96, SP08, SY02, Shu03, SC19, ULN06, WCLK07, WXy+17, WLL19, XZP+10, ZML17, dRSBA13]. control-based [HSM+07].

control-theoretic [MDMC06]. controlability [HYC02]. Controllable [KMO91]. controlled [DSA+04, HC10, MNSA15, Mü05, PUP03, Vis99a].

controller [CV14, LCF+06, MMTS15]. Controlling [CWJK13, HY03, dSB12, CDG10, Ebe99, ELH00, WL05]. Controversy [Ano92e, Ano01f, Bab91, Blu89, Ebe94, Gla91c, Har95a, Hei95, Pre90, Pul90, Qui94, RA91, Rei90b, SM92b, Tau92, Thr94, VPM93, Zuc90b, Zuc90a].


Cooperative [NG91, NMM13, SM92a, AKP04, ACSC16, BD10, Dar02, FRR09, HdM17, KSHC14, RDD02, WM99, FH10]. Cooperative [GD12]. coordinate [LOFA17]. Coordinated [BSK+18, MHW01, CGP+09].

Coordinating [Sch81]. Coordination [APCS10, HMG96, SHHL12, CJKC09, JF04, mJKME01, NPC12, PN07, Sko14].

coordinator [LSH09]. Coping [Moy00]. COPS [Dar02]. copy [HMC98, LC02, WLC07]. copyright [CWP09, GJ13]. Coqcots [BDLM16].

CoRAL [AT09]. CORBA [CLCY04, LJB05, LFy+99, RDD02].

corba-based [RDD02]. core [CYT16, CKC15, FHL+15, KSH+12, LK09].
LMT16, LD00, OBS79, SS15, Tia99, WB12. cycle-time [nJKME01, cycles [SHS+07], cyclic [LWLL12, OCC13, PK01a].


Data [AHS1, Bel91, BBC+88, Bha87, Cha91, CW97, CET+08, CSS10, DR84, Dam96, FZ93, GRS92, GSC91, HNS12, HCL12, HY00, JO83, KZ91, KC16, Ken84, KSW93, LHC96, Las90, LZC19, Liu93, MJ18, MRBN17, Mar84, MG81, MP90, Mot96, MK93, Myr90, OW84, PM90a, RT93, SG91, SW95b, SKT17, SB88, TL96, TC93, Tan96, TK91, Uck91, UB91, UW95, VM00, Vel87, VP92, WSN92, WH91a, Won93, YRN90, YY93, YNDS88, vS83, AAAC07, AQK11, AG15, ACL13, ASC16, ÁGBYB+14, AN10, BRA+09, BNW+08, Bi13, BPTLST15, BF06, CCGG14, CC02a, CCY+09, CD00, CY00, CWC02b, CL06a, CNL13, CPS11, CDOP15, CWC04, CL10b, CL05, CTL08, CK00b, CBK02, DII+17, De98, DM17a, DIB14, DS12, DK15a, DHC+11, Dut15, EH19, FS14a, FF12, GZY11, GTY12, dGFDL16].

data [GMGTdFR14, GP10b, GPL+15, GZS+18, HBG+13, HSC15, HY11, HBT16, Har04, HR95, HST15, HST16, HCS09, HC10, HL94b, HL00a, H01a, HCL+10, HW13b, HY01, HSS10, HTH13, HL06b, IA16, JF99, Jen99, KRHD12, KRC16, KNYS09, KUK07, KSR19, KRC00, KKL12, Kuo94, LHC95, LCY00, LKL02, LM13, LKL04, LLC+09, LCT10, LC10, LZL+15, LVMM07, LCLF13, LYL+12, LBCL10, Lin12b, LCC+13, LDZL15, LTK+15, LWZ+16, Lin16, LZ12, LW13b, LLML13, LZLC17, LK14, LWC06, LWL09, LCL15, LLC17, LO04, MCC03, MP94, MPST06, MPP15, MQG+17, MTF14, MK08, MDB17, MA94, MG11, MLC09, MC10, MIUM12, MT10, MdFD+15, MSL12, MJZ+10, MR00b, NK15, NBH19, NDS13, OL99, OLZN13, OZ97, Òzm09, PS13, PL94, PSH06, PAOC15, PM94, PWC12, QZ12, RC89, RSB+14, RLY+13, RHRC13, RHRC15, SM17a, SD16a, SAA+10, Sa12, SG16]. data [SHN14, SSH+07, SA06, SW96, SAH12, She89, Shi17, SJ13, SBG12, SA08, SBDB19, SS07, SSL08, SGW+15, TLWS10, TK16, TVA04, TBC+16, TTWY04, TW07, TLK16b, TC06, TL07, TPTV17, TVZ+17, VK08, VZT17, WDCL08, WZG09, WCC10, WLH13, WYCC13, WLC13b, WCC+14, WLZ+17b, WSL79, WQ06, WL+09, WWY+12, WDN05, XLM+15, YWWS10, YWTW11, YWH11, YCLY13, YTW+13, YF15, YYS+16, YZL+14, YM13, YHHR03, ZS88, ZZ11, ZHH+17, ZM06, ZZ21, ZHAY12, FGD+17, HBG+14]. data-centric [WWY+12, WDN05]. Data-Driven [YY93].


Data/Knowledge [Mot96]. Database [Bar86, BW96, Bha84, BM83, DK08, Fri90, FM87, HB83, Mar84, NY84, NS87, PK01b, PL83, SW94a, UH86, UHU95, WU96, AV02, BL11, CZUB99, CM05, CH10d, DM98, DFCR96, EA11+11, GP98, HMP99, HyNW+12, HNS12, HLW04, HLDC00, HY95, JR09, Jun00, IK00, IK02, KLC02, KV+17, yLcY98, KL02, LP90, LK+11, LY01, LZG15, LGZ+18, MDFG08, NG08, NGM08, PDK+16, PS09, PQLN04, RR99, RB16, SVMAM04, SB08, SLL12, TL99, UHU98, YLCO18, ZHS01, ZT+11].

database-driven [PDK+16].

Database-Oriented [NY04]. Databases [KW93, bLYLH97, SW95b, SKS96, AJCM08, BG98, BH09, CKY98, DK15b, HL09, HHHK13, HL01a, JNY84, JK13, KYWP06, KRR16, KR98, yL98, LLL00, LL00, LTT+99, LKL04, Lin12a, MLGA11, RVCM17, TTWY04, UDUO04, VGM13, VT98, VT99, YC08a]. Dataclay [MQG+17].
Dataflow [BS86, KD91, CD07, Hsi91b, SMM17, TL89, WLZ+17a]. **DATALOG** [Hsi91b]. datasets [HKS+17, LGX10]. date [Gla97h, Gla98k]. **Db4XML** [SVMAM04].

**DBMS** [Gor91, LKW+09]. **DC** [YL06].

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

**DCT** [LCC+13]. **DCT-based** [LCC+13].

**Ddbms** [DGS88].

**Ddbx** [FG93]. **Ddbx-LPP** [FG93].

**DDDAS** [NK15]. **DDH** [NLKW05]. **DDH-based** [NLKW05].

**DDO** [LKH+08]. **DDO-64** [LKH+08].

**DDS** [PG15].

**De-motivators** [BH03]. deadline [DVV+16, LLLL00, LSE12]. deadliness [CBL+15, HST15, HST16, SK10].

**Deadlock** [Coo90, IT03, PRN17, AHW10, KSAOK04].

**Deadlock-free** [IT03].

**Deadline** [FRGC10, Sko14].

**Debate** [Rei90b, Zuc90b, Zuc90a].

**debtor** [SLS08].

**Debugger** [Car83, ZENA93].

**Debugging** [BW83, BH83, FG93, Fri83, FAS94, GRS83, H096, KVH12, PL83, STJ83, SKF95, AVZ911, ASidMG914, Alz08, BBS00, BND14, BLC+18, DW14, OCCN89, PW18, SHY03, WWSZ15, WSQM05, WQ06, XST18, YLCZ12, CA14].

**decade** [DNBM12].

**Decentralized** [AS01, ESM11, HJ91, AMNT08, CHL05, HSC15, JS13, Ken80].

**deception** [DMA18].

**Decision** [DL94, MTA+16, Mos84b, URG10, Zha12a, vVT16, ABG02, BW16, BW+18, BFS04, CTZ92, DGGA17, DCP12, ETL15, GLZ15, GPMI13, GLJ00, Gh01, KWT+00, KLMZ08, mJKM01, Mos84a, OWG19, PWS+15, Pre90, RPT19, SWA+13, UZ09, WQJZ10, WPL+18, ZKL+09, vHAT13, vHJPB+17, AKA18].

**Decision-Based** [Mos84b, Mos84a].

**decisional** [LJC16].

**decisions** [BL09, CPS11, HGBS18, JBA08, MAH18, MFM10, SHS16, VML12, YL06, vHAI12, vHAT13].

**Declarative**

**Decoding** [BMJ11, LHY12].

**Decomposing** [CCD00].

**Decomposition** [LL98, MPS86, Mue86, Raj94, AE19, KG07a, Kar99a, MDBC17, SJ17, TC11, WHG01, YGH+08].

**Decomposition/generalization** [Raj94].

**decompression** [LLC08].

**decrease** [MJ18].

**decryption** [FNWL18, SWH+09].

**dedicated** [ZLD13].

**Définition** [LL97a, Uck91].

**deduplication** [XZZ+16, ZHH+17].

**deep** [DBL+18, YXH+18, ZLL+12].

**Deeply** [HC86].

**deExploit** [WLZ+17b].

**Defect** [CC07, KSH92, XLW18, ZR04, AC16, Bif03, CSN+17, EE08, HNH15, KT03, LASE00, LAT10, MS16, OCC13, OT18, PBP19, RSB+16, SLLY17, SPSM03, TT98, YJZ17].

**defect-prone** [EE08, SPSM03].

**defect-related** [MS16].

**DEF** [AO93F, DMA18, GLA93B].

**degree** [PD16].

**degrees** [Gla97e].

**delay** [CSW10, KTK01, LZ13, LGS+19, NSA10, TAB+16].

**delay-constrained** [LZ13].

**delay-tolerant** [NSA10].

**DelDroid** [HBM19].

**Delegatable** [WZ11].

**Delegated** [WHG01].

**delegation-based** [SM09].

**Deletion** [Hab85].

**Deliberations** [CB91, Kun91b].

**delivering** [SCO13].
Delivery [Che17, Emd91, AN16, KD05, LHH10, VvSvV16]. Delphi [EGHO16]. Delta [LLL+14, AD07, HM00, YLCZ12]. Delta-oriented [LLL+14]. Demand [HH87, LS14, DR12, HST15, HH05, 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, OL15]. Densities [KSH92]. density [HWML04, ZCZZ11]. density-based [HWML04]. depend [VC97]. Dependability [CG94, FMdAR16, Pow86, RASL12, VP00, BGG+06, DB06, HP16, LC09, MBPM19, SXWY14, XZAR06]. dependable [CGP+09, GRRX01, SJH+10, dLGR06]. Dependence [HOT97, HUMT92, BGH+08, BHH+10, CS16, CCW02a, CCW02b, HY00, HY01, YLY17]. dependences [MH11, PC01, WLL19]. Dependencies [HB83, BRS10, DCAC09, MSL12, OCC13, SPLW17]. Dependency [ADTZ12, HTH09, HR96, JLQ+10, WH91b, HJBH10, LSC04, WQ06, YZL+14, YR09, ZKL+09]. Dependency-aware [JLQ+10]. dependency-based [YZL14]. Demand [KOW95, Car99, FBD+18, FS05, IBM11, LU06, LH08, TSSD09]. Deployed [GDH05, BZ14, MHLMG14]. deploying [DBL+18]. deployment [AHH+10, ABL15, ÇT13, CXO+15, GDSB11, HS15, LLK11, MBAG11, PDC01, PCCB+11, RHL+17, SMS11, SDG+07, VSS+11, WL17, ZP06, ES07]. depreciation [BHVR18]. depth [CJ13, KM17, PUMP03]. dereferences [CBSM16]. derivation [CL17b, CNKL12, DSB05, LPM15, ROR11, RBW18]. Derivatives [Sta90]. Derive [AQ90, FCL+00]. Derived [LV97, HKN+07]. Deriving [FM90a, FSG+11, PFF12, Ku94, AJCM08]. Describing [She89, KT12]. Description [MR84, OKS08, Ayr98, BBA10, FIGCLN+02, GCC16, GS17, LZX09, LPXL10, RS06, SMG08, XLM+15]. Descriptions [BYY87, Mar84, Mil96a, CP07, EVR11, LLL+17b, NBA+17, OFR+12]. descriptive [PL99]. Design [ALT+09, AHH+10, AH81, Amnn91, BL09, BW96, BCD02, BYY87, Blh93, BDG13, BM83, CL94, hChSyCwL10, CH94, CLG08, CDJ+84, DG92, DDGR09, DS16a, EHS93, Fic89, FJ92, Gla90d, Gom89, Gom94, GRS02, GA95, Hae91, HRL09, HJ12, HG91, How80, HCC10a, Hur93, Joy87, KC96, Ken84, KRP02, KLL17, KW91, KW93, LWS+03, LJB05, LLK05, LWK+09, LNZ17, LF97, Loh84, MM81, MLGA11, MDB13, MJ89, Moh81, MB84, OC90, PW87, PZB10, PWCC01, Pdc94, Pha94, RLY+13, RA15, Row86, RT93, SJ93, Sak84, SKZ+04, SM17b, TOY95, TDT08, TKA+02, Tsu85, UW95, Var91, WNSC96, Wh81, WSR+83, Won93, WZF96, YY04, ZK85, ZCd96, Zha09, Zho93, ZX94, vGB02, AA07, AL05, AAN11, AKS11, ACS13, ACDF01, ARH+17, AAC+17, BPO+16, Ba08, BD16, BZ10, BHH+12]. design [BM07, BPSK18, BWD00, CSF+14, CFL+18, CLX+04, CA88, CGL+04, CH07a, CLLC96, CL04a, CCC06, CNSG12, CDDF99, CKL12, DI05, Dav09, Dav95, DR030, DSA+04, DLT99, DAR14, ED04, EMM01, EZOK14, ES97, FM11, FVHF+15, FBM09, FIGCLN+02, FSG12, FM11, FHT07, FCRF16, GK13, GJ88, GVPPM18, GD04, Gla94g, Gla90h, Gla90i, GPM10, GTA14, GMS07, GA13, DDF+13, HALS08, HZ79, HJBH10, HLAB99, HR95, HKN+07, HJP15, HL00a, HCC08, HHL+97, HC04b, Hsu01, JBA08, Jef92, JS90, JMS07, Kam89, KB09, KY92, KBK06, KK06, KRJ17, KCS08, KSFT89, KP07, LAEE00, LKRY18, LRv03, LH04, LT09, LSH09, LZZG07, LY09, LSA04, LJD10, MLB09, MCV16, MM19, MRY17, MM93b, Mey88a, MR99, MR00a, MR00a.
Nav92, NBR^+13, NOPF12, NWZ05a, Ost92, PLGT10, Phi98, PK89, PPF12, PK01b.

design [PGRQV12, Rey89, RDD02, SCS15, SNBH08, SHS16, Spj01, SMK^+18, SFM99, SDG^+07, SPSM03, SLLL12, SC09, TA02, TL99, TBGH06, TJH07, TNJH07, TBsvdW18, TJH15, UhCLS94, WJ301, Wj03, WVC^+98, WSMQ05, YWLG02, YZC15, YZY^+18, ZA15, ZFS15, ZADA15, ZLT10, ZM06, ZLZ^+96, Zhe04c, vHJPB^+17, KY09], design-based [AAN11].
design-time [AAC^+17], designated [CC09a, FWCS12, HYWS11, KBD09, RPSL10], designated-verify [FWCS12].
designed [CFAP17], designers [WK15, vHAT13].
Designing [AdB17, BL95, Ber03, Car92, DFPCSF15, FHL^+18, GH02, LCLL08, NC88, PB04, San95, SZ06, SVMAM04, SD02, TLK^+16a, VPM93, AF16, CCG^+07, CGP^+09, CW09, DBL^+18, GMLSF^+15, HLC99, SJH^+10, ZMAV08, MM93b].

Designs [AC97, TZ81, WSN92, ATHM17, OSG98, PG05, RPL97, RF14, SK02], desires [HKvVvdV07], desk [ABL16], destinations [WMOKY11], detailed [PFF12].
Details [Hen88]. Detect [BAH96, FW00, FCMJ12, KSS15, LTK^+15, TVMS18, YXH^+18].
detected [ZXC^+17]. Detecting [EUR^+13, St03, Tri66b, WCH03, WW09, AMdoLM17, YZY^+18].

Detection [BFR96, Gla93i, Goe08, JM90, KL95, LHC96, Wha90, WC02, Aab13, ASM18, BKLE18, BLB^+18, BRG^+12, CKCK15, CCP05, CXX^+15, DB005, DPP^+18, FMR11, HWM01, HWH02, HWH^+03, HK13, HAE^+15, HB13, HZ07, JZ07, KVSNN, KHC16, LASE00, LWB^+13, LG17, LYLH16, LH06, LJM96, LTW16, MCG8, MJZ^+10, ND18, PRN17, SG16, SKK^+18a, SKE10, SS14b, TR00, TLZ^+16, WBW^+06, WZG09, WJT09, WWZ^+14, WHMP99, WLC07, JWL^+13, WHC07, XTZX12, XTZX13, YWWS10, YLXZ16, ZFS15, ZWX^+08, ZLC^+14, AT18].

Detector [PAC13], determinants [VEM^+01], determination [HBM19].
determined [ZWX^+08]. Determining [Ke09, NDM80, NBH19, SV08].
deterministic [DC11], Develop [Amm91, PD98, TC93, AdB13, SMCL96].
developed [AT18, GN15, LMNA17, OD17, WK15].
developer [BCD^+18, C16, CPD^+18, GC13, HSM16, Lin99, MSK^+17, SHW09, SYXL17, YLCZ12, vAAJ16, LZHS11].
developer-related [CPD^+18], Developers [Or93, ABJ^+17, BDV17, GFWA18, HHKW16, HAE^+15, LK16, LVVT17, LS98, OBS^+18, WL15a].

Developing [Aki18, BM05, FGB^+19, CH11, DK94, HH97, HJSB09, Kal92, KSR18, JK09, MT094, SG06, TM97, CCF^+04, EA12, GMMC13, LMMN10, O^+08, PGPC17, SJ^+11, SÄM^+16, SP06, WR14, REF^+07]. Development [AYZI10, AN93, AMG14, BB096, CB99b, C0081, DI 87, DS85, FWP93, Gas96, GKL91b, GR97, HZ84, HL90, HHSR94, HS95, HH87, Je87, Jos83, Joy94, KS96, KT85, LUn98a, LP95, Lee93, LS17b, MM93a, MB84, NG91, Pan81, Phi81, Pla92, PL96, PZ94, PU84a, RS07, RO09, Sah94, Sei99, SM92a, Sta83, SB93, Sub93, TC89a, TK95, TDB97, TT93, WKM94, Zim84, vS96, vS83, vS80, ACF^+07, AJLS10, AKH12, AW07, ASG17, APS16, AB10, APCS10, AHC^+11, BG09, BCFP19, Bar94, BM00a, BCF18, BDGR01, BBS10, Bos12, BS15, CM15, CN16, CH09, CC11, CLI14, CBS00, COHC11, CL02, CNMR18, Dav88, DZ00, DC17, DNNM12, DCT17, DGCA17, DCP12, EB00, EL10, Fei12, FAI13, FDrRG^+14, FMRR15, FLS^+01, FCRF16, FPW96, FAI97, GKD13, GML05].
development [GRBNA10, GGC16, GR05, GD12, Gla98d, GC13, GPHS07, GTA14, Got93, GTF17, GJ07, HGP^+12, HP16, HDGZ06, Har00, HTB12, HVK11, HH08a, HHW01, HHB^+99, HMC01, HBJ^+99, IAA16, JED18, JPKP04].
JJ06, JK00, JTM04, J0r04, JK12, JST10, JR15, KWT+00, Kel15, KRJ17, KKLP09, KPME02, KPME05, KSM+16, KM14, KRC08, LCLP16, LGC17, LS04, LCL04, LK02, LWSH19, LCCJ10, LSD+16, LWZ12, LASL14, LJ16, LMYMG08, tLF89, MWM12, MKS10, MR01, MDP+11, MGB16, McE08, MA89, MMTL06, MT13, MKK09, MSB+02, NSL+07, NCK+15, NL99, NKZ17, NER01, OA08, OKS+15, PK13, PC15, PRS11, PFG13, PW09, PGRQV12, PLP04, PU84b, PFL16, PM10, RF18, RGBM06, RDD02, RS00, RSGH12, RMO+08, Sal80, SCdS06, SSMvD16, SFJ04, ST01, She02, SWA+13, SB14. Development [Sta09, SM16, SHHL12, SLLY17, SJK07, SP14, TC89b, Tha80, TDT08, TK00, VAM+10, VM12, WK15, WCC12, Wei79, Wes02, WWS13, WBBK18, YLA16b, ZA15, Ze88, Ze03, ZGY+15, ZGH+07, ZP17, ZS01, doZ+04, BMKM15, DL06].

device [ASV+16, BBG+04, OMLB16, SCL13, SHBC19]. device-related [SCL13].
devices [BJK+11, CDA11, CCDR+16, CTL12, CMK+11, D16a, IB11, LKW+09, LZHS11, LKL05, PCCB+11, PSG+09, SFJ04, SKE10, SHBC19, VA08, ZK04a].

DHARMA [MMM00]. diagnostability [BGLG13, KKH+16, LORB03]. diagnose [WLZ+17b]. Diagnosis [RB03a, SK02, CBS16, Hat99, JC02, LORB03, LDZL15, LXY09, MHLMG14, SKK+18a, WY04, WBS+10].

diagram [CTKT13, Kuo94, LJ99, YLC08].

Diagrams [BTT84, DS85, JNS4, LM15, TK91, WNS92, BCV06, BS12, CCR14, KZDX09, OWB11, SDB18, TLGE18, GC13]. dialogue [LHL05].
dialogue-based [LHL05].
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, WWTH08, YWTW+11].

differentiate [HY04].

differentiated [HY04].

difficulties [Jef96, KLT07, She02].

difficulty [Sch97].

diffusion [BM89, J12].
digested [LHL05].

digital [BEZ14, Lin01, AM10, CHW00, GMS11, HRL09, HL06, HYJL04, KM11, KLP10, MM14, SRGL08, SV+79, TCC02, yWpNyL11, YKC+05, CDS07].

Dimensional [MP88, Aba06, CCW02, DGWC16, HL08, LcLS06, LW+18, LQ+14, LO04, TC16, ZMAER99, ZCZZ11].

Dimensionality [SB93]. Dimensions [LO92, FS14a]. DIPS [MC04].

direct [CBZ00].
directed [CBZ00].
directing [KK11].
direction [CBZ00].
directional [CBZ00].
directions [BGEP17, FN99, Sai98, VHFST15].

directory [LS97]. dirty [Gla94d].

disabbreviation [LTHR97].

disabled [HWdS+15].

disadvantage [CDS07].

DISARM [KB16].
disaster [MAEL19, Gil88, HCL+10].

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

Disciplined [HL10, RMO+08]. disciplines [GAK92].
discourse [AT15].

discoverability [SM17b].

discovering [CD05, KVT+17, MV09, Oja16b, KV05, SJC13].

discovery [SMR09, CHL11, DMOQ17, GLJ13, HWHM02, HHK13, KK11, KKR16, LK09, LGH+17, LLW14, MPST06, SdSLS+19, SSM+09, VPL+10, WAO12, ZWM+18, ZS05a].
**Discrete** [Cla86, GAWW07, MS97, AMAY19, HRN+01, KDEK04, Lin12b, WS13].

**Discrete-time** [GAWW07].

**Disjoint** [CLC03].

**Disk** [Hač91, TC93, CB89a, CCSC01, CCSC07, KEK04, KL05, RFM10, SRT+12, TSSD09, VM00].

**Disk-based** [KEK04].

**Disk-Buffer-Cache** [Hač91].

**Disk-scheduling** [CCSC07, RFM10].

**Disparities** [WL16].

**Dispatching** [OB13].

**Displaying** [MS97].

**Dissemination** [ACSC16, HSS10, HL06b, LKK14, PSH06].

**Distance** [Blu89, AM04, LKL04, WG05].

**Distances** [CCW02b, CH07b].

**Distinguisher** [AMS+10].

**Distinguishing** [LUS+00].

**Distributed** [BGTC18, CKL08, WZJ01].

**Distribution** [BB81, Dye93, HBG+14, SL80, CBZ00, CKL90, CLG08, HBG+13, HSPD14, RSB+16, WWSZ15, WHHT08, YS04, ZK04b].

**Distribution-Based** [Dye93].

**Distributive** [Ver89].

**Dithered** [UUN13].

**DNA** [WGZ+12].

**Does** [Ano87f, FN85, Hen88, M¨ul07, OBS+18, OT92, BLLGSMB11, CPRT16, FF89, Gla93h, Gla98h, HA10, KR08, LS98, PCV+08, PVSG05, SNJ+07, YHMS16, CPT05].

**Document** [SMSH18].

**Document-driven** [AF16].

**Documentation** [Emd91, SG91, Sch81, Ber03, CSK89, Gla93a, HS03, JAvdV09, MTA+16, VVA+15, ZGYS+15, vHAH12, vHAT13].

**Documenting** [BAEH96, JBA08, AAA11].

**Documents** [BHL00, CH07a, CH11, HR10, LASE00, PWLH06, TH02].

**DoD** [Rav81, SG91, Wal91].

**DoD-STD-2167A** [Wal91].

**Does**
[GXZ⁺¹⁹, VC97, vHAT13, SMSH18]. doing [Gla88c, Gla98d]. DOM [KY09]. Domain [Gla92f, Jar93, KO95, Lam97, PC10, Pas96, Pou95, Sut00, TM97, dOZR⁺⁰⁴, ACG⁺¹⁵, AMCC14, ARS17, Anq92g, AMK12, BML⁺¹⁳, BRC09, BGH03, BKB⁺⁰⁷, CL06b, Del08, EMBS17, EZRK16, FBM09, FH10, FCL⁺⁰⁸, FLA⁺⁰¹, Fra04, GJ13, GW95, HGBM13, IZ18, JOZ03, JF99, Ken99, KG09, KKP06, KPS08, KMK16, LXCM11, LLL⁺¹⁷b, MSS18, AMCC14, ARS17, EMBS17, GW95, HGMB13, KMK16, SK10, ST13, SL03, SHS16, Spi01, SP14, yWpWyYPN13, YWWS10, ZGH⁺⁰⁷, KVH12, RASL12, VPdP13]. Domain-Dependent [KO95]. Domain-Dependent [KO95]. Domain-Independent [KO95]. Domain-oriented [dOZR⁺⁰⁴]. domain-polymorph [FBM09]. Domain-Specific [Lam97, Pou95, PC10, AMCC14, ARS17, EMBS17, GW95, HGMB13, KMK16, SK10, SHS16, Spi01, ZGH⁺⁰⁷, VPdP13]. Domains [GV92, JHYK10, MO84, NES⁺¹⁴, PAB⁺¹⁷]. dominance [CV95, MC01]. domino [LLLZ06a, LLLZ06b, DB95]. Done [Gla91h]. DoS-resistant [HCC10b]. Dot [Sha01]. Dot-com [Sha01]. DOTS [CL17a]. Double [NTRN11, BV15, KBRV17, KBRV18, TY18]. Double-layered [NTRN11]. doubtfully [Gla96g]. Down [MM81, HWML04, WCLL09]. downlink [WC11]. Downloadable [HCKY08]. DPD [ZENA93]. DPE [CHL05]. DPE/PAC [CHL05]. DR [HCKY08]. DR-TC [HCKY08]. Dr. [TG10]. drag [SB16]. drag-and-drop [SB16]. DRAMA [KPS08]. dramatic [Gla96d]. DRank [SPLW17]. Drat [LDN87]. DRBB [SBB08]. DRE [LBS⁺⁰⁷, SDG⁺⁰⁷, TDW⁺¹⁴]. drift [BGEP17, YF15]. Driven [Har81, Jar93, PMR16, Por93, YY93, AdB13, Aki18, AF16, AC16, ABCT06, BKR09, BCF18, Boz00, BKRW19, FGB⁺¹⁹, CCHW09, CWK⁺¹³, CPYZ14, CCC06, CHCO11, CV16b, DI05, DY99, ELHC13, FDÁM12, FA13, GMPN16, GKS18, GWvD08, GMS07, DDF⁺¹³, GEM15, HP16, HKV11, HK13, HRN⁺⁰¹, JR09, JPGRdL17, KKL09, KBM18, LWZ⁺¹⁶, MEB⁺¹⁰, MGB16, MBAG11, MAG12, MB19, MCS⁺¹², MGR⁺¹³, MD16, Mus03, NK15, NJ17, Özmn09, PLCC09, PDK⁺¹⁶, PG15, Phi98, Phi05, Phi06, PBD⁺¹², PRGRQV12, PQLN04, PZ15, PG⁺¹⁰, ReCy99, RM17, SAMN12, SBDB19, TKM03, TKJ16, TAF⁺¹⁷, TTR⁺¹³, TGP11, UIK17, VM12, Wau19, WWSS13, WL06, ZLC⁺¹⁴, dBvV03, AJCM08, BMKM15, DL06]. drivers [BCB09, OMLB16]. drives [nWsCqW12]. DRM [LLL12, LH10]. DRM-protected [LLL12]. DRMFS [LLL12]. drop [SB16]. DS [NJ17]. DSEA [LLLZ06a, LLLZ06b]. DSFMS [GPMI13]. DSL [MAGC⁺¹⁷]. DSLs [BLC⁺¹⁸]. DSM [INS00]. DSP [LC05, LC07, PNM04, WWL⁺¹⁰]. DSS [GRR16]. DTA [Rav03]. DTN [ST11, VT14]. Dual [WY04, HCC05]. due [JLC04]. dumb [MKRO14]. duplication [HTK00, LYL16]. duration [GGC16, LMA15, PCK16]. durations [LNY⁺¹¹, ZXW⁺⁰⁸]. During [KSH92, BRS⁺¹⁸, BKRW19, FB18, FAI97, Lut96, MAAC17, SFM99, Ze88]. duty [WL04]. DWT [CWP09]. DWT-based [CWP09]. DyDAP [SGBCP12]. dying [Gla97b]. Dynamic [APM⁺¹⁴, APT⁺¹², BFR96, CSaLG02, DTV⁺¹⁶, DT09, EGG⁺¹¹, FG93, Gan91, HJ90a, HJ91, INS00, KL90, Len97, OSG98, OC12, OC04, PCCB⁺¹¹, QK08, SSM⁺⁰⁹, SM03, SF92, VSS⁺¹¹, WCX15, WCTK12, YRN80, YC08b, ADZ⁺¹⁰, ASV⁺¹⁶, ADET12, AKA⁺¹⁵, AR17, BRB14, BRC09, BRMA⁺⁰⁹, BGH03, BPQP⁺¹⁰, BSKL10, BLML10, Boz00, CS15, CDF07, CCD⁺¹⁶, CDS⁺¹⁸, CK15, CD00, CTL12, CBG09, CTY16,
CS12, DY15, DS12, DZT/+4, DI01a, EOM95, EA11, FL09, GJ88, GP05, GDH05, GWDE07, DDF/+3, HSM/+0, HLL01a, JS16, KYP/+03, KBH07, KDEV04, KPG/+07, KMOS09, LBS/+07, LLY07, LLLZ/+15, LL01d, Li11, LLLZ/+12, LG15, LH11b, LSAC04, MCC/+18, MMM00, MHW01, MLC09, MMK/+06, MAAC17, MM06, NK15, OM13, OD05, PB15, PLHP/+15, PCYZ12, PAR14, RO13b, RLLZ/+18, RW01a, RMCH/+14, SM09, SL08, SGBCP12, SA08].

dynamic [SA05, SH07, SKF17, THWC10, VKL15, YLC18, Zhu06, vdBK94, CBT/+14].
dynamic-circuit [CCdR16].
dynamical [jT12, Wen16].
Dynamically [FS91, GAT15, KPT09, CFN10, QOLJG16].
Dynamics [AH93, ESRF19, KLRW01, PL99, PMB99, RRT01, SG01, WC99].
DYNAMOS [RT07].
DYSCS [CdR16].
e-business [LC09, ZMAV08, RCL14].
e-commerce [DLW/+13, WGC02].
e-contracting [AG08].
e-mail [MRJD/+12].
e-science [SZZ06, ZL06].
each [LY01].
earlier [Ber02].
Early [CM15, CREH/+18, GRU07, KL95, Lok96, OA208, OT18, SMK/+18, WJT09, APS16, Dav88, ED04, FSG/+11, JZ07, LKB06, MCC05, NHIC13, PCC02, SG16, SS15, ZK13].
EASE06 [KB07].
EAST [WRTP/+13].
EAST-ADL [WRTP/+13].
Eastman [Sed93].
easy [Dav95, MFG/+08].
eBizBench [LC104].
ECC [LH11b].
ECM [LP05].
EClass [KCT12].
eco [SZZ06].
eco-security [SZZ06].
economical [CC03].
economical [GPL/+15].
Economics [Blu93, AW07].
economy [JK12].
ecosystem [CRL/+12, Han12, KHMA12, LZO/+16, PSZ17].
ecosystems [AS16, BBS10, Bos12, EB14b, IB014, ISS14, HSM16, MH13, Man16, SA12, VA17, VA18, vAA16, KJS/+12].
ECP [Cic16].
ECUs [LSN18].
Edge [Zuc90b, FF12, LTW16, TJT/+18, WLT/+09, WCB/+17, YCYL13].
Edges [Ber93, MC10].
EDI [LH101b, LCT01].
EDICT [BLPB02].
editing [RDD02].
Editor [Fai85b, Gla97e, Gla98i, Ree85, SM83, CCM12, vEHV89, Ano86a, Ano86b, Ano87d, Ano90d, Ano91c, Ano91b, Ano92f, Ano92g, Ano93e, Ano93f, Ano93g, Ano94e, Ano94d, Ano94g, Ano01g, Ber94, BS93, Bol97a, Car02, Car04, Car08, CDW07, Fai83a, Fai83b, Fai83c, Fai84, Gl, Gla86, Gla88a, Gla88b, Gla89a, Gla89b, Gla89c, Gla89d, Gla89g, Gla89e, Gla90b, Gla90a, Gla90c, Gla90d, Gla90e, Gla90f, Gla90h, Gla91a, Gla91b, Gla91c, Gla91d, Gla91b, Gla91e, Gla91i, Gla91g, Gla91f, Gla92d, Gla92e, Gla92b, Gla92c, Gla92f, Gla92g, Gla92h, Gla93a, Gla93b, Gla93f, Gla93g, Gla93c, Gla93e, Gla93d, Gla93h, Gla94c, Gla94d, Gla94g, Gla94e, Gla94f, Gla94h, Gla94b, Gla94i, Gla95c, Gla95d, Gla95a, Gla95f, Gla95e, Gla95b, Gla96b, Gla96c, Gla96d, Gla96e, Gla96f, Gla96i, Gla96g, Gla96h].
Editor [Gla96j, Gla96k, Gla97d, Gla97f, Gla97c, Gla97i, Gla97h, Gla97k, Gla97g, Gla97j, Gla98f, Gla98g, Gla98h, Gla98j, Gla98k, Gla98c, Gla98d, Gl, Got92a, Got93, Har90b, Har93, Har94, Har95b, Hoa94, yL98, DGV08, Pla95, Rad84, Rid81, Sai98, Wey01, Wyn01].
Editor-in-Chief [Car08].
Editorial [Ano98d, Ano98e, Ano99a, Ano99b, Ano99c, Ano99d, Ano99e, Ano99f, Ano99g, Ano99h, Ano99i, Ano99j, Ano99k, Ano99l, Ano02h, Ano02i, Ano02j, Ano02k, Ano02l, Ano02m, Ano03e, Ano03f, Ano03g, Ano03h, Ano03i, Ano03j, Ano03k, Ano03l, Ano03m, Ano03n, Ano03o, Ano03p, Ano04h, Ano04i, Ano04j, Ano04k, Ano04l, Ano04m, Ano04n, Ano04o, Ano04p, Ano04q, Ano05h, Ano05i, Ano05j, Ano05k, Ano05l, Ano05m, Ano05n, Ano05o, Ano05p, Ano05q, Ano11a, Ano11b, Ano11c, Ano11e, Ano11f, Ano11g, Ano12e, Bae05, Bae06, BMB02, Car08, CF08, CSSW03, CHS/+07, EST06, GP10a, Gla98c,
Gla98d, Gla98e, HJP07, JWT17, KMR05, LW02, MN08, PGTS08, RW01, TGB17, TW08b, WM09, Won10, WC16, vV08, HLM+09, SY16a, Ano04f, Ano04g, Ano11d, Ano11h, Ano11i, Ano11l.

**Editorial** [Ano11l, Ano12a, Ano12b, Ano12c, Ano12d, Ano12f, Ano12g, Ano13, 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, Ano15k, Ano16a, Ano16b, Ano16c, Ano16d, Ano16e, Ano16f, Ano16g, Ano16h, Ano16i, Ano16j, Ano16k, Ano16l, Ano17, Ano17a, Ano17b, Ano17c, Ano17d, Ano17e, Ano17f, Ano17g, Ano17h, Ano17i, Ano17j, Ano17k, Ano18a, Ano18b, Ano18c, Ano18d, Ano18e, Ano18f, Ano18g, Ano18h, Ano18i, Ano19a, Ano19b, Ano19c, Ano19d, BKW10]. **Editors** [BDM+93, BDV17, CdS18, Ano94f, Ano95h, BS96, CU98, HY94, MS79a, MS79b, MW08, OPS11, OP92, SM80, SM81a, SM81b, SM81c, SM81d, SW95a, ZS95, ZWM96]. **EDS** [Won93]. **EDT** [Lai97a]. **Educate** [Gla91e]. **educating** [SJ05]. **Education** [BLPB92, CFSS98, Mat86, Rus90, RO13b, RVCM17, SAASA94, SD94, SHBC19, SAN+17, Xia13], **efficacy** [HBJ+99, MMTL06]. **Efficiency** [SKKL07, vS83, CW12, DMSG11, FMP09, GKS18, Hua05a, KCT12, LSNL+19, MK06, PAR14, SB12, TDW+14, WH15, WOC15, YTH04, ZS05a]. **Efficient** [AMP12, ACSC16, BM18, Be93, BDM+93, CCG+18, Fra86, GLWY10, GKG19, GH04, HPT07, Har81, HL11, HL06b, JLY14, KH97, Kin17, KKR16, LH10, LLK04, Lee07, LZL+15, LWZ+16, LHYZ12, MPST06, MCKA18, NES+14, NZM10, OFWP07, Ow96, PWLH06, Ran90, RO13b, RVC17, SAASA94, SD94, SM00, SGO13, TW95, TH05, ULN06, WVT+14, WXZ+17, WL09, YCL13, YZL+14, ZGZ+13, ZHAY12, Aba06, ATvHJ18, ASV+16, AM04, BHAM09, Bar15, CDA11, CKCK15, CD00, CLH07, CH11, CLY17, CLI08, CLC08b, CH11, CZG+15, CLG08, CTL08, CBK02, DA07, EMB17, EZOK14, FS06, FNWL18, GQ12, GCSSDP+18, HL09, HWL13a, HC04b, HSS10, HS15, IB11, JW06, JC02, JLYK09, JXL15, KKH+16, KAK96, KKH11, KPS09, KKL11, LMS11, LH11a, LKL+11, LHLY+12, LZ13, LZXG15, MPN+17, MC04, ML09, MSAH16, MT10, MMM06]. **efficients** [NNVD17, OT17, PHN08, P09, Pen11, PPM17, PFL16, SM17a, SC08, Sh17, SOC+03, TLL12, Tse07, TL07, TL09b, USLC01, UDG04, VT14, WMWZ12,
WK88, WC11, YWLG02, YC09, YC08a, YSK06, YH10, YC08b, ZM12, ZGSH13, fLSN18, MC10, MPG+08. Efficiently [YZY+18, IJC03, LBCL10, LGZ+18]. Effort [Dol97, DG80, Eva95, FWD97, JBC91, Lee93, NQ98, SB93, SB95, WSD81, ASMN15, ABL16, ANC11, ANM15, CM15, CH07b, DCT17, dGFDL16, GJ07, HBVG08, Huo05b, IAA16, IHA16, JS03, JTM04, Jor04, JH10, Jor10, KM14, LH08, LJ16, LMYMG10, MS03, MDGF08, MT98, MdFD+15, NBH19, PCC18, RS500, SPTC18]. Efforts [HH97]. Eiffel [Mey88b]. eight [GTFT17, VCD+16]. EIS [Sal02]. either [Gla95g]. elastic [HWR17, ZGSH13, dACM17]. elasticity [DMI17a]. elasticizing [GE15a]. elderly [HWdS+15, TCC12]. eLearning [JRO12]. election [LMS11]. electricity [LZL+15]. electrocardiogram [SLW+15]. Electronic [JT97, Ber03, CW09, FHHL09, PTK00, SL02, WKV11]. electronics [HTB12]. element [NG08]. element-based [NG08]. elements [AMdLM17, FSGYP17, HLWC04, SFM99, TKZW17]. EIGamal [CWH00]. EIGamal-like [CWH00]. Elicitation [Lan98a, LZLC17, GSM15, PG12]. Eliciting [ASS07, CP07, DB06]. eligibility [DMSG11]. elimination [CCH09, LZ12, Özma99, WAWO12]. elitism [PS13]. elliptic [BAAS13, EHKH04, IB11, JW06, NZM10, PNJ11, YC09]. Elliptical [MPS86]. Else [Lak93]. elusive [SKZ+04]. email [CP09]. embed [KPS10]. Embedded [ABCH13, LPXL10, War89, Wae81, WCTK12, ARMC16, BRMA+09, CWK+11, CC03, hChSyCwL10, CS04, CG05, De 98, Del08, EB14b, DDF+13, HZG+12, HNS12, HLC+09, JHSB09, KCS01, KSM+16, KSH+12, KP07, KLGH07, LNY06, LC11, LLS11, MYZC06, Mar81, MFMCY12, MBAG11, NEM17, PB04, RAK15, SO03, SCwY12, SP08, SJH+10, TC12, WCLK07, WWL+10, WWSS13, WDN05, XYS07, YSSAr14, dRSBA13, fLSN18]. Embedding [Cho04a, LCT10, Pdc94, SÅM17, AO16, EA11, HCL12, KCO9, MKH+12, PWLL13, WLC08, YWWS10]. EMBOT [ZEY04]. emergency [LN13]. emergency-care [HWdS+15, MPLL+15]. Emotion [MPLL+15]. Emotion-led [MPLL+15]. emotions [CFA+19]. Emphasis [Lit90]. Emphasizing [CH94]. Empirical [AW07, AS96, BGBP96, DDMP14, Em091, FA13, FP19, Har00, MBB01, MPLL18, Pas96, Por93, PFL16, RK00, RPT19, RSGH12, SKW06, Sta93b, Sub93, SB95, SYB97, SAN+17, UN09, Wie14, WSJ14, ACS07, ACG+15, AL05, AKKS11, ARH+17, AB10, AS00, ANM15, BKZ+06, BVN07, BRB14, BB99, BSS00, BCD+18, BGH+08, BHVR18, BvD06, BT03, CFL+18, CH09, CH10c, CO12, CN00, CGSGR06, CGMPAP08, DvdVA+13, DRS03, DOL+16, EA14, EJ01, EED16, EBC10, FB18, GTA14, HHKB16, HP16, HH07, HJN11, HS99, HBJ+99, HKS+17, IS03a, JSL16, JPK00, JH01, KFLS18, KY10, KPM02, KPM05, KT03, LMH10, LWSH19, LS07, LJS05, LMS12, LTC01, LWCO06, LCL15, DPS03, MNS13, MBDC17, MSA08, MM00a, MGR+13, MR00b, Mur08, MHLMG14, NC01, NWZ05b, OOD09, OWG19]. empirical [OD05, PLM07, PHR10, RGV04, Rob98, RNR17, STS+19, So187, SSA08, SC01, SLLL14, SKF17, Tan00, TB13, VK08, VHF02, VBC+14, WM95, WDMR99, YC13, YHMS16, YR09, ZXC+17, ZFY+19, BWH10, MPTT14]. empirically [GN15]. empirically-developed [GN15]. employee [LC09]. Empowering [De01, MF90, VTT+17, CDS02]. Empowerment [OD17]. Emulation [YY93]. Enable [MSB18, CDA+14, PACH15, VvSV16]. enabled
enabler [LWZ12]. Enablers [ESWA18].

Enabling [BHH+12, BLUH15, HMSW03, JZL07, PC15, YYS+16, SKKL07, TC12].

enactment [GPHS08, RRM17].

Encapsulation [Joy87]. encoding [CNL13, CSW13, HL09, HCL12, MLC09, MIUM12, WCCL10]. ENCOMPASS [TC89a]. encompassing [LD00]. encountered [GSdS16]. encrypted [BTPLST15, BL11, CH11, GZS+18]. encryption [BAAS13, CHC01, FSGW11, GMR08, HY95, LLLZ06a, LLLZ06b, LLCL08, LW13a, LW13c, NES+14, RG10, RPSL10, SNM14, SLZ12, SWH+09, jT12, WWYZ11, WHY+12, WGZ+12, WH02, YLS+16, ZLW12, ZT14, ZML17, ZZ12, ZL12b].

End [BCFP19, GL00a, SP14, ZK85, AK14, CFL+18, CTHW12, FBC80, Gla99d, GCSDP+18, HBG+13, HBG+14, KY10, KD05, LKP13, LS05a, LASL14, LSLG17, MNO18, SK10, WCLK07]. end-of-century [Gla99d]. end-to-end [CTHW12, FBC80, GCS+18, HBG+13, HBG+14, KY10, KD05, SK10, WCLK07].

End-user [BCFP19, SP14, AK14, LASL14, LSLG17, MNO18]. Endpoint [AT18]. ends [LJ10, LR10b, PSS11]. endurance [nWcW12]. enemies [WLL17].


engine [CHL05, HKW00, LS92, MSGM17, SVMAM04]. Engineer [Bah91, Pla92].

Engineering [AAC16, AJMP96, ACCD91, BF81, BCD92, Boe80, BHR99, Bv08, BX09, CG15, C899b, CCCY17, Ch91, CVGP13, CL95, CBVD07, CDJ+84, DR92, EHS93, F994, Gar13, GHC91, GR05, Gla92a, Gla96a, Gla97a, Got90, Ham81, HC15, HD84, J98, J97, Jef91, Jef96, KSS84, KL96, KB07, KL91, Lan90, LL85, LN13, Mait96, MA89, MR80, Mey88b, Mil89, NFSM11, O83, PMR16, PSS11, Pro89, S95, S96, Sta93a, T4B17, TR89, VM89, VE03, Woh16, Ze96, ZC97, AAC07, ADZ+09, ADG08, AA07, AS10, A05, AM18, A0968, BM05, BMA+13, BNvdH05, BCFP19, BCR+19, BM89, BBND+18, Ber95, Ber02, BCL+18, BS96, BDBL15, BRS+18, BDA+02, BDM+19, Bra89, BCG+13, BKB+07, Bud00, BT05, BM00b, CC08a, CD18].

engineering [CSNS05, CLR18, CC11, CR89, CRESF+13, CU98, CD07, Cowx05, CNMR18, DGRN10, DA07, DJW08, DS98, DD01, ETM10, EC04, E92, FADM12, F07, FVHF+15, FOR19, FP19, FCSM09, FS17, FCC+10, Fug99, GPP+17, GCBD15, GCDY16, GJ16, Gla89c, Gla94a, Gla95c, Gla96b, Gla98b, Gla99a, Gla99b, Glao0c, Gla00d, GCO2, GC03, GCO5, GPM08, GSB+07, HBP+17, HP16, HF08, HLS+13, Har88a, Haz02, HAHH06, HS11a, HBB+99, HJP15, HFRH09, IZ18, JED18, JR90, JPDG17, JTW98, JDLS16, KPTV09, KLA+19, KSI19, Kim07a, Kim07b, KBBW05, LLM+17, LCM+13, LFW15, LHG+18, LSLG17, LHLG+15, MCHJ17, Mea09, MACB19, MAGC+17, Mer13, Mi00a, MPL+15, ML08, MR00b, MSSHDC12,
NBM19, OK18, PILO06, Pf99, Phi06, PH07, PC98b, PKB09, Qui94, Rad84, RF18, RRV19, RAK15, RR00. **engineering** [RHM+18, Sai99, Sai02, SW05, SW19, SGP12, SNL16, San16, SdM16, SSSA17, dMSSS+13, SBDB19, Som13, SG01, TKM03, Tom89, TTL+13, TKP+18, TL09a, TCG06, TFLW99, UGFK15, UIK17, VCa+16, VM07, VLL18, VB99, VHF02, VEM+01, VBC+14, VCG17, WMAS12, WCV+98, WR99, WrdMN+13, WSM15, WBBK18, WTG+08, WTG+09, WTG+11, WLD16, ZTCZ16, dSdMSNO+14, vDB05, Bor12, CSSW05, DDM14, GC01, HLS+13, LAHS97, VPMV+13]. **Engineering-based** [GR05]. **Engineers** [MP89, TB95, HG18, JFG07, Let00, sDF12]. **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]. **Enhancements** [LYLC16, O09]. **Enhancing** [CPD+18, FVHF+15, LTHR97, LH08, MKS10, PTK00, SYXL17, ZS05a, ZCZZ11, HY95, LHC95, ZSP01]. **Enough** [Gla97f]. **enrich** [TCCH12]. **Enriching** [JAvdV09]. **Ensemble** [LLC17, ANM15, IHA16]. **ensembles** [SH17]. **ensure** [CH10b]. **Ensuring** [ABW07, HHSR94, ATHM17]. **Enterprise** [SK11, BK17, CCG01, CG03, Chu97, JBSL12, LJH10, LBS+07, LK02, LLX+11, NHH+12, NKJT09, NB13, RN17, SL02, SS14a, SCC16, TSPH06, WAWO12, dSdMSNO+14, FCMJ12, PNL07]. **enterprises** [VA17]. **Entity** [BTT84, CH94, DK15a, JN84, MR84, Sak84, San95, CTKT13, CPW98, JNY84, Ku04, LWXZ10, MPN+17, SZ06, WYLG13, YLC08, ZLZ11]. **Entity-Life** [San95, SZ06]. **Entity-Relationship** [JN84, MR84, Sak84, JNY84, Ku04, YLC08]. **Entity-Class** [CH94]. **Entropy** [Moh81, WFT19, LEL+06, Özm09, SS04]. **entropy-based** [Özm09]. **Enumeration** [Ni97]. **Environment** [AM85, BFG97, Bh86, Chr91, DS85, 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, CC99a, CZG+15, CPL+04, DB95, DK01, FHL+18, HHZ92, HK09, HC04a, HLYL06, KK06, KSH+12, LCL04, LPJP09, LNY06, LZR16, MJ18, NLK05, PIL06, SZZ06, SA11, SOC+03, SSAS11, TA02, TL89, TM02, TT13, TTT14, VA08, XZZ+16, YH13, YLC18, ZR04, dOZR+04. **Environmental** [ZP17, HCWN05, ZSP01, ZLCY06, ZZP15, DFCPS15]. **Environments** [ACCD91, BL95, FG94, GHC91, Jef87, KSS84, KW91, MMSH92, PT91, Sch97, ZC97, AR12, ADZ+09, AHW+10, AD14, AdAD17, AM10b, BSG12, CNM18, CELS07, CL04a, CLL10, DI05, DSSL09, DY03, DTV09, DMP07, FPW96, GGK19, HMOK18, HGP+12, HL06b, HCC05, JS16, KSN17, KSEN17, KGT02, KK17b, LKK04, LSZ+07, LLH08, LVMPPCLS13, MCO4, MG107, MPG+08, NK14, Ni97, NKJT09, PJ09, PLGT10, PM10, RT07, SC02, SC08, SLW+15, Tan04, WDC12, XYZ+19, YCO9, ZMN05, NFSM11]. **epidemic** [MK08]. **EPR** [UUN11]. **Equate** [Zei88]. **equation** [SM08]. **Equations** [Rod86, EMBS17]. **equipment** [AAMS16]. **equipments** [AAMS14]. **equivalence** [DPP+18]. **Er-Data** [Mar84]. **Era** [Gla00e, FG+17, Gla00g, Oja16a]. **ERD** [CTK13]. **Ergodic** [FN86]. **Erlang** [CF13, Lai97b]. **erosion** [dSB12, vGB02]. **ERP** [CWJK13, Ifi11, MRM16, NG02, PD16, RP+13, SL10, WSJK08, WOH08]. **ERP-client** [NG02]. **Erratum** [AAH12b,
KPME05, LKJR10a, LLLLZ06a, Woh16].

**Error** [BDM+93, Dye87, Gla93i, Goe80, JM90, MM93c, OW84, Sel93, TC06, BMJ11, CXO+15, KBM18, LP00, LS07, LQLC16, LWBH16, MT07, MSGGL12, MA10, OBS+18, SL08, TVK95, TBD+08, Wei79, WAWO12].

**error-correcting** [BMJ11]. **error-prone** [SL08].

**errors** [DG92, HP92, TDB97, BG06, CSS+13, FCMJ12, Glaa9g, HCS09, JSHW14, LCLF13, Lut96, OCCN89, SW88, Wes02, ZW15].

**Escape** [Gla95a].

**escrow** [Nec96].

**ESPRET** [TAS+18]. **ESPRIT** [WBR90].

**Essential** [Jef96, KBK06].

**Establishing** [ANB93, BVN07].

**estimation** [LB95, ELH00, GJ07, HFE10, Jør16, LJ16, MOHB08]. **Estimating** [Cai98, EG00, HH97, LYC14, Ozk97, SeMC02, TTC18, CBAV16, KLB15, LP00, LGX01, MH12, MM01b, WL15a].

**estimators** [HP90, TR00].

**ETCS** [ZH05].

**Ethical** [Car99, Kal92, McF92, Spa92].

**Ethics** [BLPB92, CM92, Got92a, Got92b, LIC92, Lue92, SM92b, WKbOS17, Got90].

**ETOOD** [TA02].

**European** [AM94].

**evaluating** [LP95, ELH00, GJ07, HFE10, Jør16, LJ16, MØHB08].

**estimating** [Cai98, EG00, HH97, LYC14, Ozk97, SeMC02, TTC18, CBAV16, KLB15, LP00, LGX01, MH12, MM01b, WL15a].

**estimations** [MPAA15, TR00].

**estimator** [SD16a].

**estimators** [HP90, TR00].

**ETCS** [ZH05].

**Ethical** [Car99, Kal92, McF92, Spa92].

**Ethics** [BLPB92, CM92, Got92a, Got92b, LIC92, Lue92, SM92b, WKbOS17, Got90].

**ETOOD** [TA02].

**European** [AM94].

**evaluating** [LP95, ELH00, GJ07, HFE10, Jør16, LJ16, MØHB08].

**estimating** [Cai98, EG00, HH97, LYC14, Ozk97, SeMC02, TTC18, CBAV16, KLB15, LP00, LGX01, MH12, MM01b, WL15a].

**estimations** [MPAA15, TR00].

**estimator** [SD16a].

**estimators** [HP90, TR00].

**ETCS** [ZH05].

**Ethical** [Car99, Kal92, McF92, Spa92].

**Ethics** [BLPB92, CM92, Got92a, Got92b, LIC92, Lue92, SM92b, WKbOS17, Got90].

**ETOOD** [TA02].

**European** [AM94].

**evaluating** [LP95, ELH00, GJ07, HFE10, Jør16, LJ16, MØHB08].

**estimating** [Cai98, EG00, HH97, LYC14, Ozk97, SeMC02, TTC18, CBAV16, KLB15, LP00, LGX01, MH12, MM01b, WL15a].

**estimations** [MPAA15, TR00].

**estimator** [SD16a].

**estimators** [HP90, TR00].
event-based [DPSU06, HSPD14, KBM05].
event-driven [PLCC09, PG15, Phi98, TKJ16].
event-extraction [BRB14].
event-triggered [SFSE05]. EventHealer [TKJ16].
eventual [BDK08].
every [GSB07]. Everything [SST16].
Evidence [Bro81, SdSGdMSN13, JR09, Wen03, DLW13, NSL07].
evidence-based [JR09].
Evidence [KD91, DM17b, KM89, TLA18].
evidence-based [RD91, SB90, NS87, AD98, KS90, W99, MC99].
[AD07, CSKB⁺89, FLN91, HCN00, KOS15, KKIM'T96, Loh84, Mii96b, Moy96, NY84, TLP05, WNSC96, YS02, ZPEL01, BNvdH05, BDD⁺15, BDPRC18, CJH08, CTC06, FWH97, LASE00, LMIV15, LFCL12, LJ99, MMTL06, OK11, OFR⁺12, PG04, RSS00, SK02, Zel09].

Experimentally [NSM17].

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

Experiment [NN98, CK02, PC02, PWLH06]. Expressive [MMP15].

Extendable [NC10]. Extended [Bra96, GMGTdFR14, CSW10, CH10b, EFSMJ17, LLK05, LMS12, MDFG08, ORGR⁺18, LKJL01]. Extending [HL09, JF04, Lut00, MM92, MBT16, ST89].

Extensibility [KFS⁺02]. Extensible [CLL05, CC03, KLMC06, LQJW12, Luk11, OAC11].

Extensions [CG03, KCS08, MLGA11, SdSLS⁺19].

Extent [EG00]. External [Arc81, Ver89, WLCC95, ABG02, GMB⁺09, Ifi11, PS09].

Extra [TGE17]. Extra-functional [TGE17].

Extract [IWF07, TC11, TH02, BDO11, FTSC12]. Extracted [CCWT13, WPP⁺09].

Extracting [AK15, DCG16, SDB18, YS16, YLCS16, JG08, AP09, CGP⁺05, Fle95, JDLS16, KSFT89, Mii00a, Mii04, MNSA16, Mii05, SKK⁺18a, SKW06, Vis99a].

Expertise [Ifi11]. Explaining [DNBM12]. Explanation [Wic92, CSN⁺17]. Explicit [Cic16]. Explicitly [GJ08].

Exploitation [SZ11]. Exploiting [BFPAGS⁺08, CFN07, ECRVMS11, GE15b, ILZ14, IS18, STH⁺07, TLZ⁺16, TGE17, VT14, Vla98, FAM12, FH⁺15, HH00].

Exploits [WLZ⁺17b]. Exploration [Dam96, GD04, JPDG17, SPM99, TAV13, vHJPB⁺17].

Explorative [KLT07].

Exploratory [ZS01, AMbLM17, BS12, CsDSST⁺18, ECH15, GCDY16, GW10, JR15, KNA11, MBF12, MAH18, MF10, ORN02, PVG05, PV06, RASL12, SS12, SNJ⁺07, TKZW17, Tan00, ZGH⁺07].

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

Exponent [LCL15].

Exporting [TTL⁺13].

Express [BGH⁺08]. Expressing [BNR09, Lak97, RB99].

Expressions [Bra96, BH83, Hee90, CK02a, FC02, PWLH06].

Extensible [AD14, DCG16, EFSMJ17, LLK05, LMS12, MDFG08, ORGR⁺18, LKJL01].

Extending [HL09, JF04, Lut00, MM92, MBT16, ST89].

Extensibility [KFS⁺02].

Extensions [CG03, KCS08, MLGA11, SdSLS⁺19].

Extent [EG00].

Extra [TGE17]. Extra-functional [TGE17].

Extract [IWF07, TC11, TH02, BDO11, FTSC12]. Extracted [CCWT13, WPP⁺09].

Extracting [AK15, DCG16, SDB18, YS16, YLCS16, JG08, AP09, CGP⁺05, Fle95, JDLS16, KSFT89, Mii00a, Mii04, MNSA16, Mii05, SKK⁺18a, SKW06, Vis99a].

Expertise [Ifi11].

Explaining [DNBM12].

Explanation [Wic92, CSN⁺17]. Explicit [Cic16]. Explicitly [GJ08].

Exploitation [SZ11].

Exploiting [BFPAGS⁺08, CFN07, ECRVMS11, GE15b, ILZ14, IS18, STH⁺07, TLZ⁺16, TGE17, VT14, Vla98, FAM12, FH⁺15, HH00].

Exploits [WLZ⁺17b].

Exploration [Dam96, GD04, JPDG17, SPM99, TAV13, vHJPB⁺17].

Explorative [KLT07].

Exploratory [ZS01, AMbLM17, BS12, CsDSST⁺18, ECH15, GCDY16, GW10, JR15, KNA11, MBF12, MAH18, MF10, ORN02, PVG05, PV06, RASL12, SS12, SNJ⁺07, TKZW17, Tan00, ZGH⁺07].

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

Exponent [LCL15].

Exporting [TTL⁺13].

Express [BGH⁺08]. Expressing [BNR09, Lak97, RB99].

Expressions [Bra96, BH83, Hee90, CK02a, FC02, PWLH06].

Extensible [AD14, DCG16, EFSMJ17, LLK05, LMS12, MDFG08, ORGR⁺18, LKJL01].

Extending [HL09, JF04, Lut00, MM92, MBT16, ST89].

Extensibility [KFS⁺02].

Extensions [CG03, KCS08, MLGA11, SdSLS⁺19].

Extent [EG00].

Extra [TGE17]. Extra-functional [TGE17].

Extract [IWF07, TC11, TH02, BDO11, FTSC12]. Extracted [CCWT13, WPP⁺09].

Extracting [AK15, DCG16, SDB18, YS16, YLCS16, JG08, AP09, CGP⁺05, Fle95, JDLS16, KSFT89, Mii00a, Mii04, MNSA16, Mii05, SKK⁺18a, SKW06, Vis99a].

Expertise [Ifi11].

Explaining [DNBM12].

Explanation [Wic92, CSN⁺17]. Explicit [Cic16]. Explicitly [GJ08].

Exploitation [SZ11].

Exploiting [BFPAGS⁺08, CFN07, ECRVMS11, GE15b, ILZ14, IS18, STH⁺07, TLZ⁺16, TGE17, VT14, Vla98, FAM12, FH⁺15, HH00].

Exploits [WLZ⁺17b].

Exploration [Dam96, GD04, JPDG17, SPM99, TAV13, vHJPB⁺17].

Explorative [KLT07].

Exploratory [ZS01, AMbLM17, BS12, CsDSST⁺18, ECH15, GCDY16, GW10, JR15, KNA11, MBF12, MAH18, MF10, ORN02, PVG05, PV06, RASL12, SS12, SNJ⁺07, TKZW17, Tan00, ZGH⁺07].

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

Exponent [LCL15].
Failures [ASSA96, AD14, CLY14, FN99, Lip79, WLL17]. Fair [FHHLO9, JL04, SA05, BV15, HH17, LLL06, ZM04]. fair-share [HH17]. fairness [TT10]. faking [Gla94g]. familiar [WLL17]. Families [Gom95, SD94, CBAV16, CFAP17, DSB05, KTF16]. Family [Zvi93, AP09, CGP05, Del08, Lut00, MNSA16, PJNB11, dAGSdFS15, SSS17, TFS10, WDC10]. Fan [RT86]. Fan-Out [RT86]. far [DDMP14, Mea09]. Fast [AAH10, BS86, Kor99a, PSM12, TT10, ZR94, vD03, AAH12b, CL13, JHYK10, CAS18, LKH09, SMCL96, Tse07, WHMP99, WDC10]. Faster [LHSK06]. FasTLInC [GM02]. Fault [Ban86, BCS18, BW95, CL94, CG94, DG92, Fri90, FAI94, HOT97, KN97, KP93, LH83, LY09, MAM15, Mor86, Mue86, OK94, PdC94, Ram90, SdSGdMSN13, TBD08, TFLW99, UIK17, WQJZ10, WDC10]. Fault-aware [BCS18]. fault-prediction [dCPV10]. fault-prone [MA17, ZXL10]. fault-proneness [FP18, Gon08, MR00b]. Fault-Tolerance [Ban86, KP93, ZXL10, GH02, Lea08]. Fault-Tolerant [BW95, CG94, DG92, MS90, Mor86, OK94, PdC94, Ram90, WTS95, WFZ96, CC01, LY09, YSDT11, ZG97, AT09, CJZ04, CT00, GPSS13, HTK00, JM96, LKH09, Lin07, LH06, LGL10, LFY99, LCH04, Lin07, LM96, LYX09, LLH16, SMCL96, Tse07, WDC10].
Formalisms [KEK04]. Formally [BG96, HYS04, Phi04, PPS12, Rec93].

format [SW99, CDS10].

formative [LLHY19, OCC12].

formats [CF07, CSKB89, JH10, ZT14].

Formulating [Fis91, L'E87].

former [SNDC13].

formidable [Rei00].

forming [LS17a].

Forms [GK91b, SKS96].

formulae [vEHvV89].

formulas [SGK12].

formulation [CJP98, GP05].

FORTRAN [AC97, Rey80].

FORTUNA [GKD13].

forward [Tse07, WLL17].

Foundation [NS87, GPHS07, PDC01].

Foundational [ANB93].

foundations [Mat96, VPMVM+13].

Four [Blu86, VBC14].

Fourier [GJ13, yWpWyYpN13].

Fourth [Joy94, RA96, DHKV06].

Fourth-Generation [Joy94].

FP [BK92].

FP-S [BK92, FP2].

FPA [FP18, KRHZ05].

FPA-FL [FP18].

FPGA [EHKH04, MM14].

FPZL [dOCS13].

fragile [CCLL11].

fractals [KM11, WCH03].

fractals [MIUM12].

fragments [SGC+17, Zhm04d].

Frame [HKF92, SGJ93, GLJ00, LWL13].

Frame-Based [HKF92, SGJ93, LWL+13].

frames [LCC+13, CKL12].

Framework [ANB93, BFR96, Bhi90, BC94, BF90, EL94, HR96, ILZ14, JS11, Lak97, MWH97, MV93, Mos84b, MP90, NG91, NC96, PM90b, Pre95, Rah92, SW93, Sam93, AV12, AM13, ATHM17, AZW07, AK16, AAM+17, AS00, BKL18, BG09, BM89, BS+18, BSB12, CDEV08, CNM18, ÇT13, CJP98, CPX16, CBC14, hCSW+04, CL04b, CBC+15, DBL+18, DH09, DSSL09, DS16a, DB95, DBZ16, DB06, DM17b, ETYL15, FBB15, Fd0dL04, FTC16, FCC+10, FMRM15, FLA+01, FL09, GKD13, GN15, GPP+17, GPMI13, GSN+15, GDLB16, Gru07, GJP96, GMNC13, GZKL13, HALS08, HGP+12, HLMB07, HZH+16, HCWN05, HSL14, HZ07, ILZ13, JCC05, KC16, KH14, KSAR18, KPS08, KT12, LCLP16, LBS+07, LSE12, LHH10, LDZL15, LC11, LNW+11, Lop03, LLC17, LZR16, MEB+10, Mos84a, MIKG13, MAAC17, NK15, NWZ05a, NBR+14].

framework [OAdLC07, OAC11, OCC12, PPG+13, PWY+16, DNM05, PsdO+13, PPMM12, PA99, PGRQV12, QHS08, RGV+17, RMC05, RAS14, RLL+18, RGH17, SC99, SJR+11, SRGL08, SCS+10, SC88, SA16, SSP+15, SBDB19, SKO2, SL07, SWES16, Tan04, TKJL13, TPGdS13, TTL+13, TC16b, TSPH06, VM12, VPD13, VF+16, VvSeV16, WHB01, YLA+17, YAKK16, ZC08, ZLC+14, Zha09, dRSBA13, fLSN18, rBHM17, vHAH12, CV14, CH05].

framework-intensive [RAS14].

Frameworks [CGP+09, CdL18, FCL+00, GAK13, MDP+11, OL15, PIR10, ROFGRM13, SKL10, SPCT18, TJT+18, TKJ15, RCL14].

Frank [LZ07].

fraud [Gla95h].

Fred [Ano87d].

Free [HP90, HP92, Shi12, Aba06, BLS18, CW09, DFCPSF15, GW10, HL10, IT03, Kan15, LL00, Rad04, RBW18, SA08, WCH03, WDC12, Xia13, YAY13].

free-list [Ab06].

free-spirited [HL10].

free/open [SSA08].

FreeBSD [YSC+06].

FreeRTOS [GPPT16].

French [FM90b].

frequency [BPM06, CS12, HFE10, HH05].

frequency-hopping [BPM06].

frequent [DS12, KKR16, KV+k+17, LLT+09, LJJ+12, LW13b, MSB18, NDS13, Sal17, SPDT06, ZJL10].

friendly [MCV15, PNJB11, WOLS12].

friends [CN00, EBC10, RNC14].

front [PSS11].

frontiers [WMC17, FRSM, FRSM].

frustrated [Gla00a].

FSA [LMS12].

FTAM [LL99].

FTM [AHH+10].

Full [CAMNA+09, Gla88b, RUV92, Got93, JCC+14, LKH+08].

full-round [LKH+08].

Fully [ZZ12, KSAOK04, ZML17].

fun [GCMB17].
Function [AR94, BK92, Do197, EAH+11, ES97, FWD97, OR00, Rei90a, TC93, CSW13, HOR01, HBT16, LC10, SHW09, WWTH08, WWSZ15, WWB09, ZLCY06, AHGS05, LWSH19].

Function-as-a-Service [LWSH19].

function-assigned [WWB09].

Functional [ABB15, BM93a, Dye93, HZ83, How80, KP97a, Moy96, Nel81, SAA93, TT09, AP09, CGMPAP08, De 98, DRCG12, EGM+11, GD12, GEM15, HZŽ06, HPF16, KR16, LF91, LC08, MLB09, Nae01, NDL16, OMBL16, SA14, TTM13, TGE17, XZAR06, YCG+14].

Functional-Decomposition [Moy96].

functionalities [CFFT08, RAJ15].

Functionality [Moy96, PLF05].

Functionally [Amb87].

Functions [FS88, Hsi91a, KA96, KPT09, LWBH16, MRBN17, TC12, MG11].

Fundamental [BDA+02, EL88, Gla95j]. fundamentals [Aml00].

Further [CA89, WHY+12, VVS99].

Fusion [SW95b, HF08, TXLC12, YCF+13].

Future [Aano87, CG15, BMA+13, BGEIP17, CJT+16, Chr16, DFG+13, Fug12, MKNS06, PMR16, PCK05, TDL+02, WTG+15, Wen03].

fuzzing [ZLL+12]. Fuzzy [Zhu94a, ACCS+08, BSKL10, BMIL14, EL07, KRHD12, LLWL19, LMYGMT08, MMD13, SFMB16, SMM14, ANC11, CPW09, MG11].

fuzzy-based [SFMB16].

G [PdF97]. G-Nets [PdF97].

GA [MMSD13, MA17].

GA-fuzzy [MMSD13].

Galois [JE02a].

Game [MTW97, BNvdH05, LWW+16, XJZ+15, vWSB13].

gameplay [Dan17].

Gammification [AM18, GPP+17].

gamma [CC01, CLC03].

Gandalf [AM85, ES85, Not85a, Not85b].

gangs [PK10a].

Gap [CFSS98, CKL12, GMS07, PFG13, SBDB19, TR18].

gaps [CJKC09, JKWL09, O’BO8].

Garbage [Yu90, KCS01, KKLB11, LSaC01, SK07].

GASR [FDN+16].

Gateway [Bar86, WZM12a, WZM12b].

Gateway-oriented [WZM12a, WZM12b].

gateways [HMP99].

gathering [CLCY04, CFA+19, MC10].

Gaussian [ZL17].

gaze [KWS+17].

General [BFC92, Sei89, Woh16, Yua90, AAM+17, BJ03, CCW02b, HKN+07, KL10, LNW+11, SNN19, WSM15, WS12, YC11].

General-Purpose [Yua90].

generalization [Raj94].

Generalized [Bhi90, BHS3, CCGG14, CT07, KP97b, SM06b, YDGB+12, vD93, WHL89].

Generalizing [SED16].

generate [MM19, SG+17].

generate-and-validate [MM19].

generated [LW13a, SCL13].

Generating [BDM+93, DV10, KTT+17, LWN03, OL99, PS90, YZZ14, CL18, Cic16, JMM99, UIK17].

Generation [APL95, AM85, Be91, BCFG86, FAI94, GKV14, Joy94, RA96, AZ11, AG15, ÆGBYB+14, ABC+13, CLS+12, CLSC98, CS04, EVR11, EGM+11, FWA09, FAM15, FAI97, Gla97i, GZY11, GTY12, GH04, GEM15, HY11, HBT16, HZH+16, HWC+10, JR09, JF99, KL10, KL11, KD18, LU06, LC07, LC08, MSHG18, PS13, PAOC15, Phi05, Phi06, PW18, PQLN04, SA08, SZPMK04, TAF+17, THP+06, VRPT18, VPMVM+13, VA08, WBB+06, YLC06, ZAO08, ZBLG07, ZL06, dIERT06, RR09].

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

Generators [AF96].

Generic [MM93a, BMJ11, CHY+05, DK15b, GRU07, KD18, XPBC11].

generics [RFZ08].

Genetic [JK13, OW04, PS05, AR18, AG15, BRMA+09, DXPY03, EEAZ13, GBL08, GWW+11, JJP2, KSN17, KLB15, LHJ10, PS13, RCCC11, Yoo09].

Genetic-algorithm-based [OW04].

genomes [HLWC04].

GenProg [MM19].

generically [DBCdP11, KPSK09].

geographically [CdR+14].

geolocation [PWY+16].

geometric [CJT01].
geometrical [TLL13]. gesture [SHBC19].
gesture-based [SHBC19]. gestures
[GCSAddP11]. gets [Gla98f]. GeX
[MMP15]. Gibbs [BT05]. GitHub
[BV18, JR15, TLA18]. Given [Len92]. gives
[Jør16]. Glass [Gla88b]. GLBM [ZAD10].
global
[APCS10, BHH+10, BBS10, CL18, CCSC07, GBC16, Jør14, KK11, KR14, LH11a, LCS16, LR99, SC09, ZGL+10, dOCS13].
globally [KM14, TR18]. Glotos [Son93].
GM [SOC+03]. GM-WTA [SOC+03].
GMPLS [WGY+08]. go [FF96, Mea09].
Goal
[KKP06, LMR12, PZ15, BCCV06, CCCT06, CPYZ14, CHL+13, GPMI13, Gla96i, MTF14, PNJGF12, PL99, SCS15, ZWM+18].
goal-based [GPMI13]. Goal-driven
[PZ15, CPYZ14]. goal-oriented
[CCCT06, CHL+13, MTF14, PNJGF12, PL99, SCS15, ZWM+18]. Goals
[P895, CFAP17, CCHW09, GBH+16, KGG18, MPS+12, OW04]. GoF [ACS13].
Going [DC17]. gold [Gla93f].
Gompertz [OOD09]. Good [Gla97f, Gla02, BB89, CHL+13, Gla96i, MM01b]. Good-bye
[Gla93f, Gla00f]. Gorbachev
[An90a, Gla90c]. GOTO [JGF90].
governance [VvSvV16, Wau19].
GPU [BAI+14, HCB+16, MBB11, PS14].
GPU-SAM [HCB+16]. GQM
[GPMI13, KVGS11, MB97]. GQM-based
[KVGS11]. GQM-DSFMS [GPMI13].
grades [TYH04]. gradient [YCLY13].
grain [FSG11, FAB+07].
grained [PPB19, ZPE10, ZML17].
gram [SPSR17].
Grammar [Ara95, HWC+10].
grammar-based [HWC+10]. Grammars
[HP90, PACH15]. grammatical
[RMC+14]. Granular [KK07b, PS05].
granularity [INS00, Jun00]. granules
[IBM11]. Graph
[Ara95, Chr86, Fra86, HOT97, PBC93, QGZ+15, WWLG13, ÁGBYB+14, BKLE18, CLX+04, CLX+17, HRW17, KZDX09, LL00, LQW12, MMP15, PM09, PX+13, PRN17, RSCB18, SM06b, YLYL17, CJ13].
Graph-Based [PBC93, WWLG13, SM06b].
graph-modeled [MMP15]. graph-oriented
[CLX+04]. Graphical
[Arm98, DK97, HG91, LG97, Sny91, CT12, LK16, MD89, OFR+12]. graphically
[CT12]. Graphically
[Wal05]. Graphics
[MC91, ZS88]. Graphs
[Del92, HUMT92, AR12, BP13, BNS12, HL94b, QK08, SK10].
GRASPIN
[Chr91, GHC91, GSC91, IKCN91, Krä91a].
gray [Che13, HH06, JBSL12, UUN13].
gray-level [Che13, HH06]. greatness
[Gla95a]. GreatSPN
[Lai97c]. greedy
[KS11]. Green
[LZL+15]. Grid
[LJP09, Zhu04b, ALRP16, CL04b, DHC+11, JLQ+10, LK09, LT11, SRS15, Sko14, WS12, YWEL+13, ZCZZ11, Zhu06, ZG07, ZK09, GQ12, KK11, LC06b, NKJT09, PM10, SZZ06, SLLL12, XPBC11, ZL06].
grid-based [LT11, WS12]. grid-density
[ZCZZ11]. grids
[CT11b, CLH+13, GLW13, HSC15, TDCAF16, FMP09].
Grigoris
[LZ07]. Grindstone4Spam
[MRJ+12].
Gross
[LM96]. ground [KA17].
Grounded
[GN15, WLD16, AKH12, CO08, JG14, JMML17, SSD16].
Grounding
[OHS01]. groundwater [LHP+09, LHP+10].
Group
[ARAS94, CCSC01, GTF17, HR95, Sch81, SZA13, AS01, BPS18, CJT04, CNLV07, HYC04, HDLK00, Jia99, KPG+07, LL06, LLY07, LCC10, NLK05, RDD02, Sha05, WFO7, WHHT08, XY02, YSDTI1, YZ05, ZCS17]. group-based
[BP18].
group-by [LCC10].
group-oriented
[LL06, WHHT08]. grouped
[SD16a].
Grouping
[GTY12, GZY11, WHY06].
groups [HBM05]. groupware
[BKZ+06, BDG13, MGR+13, PLGT10].
Growing [HHKWB16, EZG15, KHMA12].

Growth [DLG96, Tnh92, Hua05b, KLB15, LHC τ+05, RSB τ+14, ZLCY06]. GSM [FIIGC0+02]. GSR [CCS07, RFM10].

GTCharge [LWL τ+16], guaranteed [LWL τ+13, LGHR16, LLK11]. guaranteeing [FCC τ+10], guarantees [AMP12, LGZ τ+18].

guessing [SCH05]. Guest [Bae06, BJM02, BDV17, CCM12, CSSW03, CHS τ+07, LW τ+02, RV01, SY16a, Ano93g, Ano94f, Ano94g, Ano95h, Ber94, BS96, Bo97a, CdS18, CDW07, CU98, Got93, Har90b, Har93, Har94, Har95b, Ho94, HY94, yL98, DG08, MW08, OPS11, OP92, Pla95, Rad84, RId81, Sai98, SW95a, Wey01, Wnc01, ZS95, ZWM96].

GUI [BRB14, HCC10a, YCG τ+14]. Guidance [HHB τ+99]. guide [PGO8, PPG τ+10, dS12, dBV08].

Guidebook [NB93]. Guidelines [CTA94, Joy87, MSH92, CPDM16, Ph98, SN07].

guiding [LK13]. Guilt [TKCR14].

Guilt-based [TKCR14]. Gulezian [BT97]. Guo [LLLZ06a, LLLL06b].

GSTM [LLZ06]. GTE [LLZ06]. GTE-Charging [LLZ06].


Hadoop-based [LZCL19]. Half [RB93a]. half-tone [CPP05].

Hamming [CCLL11, ZGZ τ+13]. handheld [CTL12, PSS τ+09].

Handling [BBA10, BT97, CF12, FS14a, Gu96, J0Z03, LH01a, UH86, WQZ01, CCH09, CPY14, ECS15, GRRX01, IYS13, KFLS18, LNW τ+11, MPST06, OBS τ+18, TKCR14].

handoff [HLY06, PZB10].

Handover [AAH10, AAH12b, CL13, ZEK14a]. hands [FI1B05].

hands-on [FI1B05]. handshake [WZ11]. HANet [JCC05].

HaoLap [SGW τ+15]. happened [Gla96k, Gla97k].

happens [GFWA18]. happy [GFWA18]. Hard [Ham81, KCS01, K99b, LSE12, LW τ+13, PC04, SY02, WMW12, WZG14b, ZLZ τ+96].

Hard-To-Use [Ham81]. hardening [AMK13]. Hardware [GH83, MS84b, WFW94, CC τ+04, EHH04, GKD13, GL00i, KPT09, MS84a, Nv92, Oi08, Ozk97, SP08, TCSC04, XYS07].

hardware-based [GKD13].

hardware-translation [O108].

hardware/software [CC τ+04, XYS07].

Harmelen [LZ07]. harmful [S05].

harmonization [PPG τ+13]. harmony [ZGL τ+10].

HARTE [ZL τ+96].

hash [PPB16, TMB02]. hash-based [PPB16].

Hashing [TC93, TL95]. Haskell [LSN τ+19]. haves [HKvV07]. Having [KL95].

hazard [KHC16]. HB [NJ17]. HCI [CdC10, JST10].

HDD [CH10d].

HDFS [DZT τ+14, LLGZ13]. HLDC [Cll86].

Hdm [MD81]. HDWT [CC τ+09].

HDWT-based [CC τ+09]. head [GAK92].

head-of-the-line [GAK92]. header [CAM99].

header-population [CAM99].

header-handover [CAM99].

header-handover [CAM99].

head [TTC15].

Health [HWD τ+15, LHZS11]. healthcare [PNN τ+15, VPL τ+10].

Heap [BK93].

Heighten [MBL τ+99]. Help [BB81, Aki18, ABL16, Ano87f, Gla95g, LK16, RN14, vHAT13].

helpful [S05].

HEP [Hay86]. here [FF96].

Hermode [OHBR90].

heterogeneity [CDG10].

Heterogeneous [BL95, GHK04, KZ91, KL02, PD98, AR18, AZY10, BLM10, CLY17, CTHW12, DB1 τ+18, DK15a, FBM09, G1P τ+15, JZL07, JU02, K091, MMZ τ+16, MK15b, NEM17, NTR11, OZ0 τ+14, PK10a, PWW06, RR98, SKK10, TW98, TBC τ+16, WH15, Zha12a, ZL13, ZCC τ+17, ZGSH13].

Heuristic [AAM00, Bow84, PC02, ZR87, dNPM18, DSR03, DSA τ+04, KS16, MHW01, SM05, TVMS18, TPG13].

Heuristic-based [dNPM18, TPG13].
Heuristics [Fer93, Gla91c, CZdV98, DHC+11, FSGL12, FLA+01, WDC10].

HIBOL [WM90]. HIBOL-2 [WM90].

hidden [LZL+18]. hidden-code [LZL+18].

Hide [VPMB93]. Hiding

[Hen88, RWJK01, AQK11, CCY+09, CL06a, CL06b, CNL13, FF12, HCS09, HC10, HWL13b, HTH13, LCT10, LC10, LCLF13, LBC10, Lin12b, LCC+13, LML13, LWL09, LTW16, OLZN13, PMDH13, PW12, QZ12, RC94, TW07, UUN11, WCLL09, WCCL10, WH13, WYCC13, WCC+14, WLT+09, YWTTW11, YWHL11, YCLY13].

Hierarchical

[ABB19, Bla87, Cha91, Hać93, LF96, Pow86, WWC00, vDSJK+07, BS09, BLLGSMB11, CZdV98, GBC16, JWO6, KKG+12, KBH07, LLKL04, LHC10, LKL0, SLC13, LSH13, WYCC13, WCC+14, WLT+09, YWTTW11, YWHL11, YCLY13].

Hierarchies

[MM81, BS09, HY03, Lee07, WL05].

Hierarchy

[FWP93, Lee93, LZK12, LY01, TL89].

High

[AQK11, AA98, Amm91, BW83, BH83, BM93b, CS12, GH83, KL95, KP97b, KP91, Lin12b, MM92, PU84a, PU84b, QL03, She09, AD13, AHL16, AK+15, BML+13, BGG09, CS19, CD07, CT10, DBO6, EBCGR01, ELK06, FF12, FTC16, FMSG08, GJK88, GPK98, HCS09, HTH13, KTO0, KT03, LP93, LCC+13, LO04, NV92, NSL00, NJ17, PLCC09, PN14, PC15, PHI06, RLY+13, RQD+17, SMG08, SPMG18, SH17, SP08, SVMAM04, SS13, TBC+16, TCM98, TC12, WWTH08, WLH13, WYCC13, WCC+14, WLT+09, WKH11, XZP+10, ZHH+17, ZCZ11, ÇT13, HA03, NK14].

high-bandwidth [NJ17].

High-dimensional [LO04]. high-integrity

[SP08, TCMJ08]. High-Level

[BW83, BH83, GH83, KP97b, KP91, MMSS92, PU84a, She90, PU84b, CD07, FMSG08, GJK88, GPK98, LP93, NV92, PN14, PC15, PHI06, SMG08, TC12].

High-Performance

[B93b, AA98, CT00, FTC16, RLY+13, SH17, SVMAM04, WYCC13, NK14].

high-quality [BG90]. high-speed

[HLO6, NSL0, XZP+10]. higher

[LHJ10, nQYD11, RVM99]. higher-order

[nQYD11]. Highly

[LS97, BNS12, CSS10, LQ+10, PSS+16, PDBD18, RS06, WDS09].

highly-accurate [BNS12]. Hindering

[BTPL15]. HiP

[MBPM19]. HiP-HOPS

[MBPM19]. HIPAA

[HL11]. HIPaG

[JLYK09]. Histogram

[WLC13, CSS+13, HWL08, HC10, HTH13, LIN14, LTW16].

Histogram-shifting

[HC10].

Hierarchical

[ABB19, Bla87, Cha91, Hać93, LF96, Pow86, WWC00, vDSJK+07, BS09, BLLGSMB11, CZdV98, GBC16, JWO6, KKG+12, KBH07, LLKL04, LHC10, LKL0, SLC13, LSH13, WYCC13, WCC+14, WLT+09, YWTTW11, YWHL11, YCLY13].

Hierarchies

[MM81, BS09, HY03, Lee07, WL05].

Hierarchy

[FWP93, Lee93, LZK12, LY01, TL89].

High

[AQK11, AA98, Amm91, BW83, BH83, BM93b, CS12, GH83, KL95, KP97b, KP91, Lin12b, MM92, PU84a, PU84b, QL03, She09, AD13, AHL16, AK+15, BML+13, BGG09, CS19, CD07, CT10, DBO6, EBCGR01, ELK06, FF12, FTC16, FMSG08, GJK88, GPK98, HCS09, HTH13, KTO0, KT03, LP93, LCC+13, LO04, NV92, NSL00, NJ17, PLCC09, PN14, PC15, PHI06, RLY+13, RQD+17, SMG08, SPMG18, SH17, SP08, SVMAM04, SS13, TBC+16, TCM98, TC12, WWTH08, WLH13, WYCC13, WCC+14, WLT+09, WKH11, XZP+10, ZHH+17, ZCZ11, ÇT13, HA03, NK14].

High-Level

[FWP93, Lee93, LZK12, LY01, TL89].

High-Performance

[B93b, AA98, CT00, FTC16, RLY+13, SH17, SVMAM04, WYCC13, NK14].
[BCW05]. HTML [RDD02]. Huang [ZC05]. Huffman [LHY12, YWHL11]. Huffman-code [YWHL11]. Human [FJ92, Har98, Jef91, LL85, Wohl16, CFRPC+18, HH08a, KK06, LWY+10, MV09, WSM15, YCG+14]. human-centred [KK06]. human-related [HH08a]. Hurst [LCL15]. HVMs [CBZ+16]. Huang [WL05]. Hybrid [D01b, Fra90, G91b, Gor91, GW95, KAM13, KR16, LWC+18, LS05b, PN14, WZ96, BDGR01, BDLP15, BT17, CD+16, CNL13, CD05, CJD03, DBCdP11, EEAZ13, HC06, JS11, JZ+14, KH06, KHF13, LMT16, LG17, LZCL19, LT11, LQW+12, MLHL12, MR01, MR00b, QOLJG16, SBJ+17, SLW+15, TM06, YHX+18, YWW07, YH10]. hybridization [MMSD13]. HyMIS [MK08]. hype [Gla96b]. Hyper [FJ92, Har98, Jef91, LL85, Wohl16, HH08a, KK06, LLCL08, LW13a, MA+16, MN+17, NDS+14, PHN08, SNM14, mSgEtL05, jT12, TTL10, TLL13, UN11, UN13, WCC10, yWPwYpN13, WGZ+12, WLC07, WKH11, WOLS12, WS13, XZ+16, YCYW07, YC11, YC16, YC08a, YL09, ZLW+12, ZL12b, Zhu04d]. Hyper-heuristic [KK06]. Hypercube [Fri90, KP93]. hypercubes [KM04]. hypermedia [SL01]. hypermesh [LYX09]. hypervisor [PWY+16]. hypervisor-based [PWY+16]. Hypocrates [BDDG04]. I&C [KSS03]. i* [MNSA15]. I-Cache [CWK+13]. I-star [MFT14]. I/O [FTC16, LP05, MD91, SMZC12, SC19]. I/O-intensive [LP05]. IaaS [DV+16, DR12]. IBIS [KSW93]. IBM [XPBC11]. IBUProFEN [CFR19]. IC [JT97]. icon [YC08a, YL09]. ICPS [LP07]. ID [CZL07, HH08b, HCC10b, IB11, Sh10, SV12, RF84]. ID-based [CZL07, HH08b, HCC10b, IB11, Sh10, SV12]. IDE [CT13, GMR17]. IDE-based [GMR17]. idea [Gla95e]. ideal [BMLL14]. Identification [FSGY17, FTSC12, Joy87, Sal17, TC10, TC11, BM98, CKS15, DS04, HZ15, HH06, HLC99, KM14, PG12, RO13a, SPSM03, TLGE18, CPX16]. identifier [AACT13, CDP05]. identifiers [CAHV15]. identify [HJ14, LLWL19, TTC15]. Identifying [BDO11, BCB09, CDDF99, FBB+12, KK09, MKK09, She02, WLZ+17b, WRR14, ZQZ+06, SL08, TNA01, XCM+12]. Identity [HYWS11, WC07, CC09a, KBD09, RG10, Sha09, SA16, WYWZ11, YYS+16, YKC+12, ZZ12]. Identity-based [HYWS11, KBD09, RG10, Sha09, SA16, YKC+12, ZZ12]. IDF [LCL15]. If [OT92]. IFIP [KTH16, LH12]. IFML [BCF18]. IFPUG [CMPA08]. ignorance [Ber95, Ber02]. II [Gla96f, Dol97]. IKAROS [FTC16]. Illustrating [ST01]. illustration [AB10]. Image [BASS13, CC04, Che13, KPS10, PWH01, CC02b, HC01, CPL13, CT11a, CJ13, CW14, E11, HRB12, HH06, HHH10b, KR12, KM11, KO9, KLC02, KCB05, K08, KAS18, LWS+03, LK01, LL+09, LLCL08, LXJ11, LM00, LT04, LW13a, LYL09, NES+14, PH08, SNM14, mSgFl05, jT12, TTL10, TLL13, UN11, UN13, WCC10, yWPwYpN13, WGZ+12, WLC07, WKKH11, WOLS12, WS13, XZ+16, YCYZ07, YC11, YC16, YC08a, YL09, ZLW+12, ZT14, ZL12b, Zhu04d]. imagery [LJ96]. images [AQK11, AMK12, CL06a, CCP05, CCW13, Che13, FWT05, HCS09, HSL14, HWL13b, HHC12, HTH13, KSR01, LC02, LW13a, MM14, MKH+12, TCC02, TW07, UU13, WCH03, WHL13, WCC+14, WC02, YWTW01, Zhu04d]. imbalanced [LCC17]. Imbedded [MR86]. imitated [WLC13b]. immense [GP98]. Impact [CS85, Hur93, JAS19, VM07, Al12, Ano13a, BHH+10, BBS10, BOS06, CS15, CS16, CCP18, CH09, CC09b, CBS00, CREH+18,
CFA+19, DGP02, DNSH13, HGBS18, HFE10, HWLM11, IYS13, JMS07, KA18, LR99, LJS05, MS16, MT13, PB11, PSZ17, RvDV17, RRD06, RSS00, SLL14, SL+15, Tan00, TNJH07, TMD07, Wan19, YS02, dL13]. impacted [AMdLM17]. Impacts [Sta93a, WKbOS17, CG05, Ebe07, Li11, NBF16, SPC16]. Impala [MCL+17]. Imperfect [Shy03, WWSZ15]. Imperfect-debugging [Shy03]. Implement [FCRF16, HdM17]. Implementation [AHG93, BW96, Bel93, BKS85, Eng81, Har81, HN17, HCC05, JE02b, Ker92, KP91, MMSH92, RT93, SL96, WLC95, Zho93, ALT+09, BBA10, BBC+08, BAI+14, CLX+04, CsdSSG+18, CPW98, CH07a, CLG08, CNSG12, DS16a, DJG+03, GJ88, HJP15, HYJL04, KRP02, KY09, KSH09, KLMC06, Lai95, LWS+03, LLK05, LKW+09, LK02, LL99, LLGZ13, MM14, NES+14, NWZ05a, NWZ05b, NGM08, PJB11, PPS12, PLF05, SC00, SDB16, SJK07, TVK95, WZJ01, WSJK08, WOH08, YY04, YYL+06, ZADA15, Zha09]. implementation-friendly [PJN11]. Implementations [Car96, YFY96, JCJ99, LL07, dB12]. Implemented [BW93, ZCd96, LCH+04]. Implementing [AAN11, Blu86, CMK+11, CMS04, FSA87, LS97, MA94, Poo93, CGP+09, FHL+18, PN14, RH02, RAJ15, SA16]. implements [JFC08]. Implications [FJ92, APACS10, CFL+18, MVLJ18, Han12]. implicit [OBW11]. Importance [Gla92e, Gla92f, Ano92f, Ano92g, Ber95, Ber02, LMPM18, OK18, RGBM06]. important [MKK09]. Impossible [TSLL11, LGLL12, SDM10]. Imprecise [C91, PZ94, ANH07, SK10]. impressions [BCG+14]. improper [LL07]. Improve [DB86, FC96, BLLGSMB11, BGLG13, HS99, JDLS16, Lea08, MTF14, MK00, SM17b, SCL08, SKW06, TPRW04, VPdP13, YWH11, YM13, ZYZ+17]. Improved [GMR08, HL83, KRH+05, LL06, LKP13, LGLL12, QZ14, ZL12a, Bak88, BLUH15, DRCG12, GLW13, HWL13b, IZ18, KSN17, LL07, LCC+13, LWL09, PS13, PWLL13, SDM10]. Improvement [BH02, Bol97b, CBK96, CWK+13, CP97, DLS94, HBCC94, SCL07, Sha09, TTP07, AAGT16, BH03, BD16, BHB+05, CSW13, Chr99, Ebe99, GMMGP15, Gla88c, GC13, GLJ13, HRS95, KSAR18, LPJP09, LMR12, LKB06, MT07, MB97, MM01a, MM00a, NWZ05a, NWZ05b, PK02a, PW10, PIG008, PPG+10, QHS08, RH02, SC99, Tia99, VLC+17, VVS99, WHB01, XSS06, MMB10]. Improvements [YCYW07, Hua05a, SJK07]. Improving [CFAP17, CSW10, CJ13, CHL04, FRR09, FCB+16, GMS11, KAO13, KA14, LGC17, LZK12, LZR16, Mil00b, Mil96b, OKS+15, PB15, PXT+13, Pon05, Pu90, SOS+18, SLS08, SK03, SMU98, SK01, SB12, TBSvdW18, XSL+18, DY15, HJBH10, HLMB07, JMP07, KCT12, KM14, LMNA17, MKNS06, Pi099, RS+14, RR09, VJB06, VSDD12, Wey99]. imputation [HKS+17, SA06, SSO7, SCL08, TC16a, VK08, ZZJ11, Zha12b]. in-depth [KM17]. in-home [vdSJ07]. In-house [BWP16, Ifi11]. in-network [BML+08, JLYK09]. in-vehicle [BKLE18]. Inaccurate [LP95]. Incentive [FK01]. Incentives [Pou95, LLW12, dVRB13]. inception [CBSM16]. incidents [ABL16]. Include [MvS95]. including [Ami00]. incomplete [XP07, ZZJ11]. inconsistencies [EA14, EUR+13, SK02]. Inconsistency [GJ07, NER01]. Incorporating [CCdL+16, Hua05a, XHW99, YLXZ16, FP18]. Incorrect [JDLs16]. Increasing [BFLP09, GKS18, PKS18, YN91]. Incremental
incrementally [YF15]. independence [Mil02]. Independent

Index [DG88, Ano80a, Ano80d, Ano81a, Ano81d, Ano84a, Ano84d, Ano85a, Ano85c, Ano86a, Ano86e, Ano87a, Ano87g, Ano88a, Ano88e, Ano89a, Ano89b, Ano89g, Ano90a, Ano90e, Ano91a, Ano91d, Ano92a, Ano92j, Ano93a, Ano93h, Ano94a, Ano94b, Ano95a, Ano95i, Ano96a, Ano96n, Ano97a, Ano97l, BH09, CL06b, CK00b, HLL01a, HL06b, JRSN10, Lin12a, LWL09, PSK05, SC08, SLLL12]. index-domain [CL06b]. indexes [HWML04, YWHL11]. indexing [BF96, DF98, LK01, RVM06, SC07, TBC16, YC08a, ZXTT11, ZHH17, FSS13]. Indian [IS03a]. indicator [CCH09]. indicator-elimination [CCH09]. indicators [YCdC13]. Indices [Rv91, Rv92]. indirect [AAM16, GMGTdFR14]. individual [RSS00, WH99]. indoor [DC11]. inducing [BCD18]. induction [BBBP13].

Industrial [AF06, Arm98, BFG97, BKM10, BHR89, CB98b, CL095, OW84, SD80, Wey01, Woo12, ADZ+09, AAGT16, AZW07, ASS07, APW14, ABJ+17, AHC+11, CCdL+16, Fra07, FS01, HF08, HDGZ06, HKV11, HK+07, KBJZ15, Kim07a, Kim07b, KGT02, KSM+16, LW02, LWSH19, DPS03, MSSMDC12, PCFRE19, PW09, PKB09, Scyw12, SCL13, SCCC16, SM16, Sta14, SAN+17, THGL07, TL09a, VH02, VHFF+17, WR09, WB15, YLA+17, dSdMSNO+14, dOSdAdSG17, ELHC13]. Industrialization [Stu3]. industrially [Lai99]. Industry [Bis13, DB86, G91a, MBL+99, CCG+07, CBT+14, CSNS05, EB14a, EbAT13, ETM10, EBB09, FF89, GK18, HTB12, IS03a, JZ05, LdSBA+08, MBL18, MTA+16, MFTP18, Sny79, SB14, Tha80, TTR+13, Wes02, WRR14]. Industry/university [MBL+99, CSNS05]. Inefficiency [BAH96]. inexact [Zh03]. Inexpensive [MP86]. infeasible [KSS15].

Inference [CL94, Sta85, LS92, RSB+16, TSRC18, VH89]. infinite [ASdMG14]. inflow [RSB+16]. Influence [Sny79, ARH+17, BRS+18, BT05, CO12, EED16, Fai07, HSM16, KLMZ08, SJ17, SS15, TW08a, Vau07]. influences [It11, Sai07]. Influencing [SYB97, KNA11]. influential [HFC+01, MB97]. INFORM [vEHvV89]. Informal [BYY87, LF98, NBA+17, Wyn01]. Information [AAH10, ARAS94, Bla86, BY85, CMM15, CF898, DR92, DLG96, DF99, FSA87, Gl89a, Han85, Hen95, Hen88, HUMT92, KAL97, KJ04, KJB97, ML03, MR83, PCG+14, PL96, RF84, SG93, Tan92, TKS95, Tre81, WS92, WNSC96, ZC97, Zho94, vS96, ABF12, Bar94, BPO+16, BDBLP15, BWM06, CLCY04, CL06b, CPL13, CK00a, CS10, Cho04b, Cho05, CC05, CLW05, CC06, CH10b, CBK02, DJH05, Fra04, Gl89h, HLAB99, HBJ+99, HL02, HFRHS09, JAS19, K89, Ken80, Kim07a, KJ01, KHW19, KJLK07, LS17a, LK01, LK16, LW02, LK02, LZL+06, L899, LJ99, LWC06, LWT16, MCC02, MCC11, MKH+12, MMTL06, MD89, NDM80, ÖKT09, ONZ09, PMDH13, PWLH06, PB00, PN07, nQYD11, RNC14, RC94, ST13, SSvdW99, SKKL07, SHGT16, SYXL17, VM12, WCLL09, WCCL10, Wnt03, WRS+17, WB15, XHH99, YAY13, YAT11]. information [ZLZ11, ZJZ11, ZMK12, BDGP13]. information-hiding [RC94]. information-systems [Kam89]. informations [AAH12b]. infrastructure [AO16, CX10, CMM15, CL04a, DBL+18, LLV+09, TG17, WC11]. infrastructures [DST+04, GQ12, SGEK19]. INGRES [HMC98]. Inheritance [AHGS02, AGH93].
[Amb87, BAL81, DK94, DK97, FSGW11, Fis91, MC91, Mer87, YNDS88, ZENA93, AM10b, Bra89, CFFT08, DL99, Hoo14, HYC02, HKW00, ILZ14, JF04, MFTP18, MGR+13, QXYL16, SMHMA08, ZS88, vEHvV89]. interception

[FIGCLN+02]. interchange [SMS94, SW99]. Interconnected [BFC92]. Interconnecting [ZEB88]. Interconnection [Arc81, PH93, PDN86, ZSGS93, BMAH11, CGL+04, CC01, CLC03, Kor99a, LYX09, RS00, WMOKY11]. Interconnectivity [KH81, Sel93, RB89]. Interdisciplinary [Har98]. interdisciplinary [FP19]. interest [TZ12]. interesting [ZZ16]. Interface [CB91, GC13, HHSR94, Hur93, JS90, Kun91a, LG97, WLC95, AA07, AYZI10, Bak88, CGL+04, CH07a, Kun91b, MV09, MM93b, MCV15, PL94, TKZW17, TYP+06, HTH09]. Interfaces [GK91b, Aki18, AK15, HYC02, SFJ04]. Interfacing [HSR01]. interference [AdAD17, BPM06]. interleaving [BP15, LCLL08]. interlinked [MK15b]. intermediate [LSE18, Liu95, GAKF13, SeMC02]. International [CBVD07, Rus90, SS17, tLF89, LP07]. Internet [CG15, CJO9, CRL+12, DK01, FGCBC10, HLO0b, HLT09, JSM10, KD05, LW5+03, LCLL04, MOD+19, MHC00, Pal12, PTO8, PC15, RLL+18, SST16, SL02, Sii12, SXYW14, SC09, WGT+15, XZG10]. Internet-based [LWS+03]. Internet-scale [JSM10, SXYW14]. internetworking [VT14]. Interoperability [RCL14, TRO8, CMNA+09, DGP02, MFMCY12, NSDI16, GMGTdFR14]. Interoperable [MBIV14]. interpersonal [WKbOS17]. Interplay [AJLS10, AC17]. interpolation [FWTC05]. Interpretation [JK12, ADET12, ML03, OML16]. interpreted [AMCC14]. Interpreter [BS86]. Interprocedural [XNP07, MM06]. Interprocess [AACL02, IBP03]. Interrelationships [TD80]. interruptions [FGBC10]. Interrupts [Kri93]. interval [LLC+09, LNY+11, LYC14, NG08, YCO8b]. interval-based [NG08, YCO8b]. intervals [JTM04, TSSD09]. intervention [APT+12, VWSV16]. interventions [SSMV16]. interview [AH+11]. interviews [HJO0]. Interweaving [PL96]. interworking [SKKL07]. intra [LCC+13]. Intranet [Tan00]. intraprocedural [ULN06]. introduced [HIKWB16]. Introducing [Kra91a, SKL3, WBBK18, YMM+17, YMM+19, DL06, HCWN05, TC10]. Introduction [Ano84c, Bas80, Bec86, BCDM06, BCG+13, Cha09, DIB14, FKA16, FOR19, Goe84, GBG10, Har88, Har90b, IYKO95, JNY84, KB07, LK02, DGV08, ML18, Mar81, NBM19, OPI11, OP92, PBM19, SS17, TDL+02, WMS12, WMC17, XST18, ZTPT18, dAK18, Ano83, Ano93g, Ano94g, BDV17, CCM12, CDS18, CDW07, CU98, FAI83a, FAI83b, FAI83c, FAI84, FAI85b, Har93, Har94, KY92, MS09a, MS09b, PS16, Rad84, Rld81, 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, SLIL17]. invariance [KAS18, yWPnyL11]. invariant [LXCM11]. invariants [CCGdL10, TLL13, WL16]. inventory [CDS02]. inversion [SYT+17]. inverted [Luk11]. Invertible [UUN13]. investigate [ASGJ13, MB97]. Investigating [BMI0a, CO08, HNH15, JWA14, KOS15, MBF12, MCM05, RRD06, SPMG18]. Investigation [Emd91, Joy87, Loh84, RBM95, WH91a, ACS07, AKS11, ARH+17, ABJ10, BVN07].
BDD$^+$15, CFL$^+$18, CH10c, CN00, DSRS03, DSA$^+$04, GTA14, GTF17, HS99, KLRW01, KWT$^+$00, KBBW05, LMH10, LZO$^+$16, LJS05, Lj99, MNS13, MKL$^+$00, RSS00, dBTdSS08, WDMR99, ZADA15.

Investment [RS98]. Investments [RS98].

Invocation [Kor83]. involving [JSM10]. IOS [LZHS11]. IoT [DS16a, WNC17]. IP [BP15, HHL06, Lin07, OSH$^+$18, SSK98].

IP-based [OSH$^+$18]. IPAC [KVH12]. IPv6 [AAH12b, AAH10, CL13, HLYL06, LY09].

IP-based [OSH$^+$18]. IPAC [KVH12]. IPv6 [AAH12b, AAH10, CL13, HLYL06, LY09].


ISO [DRCG12, EG00, EB00, EJ01, JH01, Lai97a, LL97a, LL99, LCM$^+$04, YLY$^+$06].

ISO-certified [YYL$^+$06]. ISO-FLANN [DRCG12]. ISO/IEC [EB00, EJ01, JH01].

ISOC [TBC$^+$16]. Isolation [Dil91]. Issue [BCEF10, CCCY17, CUY09, CGA08, FM90b, GH08, Har90a, OPS11, SS17, WCTK12, ADMOK$^+$10, Ano84c, BEZ14, Bas80, Bec86, Bor12, BCG$^+$13, CCM12, CdS18, CLR18, CA14, CL11, C98, DIB14, Dut15, FKA16, FOR19, Goe84, GBG10, HLM$^+$09, Har88a, JNY84, JWT17, LH12, LP07, ML18, MACB19, MS17a, NBM19, PBM19, PS16, Pla95, TZX13, YWEL$^+$13, wZG14a].

J [AAH12b, APS$^+$10, BKS14, LKJR10a, LHP$^+$10, WZM12a, XTZX13, YWEL$^+$13, wZG14a].


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

Japan [AM94, Du95]. Java [ASdMGM14, AYZ10, ABFM12, BD17, FGB$^+$19, CY04, CYH04, CD05, DS04, ECS15, ES14, EED16, G08, HdM17, HWM01, HWLM11, IS03b, JC14, MLGA11, MKM$^+$06, NCS10, Oi08, PTF$^+$15, QLBS17, RFZ08, SeMC02, SS14b, TB00, TCSC04, WLL19].

JavaScript [HHKWB16]. JCSI [ABFM12].

JMove [TVMS18]. Job [AP97, BBG86, GQ12, Kar01, PRS11, VC97].

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

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

Journal [BT97, FM90b, Glh99b, Glh00d, HST16, KPM05, Li09, LLZZ06a, TTT14, Woh16, YMM$^+$19, Glz89e, Glh00a, vV13].

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

JSD [Yen00]. JSS [BCG$^+$13, GP10a, Glh95j, Glh96k, Glh97k, Won10, WC16].

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

judgment-based [GJ07, JH10, Jor10].

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

just-in-time [PPB19, YY04]. justification [¨OKT09]. JXTA [AMHJ09].

Kalman [AG15]. Kanban [ADCO18].

Kanji [Kuo00]. KAOS [MNSA15]. keep [RFZ08]. Kemerer [Gur01]. Kendra [MHC00]. Kernel
[CYT16, CC03, CHY+05, Fei12, IF10, LC06a, LWBH16, OY16, SCwY12]. Kernels [YSC+06]. Key [ROR11, RH02, ACS07, CLC08b, EHKH04, HL11, IB11, JW06, LLY07, LKH09, LKJL01, LH11b, LW13a, NLK05, Nec96, NJ07, RG10, RPSL10, SLZ12, Sh17, SCH05, TLL12, Tse07, WF07, WWY11, WZM12a, WZM12b, WHHT08, YC09, YS04, YLZ+16, ZSM05, ZG10, OHJ10]. key-insulated [RG10, WWYZ11]. key-management [JW06]. key-value [Shi17]. keyrings [MBB11]. keys [BCW05, CWH00, HY03, WJ99, WH03]. keystroke [CTL12, Kan15]. Keyword [TZ12, BL11, GZS+18, LWXZ10, WHY+12]. kill [LGC17]. Kintala [TG10]. kit [FCRF16]. kits [GW95]. kleptomania [Sta02]. Kmeans [LQC+14]. Knowledge [AJMP96, Fra90, HKH13, KB96, KPS+04, LC06b, MW95, MP90, Mot96, Pla92, Pop92, Pre95, Sam93, STJ83, She90, Uck91, Zh04b, AAH12a, BSG+18, CJT+16, CSN05, CHL11, CU98, CDZ07, Eri92, FB18, FM08, FH10, GK18, GLJ13, HHZ92, II11, JS11, Kel15, KK17b, LL09, LIA+11, LLH08, LLL+17b, MMTL06, NTdSX13, Pla95, RR09, RO09, SdSLS+19, SKE10, SBDB19, SSA08, TAJ+10, TBG13, TL09a, WBBK18, YCG+14, Zh06, ZG07, ZMK12, dBV08, SZZ06, ZL06]. Knowledge-Based [Fra90, KB96, MW95, MP90, Pre95, Sam93, STJ83, She90, HHZ92, Pla95, SKE10, TBG13, TL09a]. Known [Hen88, HW01, YTH04]. Kodak [Se93]. Korea [NSL+07]. Korean [Kan15, KJJK07]. Kuali [LWZ12]. Kung [CB91]. L [Gla88b]. label [CTHW12, LL06]. labeling [KA17, MLC09, YC08b]. labelling [XYZ+19]. labels [MB06]. Laboratories [HBC94]. Laboratory [BF81, MA89, VM89]. Lagrange [FWTC05]. landscape [GW01]. Landscaping [KSIZ19]. Language [ASMM18, Arc81, BS86, Bel93, BCF18, BYY87, BBC+88, BK55, CL81, CT94, CH83, Coh81, GMM90, HG91, Joy94, KP91, Kri91a, MGH97, Maz81, Mey88b, MO90, PT91, PD98, Ros87, Shn91, TGU93, U95, Wh81, ZS93, ARS17, BK15, BK95, BFLP09, BWH10, CAH15, CF13, CG12, De98, DDGR09, EMBS17, GJ88, HHHB16, HGMB13, Jav88, JMM99, KNYS09, KRK00, KM012, KMK16, LPXL10, LOFA17, MBM+09, MAGC+17, Mer13, MGR+13, Nav92, NBR+13, OAdLC07, ONR02, PC10, DNM05, RS06, SMG08, SA14, SPSR17, SCdS+06, SAH12, SW88, TCMJ98, TL09a, UhCL94, Wal05, YS02, ZM08, ZG07, ZKV12]. Language-agnostic [ASMM18]. language-independent [CF13, DNM05]. language-supported [BK95]. Languages [AM81, CH83, CGD+96, FM90b, Gan91, HP92, Kor83, MF90, NC96, PDN86, RMC93, SAA93, TK87, YFY96, ACG+15, AMKD13, Ay94, BBA10, BSB12, PCDG02, PK89, QOLJ16, RO13b, Rom99, SKL10, SHS16, Sp01, Sto92, TFS10, War89, Wen03, VPdP13]. LANs [CF92]. Large [Ara95, Bla87, Di87, ESWA18, FNWL18, Gom94, HL90, Le90, MW97, MWH98, N96, OKOM97, Rey80, Sel93, TP17, WWC97, WR93, AHH16, APS16, AM04, AAA11, BLL+18, BES04, BV16, CB16, CJO3, CF07, CCM+04, CSM15, DvDVA+13, Deu01, DPL16, EEAZ13, EH19, GT17, HBM05, HY03, JLC04, KY09, KLL+11, KKR16, KGT02, KLO7, KPG+07, LK01, LCL+12, Lin12a, LTK+15, LWY16, LLL+14, DPS03, MPST06, MW01, nPHH+16, PHL06, PFG13, PTF+15, RSB+16, RVC17, SAH12, Sh17, SM16, SGO13, SYT+17, SAN+17, TM06, TAL+13, TTW04, TCC04, TMI99, WK15, WFF18, WWC98, WL05, Wey99, WCV+98, WM99, WB15, XWZ14, YMM+17, YMM+19,
[KTF15, KKT17, LGC17]. licenses [SA12].
Life [AJMP96, Bas80, FF95, HZ83, Leh80, RUV92, San95, TD80, Dav88, Fei12, Gla94d, Got93, LD00, OBS79, S06, SS15, Tia99, WB12]. life-cycle [Tia99]. lifecycle [MGEB03, PMB99, SRBT18, TTMI19].

Lifetime [YZG+13, LS05b]. light [DDF+05, PIG08]. light-weight [DDF+05]. Lightning [Gla89f].

Lightweight [CM05, DCAC09, HHW+03, SCwY12, KT12, PdSd+13, PQBP16, RD+17, ZADA15].

like [CWH00, CT94, ZLZ11]. likelihood [JZ07, RBW18]. likelihood-free [RBW18]. Likely [VPM93, TSRC18]. limitations [HLWS13, MMTS15, SBAH17]. Limited [RT86]. Limiting [CPYZ14]. Limits [Tae92]. Lin [CC02b]. Linda [Has98]. line [ACS07, AD07, AK08, BWW+18, BBD18, C¸am00b, CV16b, DGRN10, DWC17, FHY17, GAK92, HGBS18, HF08, HPF16, KDS+08, LMN10, LNTS19, LG03, MCV16, MB10, NRG08, PBD+12, SSS17, TN05, UIK17, ZR04, ZM06, dSdMSNO+14, CBT+14].

Linear [RT86, YRN80, CAG17, HY01, MPAA15, NHc13, PHLW06, dSSJY08, TM02]. Lines [Dol07, AWSE19, BKS15, BdMSNO+17, BBS10, CdsdSg+18, CNKL12, EBB09, FL05, FFV19, GW+11, HB01, KDS+08, KM09, KPS08, KTF+16, LDL07, LG+19, MAGIC+17, MR00a, MD16, NBA+15, OGRJ+18, PLHP+15, RTM19, ROR11, SHW09, SsdGdSM+13, TGB13, WVT+14, WAG15, WGS+14, dSdAdSg17]. lingual [RMC05]. Linguistic [Sta02]. Link [AAH10, AAH12b, DRCG12, Gla92g, KR16, PSDK12, RNC14, SCg+18, SZS13, WY04, WG+09]. Link-Layer [AAH10].

linkability [WYL06]. Linkage [ZS88, dNP18]. linked [Kar94]. Linking [BJ03, FPW96]. Links [HRR16, KBDGAW16, ZHU04a]. Linux [ABB19, FAB+07, Fei12, IF10, LC06a, SMZC12, YSC+06]. Linux-based [ABB19]. LISP [Ng93, YH93]. List [Cam00a, SD94, YRN80, Ab06, BG06, CHY+05, SBZ+17]. Listings [LDN87]. Lists [DT90, CC05, GAW92, LMIV15].

Literature [GCAH18, LL85, Not85a, SKT17, AAGT16, AKA18, APW14, AN091c, AT15, AS16, BPW16, BK515, BMB18, BKB+07, CFl+18, CP15, CS19, DPL16, BBG14, EFG+08, GJ16, GNA17, GA11, GLa91i, IHA16, KGB11, KNA11, LF15, LL15, MH13, Man16, MRT17, MRY17, MGN18, ML08, MB10, OGRJ+18, PG12, PMB15, RAK15, TKP+18, TCS18, VTC+17, VCMG17, ZADA15].

Little [Gla90g, RNC14]. Littlewood [Lit80]. live [FGL15]. lives [TLK+16a].

Living [BR90, RSL12, CAF17, GMPN16, BHH+12]. LLVM [RSC18]. LMR [Rav03].

Load [JJH90a, HHJ91, HL94a, MCC11, RCS93, SLW+15, Sh091, BVV+10, Boz00, CBZ00, C16a, C14H, CS12, DY15, DLT99, FS19, Ha92, JLL+12, MCC03, NNVD17, RvJK01, TH02, GWG+09, WOC15, YCF+13, ZK09]. load-balancing [DY15]. Load-Building [HL94a, Ha92]. Load-prediction [SLW+15]. load/extract [TH02].

Local [DT90, 0i08, CL18, FF12, FA+01, HC10, JC15, KAU16, LM15, LWW+10, ZZ88, ZLM114].

Localisation [aSRZ+18, XYZ+19]. Locally [TL89, ZG00, KC16, YR09]. Localization [STJ83, Sel93, AZGvG09, DC11, DW14, FP18, GZX+19, GLOM19, JJC+14, LLW19, ML+14, PAR14, TXYX19, W15b, WL16, WDC10, YLYL17, ZJC+10, ZCT+11, ZS16, ZYZ+17, ZZZ18]. localize [dSACdLF17]. Localizing [ZWF+18].

Locally [CW97, TC06]. located [SHHL12]. locating [WBP+03]. Location [CL94, HLYL06, LLK04, ZS05a, AACT13, AL10, BHLU15, CAF17, ESW06, IBM11, LU06, LPR04, NCS10, PSK05, PSH06, PXT+13, WCC13, XSL+18, dL13].
Location-aware [HLYL06, PSJH06].
location-based [LPR04, PSJ05].
location-dependent [IBM11, LU06].
lock [CKyL98, PMWC12].
locking [CM05, Jun00].
locks [HPT07].
lock-based [CKyL98].
locking-based [Jul00].
locks [HPT07].
lock-based [CKyL98].
locking-based [Jul00].
lock-based [CKyL98].
Locking [CM05, Jun00].
locking-based [Jul00].
locking-based [Jul00].
locking-based [Jul00].
locking-linear [NHC13].
locking-logistic [WWSZ15].
locking [CM05, Jun00].
locking-based [Jul00].
locking-based [Jul00].
locking-based [Jul00].
locking-linear [NHC13].
locking-logistic [WWSZ15].
locking [CM05, Jun00].
locking-based [Jul00].
locking-based [Jul00].
locking-based [Jul00].
locking-linear [NHC13].
locking-logistic [WWSZ15].
locking [CM05, Jun00].
locking-based [Jul00].
locking-based [Jul00].
locking-based [Jul00].
locking-linear [NHC13].
locking-logistic [WWSZ15].
locking [CM05, Jun00].
locking-based [Jul00].
locking-based [Jul00].
locking-based [Jul00].
locking-linear [NHC13].
locking-logistic [WWSZ15].
locking [CM05, Jun00].
locking-based [Jul00].
locking-based [Jul00].
locking-based [Jul00].
locking-linear [NHC13].
locking-logistic [WWSZ15].
[TG10]. Memories [BW95, GP98].

Memory
[CCN+10, Hač91, IMM95, SS14b, SF92, ÁRMc16, BPQP+10, BH90, CGHL07, CN04, CD00, CSaLG02, CBG09, CC99b, CHL04, HC06, ISS98, JFC08, Kar00, KKLBI11, LF91, LUS+00, LSaC04, PS13, RMCH+14, RSCB18, SMU98, Shi17, SeMC02, SLLL12, TL89, THP+06, USLC01, WLZ+17b].

memory-corruption [WLZ+17b].

memory-efficient [Shi17].

MENDELS [UH96].

Mental
[FAI94, LPLS87, KV05, SFM99].

Menu
[Art87].

Menu-Based [Art87].

Merge
[Yan94, HCB+16].

mergence [ZHH+17].

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].

Message
[Hač94, MF90, MW08, AN16, BKRW19, CL18, EEAZ13, HYC04, JEEL16, SV12].

message-driven [BKRW19].

Message-Passing [MF90, CL18].

messages [BHVR18, KPS10].

messaging [RA16].

Meta
[rBHMI7, BCR+19, CdL18, KBHG17, MI100a, SMDM05, ZGH+07, AM13].

meta-analytical [MI100a].

meta-heuristic [SMDM05].

meta-model [BCR+19].

meta-modelling [CdL18].

meta-object [CdL18].

Meta-Protocol [AM13].

Meta-synthesis [rBHMI7].

meta-tool [ZGH+07].

Metadata
[DI05, FC96, SGJ93, BS14, GAKF13, VRPT18, WFWL09].

metadata-based [GAKF13].

Metadata-driven [DI05].

metaheuristic [HBT16].

Metamodel
[MGR+13, KOL+14, KTF+16, OHS01, SDLS+19, ZMK12].

metamodel-based [KTF+16].

Metamodel-driven [MGR+13].

metamorphic
[JCK+17, TSRC18, XHM+11, CPX16].

metaphorical
[MMB10].

metasearch
[LDN04].

metasearching
[AKB11].

Metasystem
[BST93].

Method
[BAEH96, BYY87, BK92, CS16, CH94, CL97, CCGdL16, Glas90d, Gom89, HL83, Hur93, KHN96, LHC96, Lin93, MG86, PEn81, Vel87, AKA18, ATvHJ18, AKL14, dSACdLF17, AS17, AB10, BKS13, BKS14, BM98, CCM+09, CCH09, CC94, Che13, CS+13, CD07, CBK02, EB14c, FJ98, FAK91, FN00, Hač04, HJI2, HC10, HHC12, HTH13, HFRS09, ISO+08, JCG+02, KYP+03, KKL12, KPS09, KMK10, Kv06, KSS03, KrsH+05, LTK+06, LCO5, LGC10, LT13, LWSH19, LG+17, LCO8, LWB16, Lop03, LC08, MRBN17, MLC09, MM06, NDM0, PMDH13, PJ09, PWW10, PW10, PWC12, RFM10, RSB+16, RBW18, SNBH08, SI12, SC00, SWC12, KEE10, SLPW17, SSP17, SGC+17, SHS16, SBB+16, SOC+03, SK04, SS07, SZW+16, SM16, STA14, SNN919, TVMS18, Th006, TB13, TTC18, TC11, WJ99, WWTH08, WJT09, WCLL10, WK88, WDMR99, WBC+17, XSL+18].

method
[XYH+18, YTV+13, YKC+05, YZC15, ZK13, ZLZ11, Zhu04c].

method-based
[AKA18].

Method-level
[CS16].

Methodological
[BHM12, WV11].

Methodologies
[Gla96f, TOYI95, ABC+13, DDM14, DB12, GR05, GPHS07, HBJ+99, ISM11, KY92, KLMC06, MMTL06, SG17, TLK16b].

Methodology
[BY85, Bro87, CS85, Cha06, EHS93, FL09, Gas96, HBCQ94, IYK05, KZ91, Kim07b, KL96, Law1, LH90, Lee91, MB49, She94, ZCd96, Zvi93, BRMA+09, CCC06, DAR14, GPHS08, HGP+12, Kuo94, LS04, LK02, MYZC06, NMG08, ONZ09, PN14, RAj94, Ria81, RMCH+14, RG79, SL01, WSJ14, ZAI15].

Methods
[ACW10, EC98, E989, Fen93, FF87, Fur93,
Gla91c, Gla93d, Gla95d, Gom94, Hag91, Jac98, LH95, LSD95, Par98, WRW93, Zim84, AI 12, ABJ10, ANM15, BDMK03, CP15, CBAV16, DC11, DIP98, FIBRGCLN05, Gla93h, Gla94e, Gla96d, GV99, GPML06, HALS08, HRZ06, HJ00, HH06, HCC10a, HLC99, JH99, JTW98, KSENM17, KSM +, LF98, MRT17, Ost92, PG12, QHS08, Sai98, SUS004, SPZ06, TC11, TPKT12, Wie14, WBP +, Wil89, Yeu00, ZADA15, ZXTT11].

METKIT [WBR90].
Metric [Eva83, Gon95, Har88b, HS95, KAL97, MK90, NC96, OHK93, PS90, RY93, SKV94, v838, AL05, CJP98, CC08b, CRC19, Hus01, KCAS13, Li98, L99, MK15a, NJ07, RC94, RB89, dAGSdFS +15, TDW +14, CPX16].
Metric-based [PS90].
Metrics [AM94, Bhi90, BST93, BC91, BN90, BC94, CRV94, CL95, CBOR88, CR90, CMP85, DS92, Deh90, EL94, Gla89f, Har90a, HL90, HG91, KH91, KML94, LH93, Moh81, MM93c, Myr90, NB93, OKOM97, OC90, PM90b, Pf95, PSZ17, RAC90, Rey84, SN91, Sed93, SI94, SS98, VM93, Wha90, WSD81, YNDS88, ASGJ13, AAM16, Ami00, AAC +17, CGP +05, CKL09, CDDF99, CPR13, DLW08, DMSG11, EMM01, FN99, FBB +12, FN00, GPM13, GS07, Gur01, Har04, JKD02, JPK00, KJ04, Kit10, MFI10, MCC05, MD89, NVPGPSM17, Rey89, RB89, dAGSdFS +15, SvV08, SL08, SC01, SPSM03, TQ05, TVK94, WG05, ZG00, ZXL10, Har90b, LGM].
metrics-driven [Rey89].
MFCVQ [YWHL11].
MFCVQ-based [YWHL11].
MHS [FWFL09].
Micro [HC87, FMR11, HLL01b, LVVT17].
micro-optimize [LVVT17].
micro-payment [HLL01b].
micro-structures [FMR11].
Micro/Macro [HC87].
microaggregation [CLH07, LM13, LM15].
Microarchitectures [OK94].
microcode [TVK94].
Microcomputers [MIH92].

Microcontrollers [LKP13].

Microgrids [AMCC14].

Microkernel [KLGH07].
microkernel-based [KLGH07].
microservices [AIE19, DL19].
middle [TSL +11].
middleware [ALT +09, AGBD14, BMLL14, CCN +10, CDRT13, DGV +07, DIB14, DLB04, HBG +13, HCLM11, KKM05, KSHC14, LGLO8, LC11, MKS10, MDP +11, RLY +13, RMD11, SDG +07, TLK +16a, TDK +07, TMD07, V0, WCLK07, YZ05, FS14b, KLL +11, VSD12].
middleware-based [LGL08].
middle [Wen03].
migratable [MKMS05, GMMC13].
migrating [FGB +19, CCDD00, CFFT08, HL01].
Migration [MM95, CLC08a, DG98, FGLI15, GDLB16, GWvD08, ISS98, RRM17, TW98, UZ09, YTW +13, rBMH17].

MIH [OZO +14].
MIH-based [OZO +14].
Mikhail [Ane09d, Gla90c].
Mil [Coo81].
Mil-Std-1679 [Coo81].
millennium [MG04, Sai99].
MIMD [ZE88].
mind [OD17].
mindfulness [BDPRC18].
mine [Gla93f].
miner [WHC07, LWBH16].
mines [BRG +12].
minimal [CCY11].
minimisation [YH10].
minimization [CTL10, FHY17, LGHR16, MB17, WAG15, WHMP99, ZCC +17].
minimize [LUS +00].
minimized [PWY +16].
Minimizing [BGLG13, KTK01, PK01a].

Minimum [Chr86, LKL04, LGS +19, WL17, BCLW11, CHL11, HWL13a].
Minimum-cost [WL17].
Minimum-Time-Reachability [Chr86].
Minimum/maximum [LGS +19].
Mining [LCs06, LL +09, LLC +09, LNL +12, LNL +17b, MKHL16, VMB +08, Wul11, YHHR03, ZM18, CTL08, DS12, DZW +09, GNA17, HSC15, HWL13a, KSAR18, KLS07, LL09, LPR04, Lin16, LZ12, LW13b, LWBH16, MG11, MdFD +15, NJ17, NDS13, PCCG12, SOS +18, SHS +07, SAH12, SJCC13, SLH17, SYXL17, TWTY04, TLK16b, TL07, TL09b, TPTV17, WLC13a, YF15, ZMB14, ZJL10].

Minnowbrook
MIP [GP05]. mirrored [VM00]. MIS [Jef87]. Misinterpretation [Cio91]. misleading [Gla86]. mismatch [MARD16]. miss [BKSM13, BKSM14]. missed [SPMG18]. Missing [IAA16, ZJZ11, DZ00, SCGL+18, SA06, TC16a, VK08]. Mission [DB86, CCN+10, DGV+07, LJS05]. Mission-Critical [DB86, CCN+10, DGV+07, LJS05]. mistakes [Mii07, SCMS15]. misuse [EA12, EA14, KOS15]. misuses [WLZ+17b]. Mitigating [SMZC12, SKZ+04, LMT16]. mitigation [WAWO12]. mixed [CCSC01, CAG17, LKL02, IWSH19, LGRH16, MMTS15, N13, PGPC17, TB13, XB19]. mixed-criticality [LGRH16, PGPC17]. mixed-method [LWSH19, TB13]. Mixing [GDFFPG+10]. MKH [CLLC96]. ML [GCC+15]. MLC [LKW+09]. MMDB [DK08]. MMP [LJM11]. MMU [CLY14]. MMU-less [CLY14]. Mobiscape [KLL+11]. Mobile [ASV+16, AAH10, CBS16, CL13, GBC111, LLHY19, PMMM11, AR12, AN16, ARS10, AAH12b, AAN11, AAM+17, AGBD14, BGS+16, BHAM09, BMES04, BCF18, BGG10, BJK+11, BND14, BSDD14, BDM+19, CDA11, CdCadO18, CTL12, CMK+11, CLC08a, CWK10, CC09b, CJ03, CRKH11, Chr16, CMNA+09, CGPT14, DIB14, DPM07, FIICNL+02, FRGC10, GMB+09, GRBNA10, GTA09, GNA17, GPF11, HLRY06, HL09, HL06b, IB11, JED18, KAU16, KSHC14, LCY00, LLK04, LKW+09, LNY06, LKKL04, LRS+07, LK04, Lin07, LL14, LZHS11, LKK14, MDP+11, MK80, MT13, NLKW05, NOPF12, PLVB+18, PSH06, PJ09, PS09, PPP+15, PLHP+15, RHHT18, RT07, SM17a, SRWE10, SHN14, SME10, SHBC19, TM06, TG17, TKA+02, TKH+11, UIK17, VSS+11, VSD12, VA08, VPL+10, WGC02, WBW+06, WF07, WM99, WHN+01, WCB+17, YC09, YSDT11, YH13, YL16, YZ05, YSK09, YGN+16]. mobile [ZSG16, ZK04a, FS14b, LY09]. mobile-commerce [YC09]. mobile-health [LZHS11]. mobiles [GCSAddP11]. Mobility [BCEF10, AN10, BD10, CMS04, HL09, KLL+11, LHI1a, MEB+10, ME10, WB10]. mobility-enabled [AN10]. Mod [DT90]. mode [CGW08]. Model [AHH+10, AA07, AHGS92, AHG93, Ara95, Bel93, BW93, BY85, BFC92, CDI70, DPP+18, EBEL18, EL94, FZHS95, FSA87, FAI94, Goe80, Gok09, GWvD08, Ha89b, HZ83, HB83, HVK11, HH97, HO96, HKF92, Jar93, Jef87, JB91, KP97a, KD91, KP97b, LM94, MKL+15, MGH97, MBPM19, MS190, OB13, PMR16, Phi05, Phi81, PBD+12, PH86, PL92, Poo93, Pop92, PL83, PLP04, SL96, SDB16, Tak97, T929, UW95, Var91, V87, WNHM86, ZK85, ZC97, Ad13, Aki18, AK16, AD17, AF16, AAB19, BRB14, BS+18, BHXX05, BV15, BCR+19, BKR09, BHB+05, BGT18, BC18, BDDS11, BMB18, BRS+18, BL11, CCGdL10, FGB+19, CCC05, CC09a, CGL+04, CFAP17, CELS07, CPW98, CV14, CHLW17, CLB05, CMC04, CD10, Ch04a, Ch04b, Cho05, CC05, CC06, CH10b, CCGdL16, CHCO11, DEW+16, DLW08]. model [DK15b, DGL+08, DGJ+03, DGWC16, DCT17, DM17b, EJO1, EVR11, EUR+13, FDAM12, FGMM17, FVHF+15, Fei12, FM09, FAM13, FWA09, GMR08, GMPN16, GMR17, GKS18, GD12, GRT13, GMS07, GTF15, GAWC91, DDF+13, GEM15, Ha88, HT097, HP16, HA10, HZH+16, HAHH06, HKN+07, HK09, HMC98, HLWS13, JPKP04, JJ06, JBSL12, JS99, JHSB09, JGD17, KP10, KBH17, KRK00, KBH07, KLL17, KD18, KB16, KC98, KSS15, Kuc94, KLG07, LJC16, LKR13, LKRYS18, LP93, LS17b, LPM15, LJA+11, LAHS97, Lit80, LM96, LZ06, LT08, LXC13, LLL+14, LHO1b, MMCB00, MR01, MJ14, MGB16, MA09, MAG12, MLD16.
MPRS14, MV11, NHC13, NR04, NWZ05b, NPC12, NGM08, NB13, OOD09, PLCC09, PG05, PK02b, PB15, PCHW12, PRS11, PCFRP19, Phi06, PRR10, PGRQV12, PW03, RAK15, RHHT18, RKK16, RRT01.

**model** [RRM17, SAMN12, SÁMI17, SFMB16, ST13, SDG17, SZ98, Shy03, SXYW14, SP17, SS14a, SW08, SZW+16, SGEK19, SFM99, SLY17, SXYM11, SS13, Tan04, Tan00, TJH07, TKJL13, TA+17, TN05, TCSC04, TTR+13, TGP11, TMBO2, UZ09, UKH17, Uzz13, VM12, Vla98, WHL89, WW09, WZKZ10, WDC12, WWSZ15, WTG+15, WD99, Wau19, WZM12a, WZM12b, WBS+10, WGS+14, WWSS13, Wou80, WCC13, XTXZ12, XB19, YFZ+16, YC12, YCF+13, YHM+14, YF15, YYL+06, ZML+10, ZEO3, ZLCY09, ZM18, ZyCkp01, Zhu03, Zhu04a, Zhu04c, dCPV10, AJCM08, FdOdL04, MYZC06, nQYD11, RSCB18, WFY+19, Zha08]. **Model-Based** [EL94, AA07, CDI07, DPP+18, Gok09, OB13, SDB16, AAB19, BRB14, CFAP17, EUR+13, FVHF+15, GKS18, KSS15, LLL+14, PG05].

**Model-Driven** [Jar93, PMR16, HVK11, PBD+12, AdB13, Aki18, BKRO9, FGB+19, FDÁM12, FAI13, GMPN16, GMS07, DDF+13, GEM15, HP16, JGpaL17, MGB16, PGKQV12, RRM17, SAMN12, TA+17, TGP11, UIK17, VM12, Wau19, WWSS13, AJCM08]. **model-free** [WDC12]. **model-oriented** [LM96]. **model-to-model** [CCGdL10]. **modeled** [GJ08, MMP15]. **Modeling** [AAMS14, ABB15, BPGB13, BCF18, BT97, CS01, CB91, CUY09, EL07, Eva95, FS88, FF95, FM87, Gu96, H0797, HA03, HLC+09, HYJL04, JX07, JLC04, Kun91a, Kun95, Mai96, Mer87, Mi96a, Mot96, PLM07, PG15, Por93, RCSD93, Sak84, San95, SB14, SMB94, Sta83, SP94, aRS+10, TAF+17, VPdP13, WC99, WFZ96, YLXZ16, Ze96, AHW10, AGC13, APS+10, BM18, BKH10, BDPRC18, BCV06, BW80, BT17, CCW+01, Car94, CW02, DMA18, DY99, DGRN10, DB06, DL99, EZRK16, FBB15, FCSM09, FCB+16, GH04, HR95, HCC91, HGMB13, Iso01, JOZ03, JZ05, JC10, Kar04b, KMR99, KJS+12, KPS08, KKL+11, KMKY07, KSS03, KEK04, KDEK04, Kun91b, LP93, LGH+17, LS09, LDKL07, LH+05, MB19, MV10, MGR+13, MNSA15, MNSA16, Nae01, Nav92, OD05, PS05, PPM17, Phi04, PAS+10]. **modeling** [RTM19, RK00, SA14, SÁM+16, SZ06, SKL10, Sca99, SRDLCP09, SJ17, dSSVV11, SK13, SWES16, TB13, TGP+11, TBD+08, VRPT18, WPC06, WKH09, WSJ14, Xia00, YWT07, YAKK16, ZHO5, ZMK12, BBA10]. **Modelling** [CBG09, Cla86, CP97, ELK06, GPHS07, Ha86a, KNT86, RW01, WB15, WMOY11, AD14, BRS10, Cit16, CFN07, Cow05, CDL18, DJ01b, ETYL15, GV99, GCC+15, KLRW01, KMK16, MPS+12, MPL+15, PC10, PL09, PH07, PSL+09, RRW00, SB17a, SS15, SG01, TTR+13, VKL16, Wal05, WL99]. **Models** [CLO95, Dha95, FWD97, FSS94, Hs95, KMMG91, KL91, LV97, LL97b, LPLS87, MBCD86, MS97, MDR91, MT049, Pf95, PS16, Sta85, Tör90, ZEB88, APM+14, ASV+16, AMCC14, ADET12, AKA+15, ABG02, AF16, AGRI9, ABAJ10, AGCS+08, AMMG14, AK15, BG09, BAM17, Bf03, BGLG13, BWH10, BLO06, BSG+18, CDAM+14, CCG+18, CGP+05, CLS+12, CPD+18, CRK+18, CFM+16, DCG16, DREHL06, DA07, DZA+14, EA12, EA14, EGG+11, FDM12, GVPM18, GB08, GGH+18, GT14, GMS07, HGBS18, HJBH10, HBT16, HBVG08, HFC+01, Hua05a, Hua05b, IWF07, JED18, JHBS09, JZ07, JK12, KSH05, Kim12, KLB15, KM13, KH06, KV05, KTF+16, LWB+13, Lin01, LH08, LHP+09, LHP+10, LHLG+15, LMYMGT08, MWM12, MGB103, MDFG08, MSGGL12, MA08, MA10, MPAA15,
MHSM99, MO84, NHH+12, NG08. models [OFWP07, PMR16, PN14, PPG+13, PS00, PFF12, PP04, RSB+14, SC99, Sai07, SPSR17, SFJ04, SKW06, SNN+19, SGO13, SH07, SPSM03, TPH+06, THGL07, TTL+13, TKV85, TKCR14, TGE17, VMB+08, Wal05, WMW12, WPP+09, YAKK16, Z609, ZYA+18, ZKL+09, LJH10]. Modern [YCA17, BM00a, VAM+10, Gla93h]. modernization [CRESF13]. modernizations [SdSLS+19]. Modes [Sub93, Fug99]. Modest [Mat86]. Modifiability [LBvVB02, Loh84, LBvVB04, CFRPC+18, LJH10]. Modification [AHGSS05, HCS09, LCF13]. Modified [PH86, CHT01, EEAZ13, THGL07]. Modify [KFS02]. Modify-on-Access [KFS02]. Modular [BRS10, DBL+18, DXPY03, EL88, FW90, HCC91, SNDD19, dRT06]. Modularity [VHFF17, dB12]. modularization [NMM13]. Modularized [HL00a]. Module [Arc81, Bow84, Loh84, OHK93, PDN86, RS00, ZSGS93, EB14c, KS16, Leu97, LHC+05, MR00b, PKR01, TM98]. Modules [BMSB94, KL95, PBC93, BT05, EEO8, KTO3, LC06a, MTRF14, MA17, SSHA, TNA01, XNP07]. modulo [SYT+17]. modularity [CSW13, LC10, WWH08]. Mojave [BCBZ14]. moment [GJ13, TPKT12, yWP+11]. moment-based [TPKT12]. MOMM [MKL+15]. Monetary [AB10]. Monitor [TT93, Zho93]. Monitoring [DFCPFS15, H906, LCF+06, THT+18, YRNN0, BRG+12, CZdV98, CLY17, CLF+13, ESI4, JR15, KKG+12, KLL+11, MLK11, MB10, OM13, OAA08, PJ15, RGV+17, SYBN12, SZ11, VRG+16, WWY+12, ZSO5b]. monitors [HL00a]. monotone [SD16a]. MOO [dRSBA13]. Moral [Col92, Lue92]. morphology [Mus03]. morphology-driven [Mus03]. Mortem [Hag91, AS10]. Mosco [AGBD14]. MOSIS [Ayr98]. MostoDE [RHRC13]. MostoDEX [RHRC15]. motifs [WFY+19]. motifs-based [WFY+19]. motion [ZEY04]. motion-based [ZEY04]. motivate [VBC+14]. Motivating [LMWM18]. motivational [MP5+12, dSF12]. Motivators [BH02, BF03]. movement [NCS10, TL09b]. moving [IBM11, KLL+11, LPR04, LSZ+07, Lin12a, RVM06, URG10]. MP [CM86]. MPEG [DK08, DK08, Ng99]. MPEG-7 [DK08, DK08]. MPI [DCH02]. MPLS [CTHW12, LL10]. MPSO [JHSSB09]. MPSO-Cs [MNE17]. MR [LPJ09, MM10]. MRRL [ED06]. MSc [HRR98]. MSE [MII89]. MUDABLUE [KGMI06]. MULAPI [XSL+18]. Multi [ARM16, BLS18, CTL10, DMA18, FMAR16, GRT13, HM16, LAT10, LyWSZ10, LKL05, MS17b, MK15b, PSS+16, SRWE10, SFJ04, WGY+08, WDMR99, ACL13, ÁGBYB+14, BBG+04, BV15, BPO+16, BM17, BW06, BCS18, CCW02a, CET+08, CHT01, CW12, CW14, CYT16, CCK15, CAG17, CNKL12, CV16b, DCH02, FHL+15, FMP09, FWTC05, FFV19, GMPN16, GCC+15, GAW07, GZS+18, GGM11, HCB+16, HLW08, HSM16, JZL07, JLY14, JXL11, JS16, Jun00, KBZ15, KM11, KMN12, KSH+12, KAM13, KS16, LHJ10, LBS+07, LCW06, LKP13, LS14, LG10, LSH09, LNM06, LQC+14, LSG15, MLHL12, MVLJ18, MMZ+16, MGB16, MIBV14, NXS00, OKS+15, PLCC09, PB15, PCHW12, PK10b, PPCC17, PA99, PBHJ16, RMC05, Sal17, SPTM15, Sh109, SCO13, SHS16, SA18, SZS13, TPK+18, TLL12, TL09b, WVT+14, WC07, WDC12, WDC12, WCX15, WCV+08, WX10, YFZ+16, YCF+13]. multi [YCC16, YLXZ16, YH10, ZMB14, ZJZ+17, ZCC+17, ZP17, fLSN18, AKAAA18, CD10, MK15+16, ACSC16]. multi-agent [BM17,
multi-attribute [BV15, KAM13].
multi-byte [Kim12]. multi-category
[BFY16].
multi-class [GAWW07]. Multi-cloud
[MS17b, CAG17, WCI15]. multi-collinear
[LXG10]. multi-component [BCS18].
multi-core [CYT16, CKC15, FHL15, KSH12, LS14, PGPC17, WX10, ZCC17, fLSN18, CD10].
multi-criteria [FMdAR16, MK15b, PB15, AKAA18].
multi-device [BBG04]. Multi-devices [SFJ04].
multi-dimensional [CCW02a, HLW08, LcLsW06, LQC14].
multi-disk [LKL05]. Multi-faceted
[LAT10]. multi-GPU [HCB16].
multi-granularity [Jun00]. multi-homing
[HSM16]. multi-hop [CW12, JXC15].
multi-item [CLL10]. multi-keyword
[GZS18]. Multi-layer
[CTL10, SRWE10, WGY08].
multi-layered [BFO16, LBS07, MGB16]. Multi-level
[BLS18, HM16, PK10b, Sal17, TL09b, ZIJ17]. multi-lingual [RMCC05].
multi-members [JLY14]. Multi-method
[WMR99, SHS16]. multi-model
[PCHW12]. Multi-objective
[ARM16, PSS16, CV16b, FSV19, KS16, LHB10, OKS15, YH10, MKL15].
multi-organizational [FMP09].
multi-paradigm [DMA18, LJMJ96]. multi-partite
[AGBYB14]. Multi-party
[LYWSZ10]. multi-precision [LKPC13].
multi-process [WCV98].
multi-processor [DH02]. multi-purpose
[KM11]. multi-rat [MMZ16].
multi-relational [SZS13]. multi-release
[YLXZ16, ZP17]. multi-RSU
[ACL13, ACSC16]. multi-secret
[CW14, FWTC05]. multi-server
[NXS00, TLL12]. multi-signature
[Sh09, WC07]. Multi-sprint [GRT13].
multi-step-ahead [YCF13]. multi-target
[SA18]. multi-tenancy [KBZ15].
multi-tenant
[LZG15, MVL18, PHJ16, WVT14].
multi-tier [WDC10, WDC12].
multi-vendor [SC013]. multi-vocal
[TP18]. multiagent [VAM10].
multibit [KPS10]. multicasting
[JC89, JXLC15, LT07, LZ13, LL14, MV10, TTC04, ZYJ12, ZADM10]. Multicasting
[Ha94, WGW09]. Multiclass [MR86].
multicore [Amb87, Cam99]. multicomputers [Ab06, Ab08, BMOKA09, KH97, RWRK01].
multicore [HH17, LFCL12, OB13, TC16b].
multicriteria [SL10]. multidimensional
[HWML04, ZXT11]. multidisk [GAK92].
Multi-faceted [Gla88b]. multigranularity
[CM05]. multi-join [vdBK94]. multilayer
[NHC13]. Multimedia
[DK08, HLT09, BRM10, CCCT06, CCSC01, CH05, CL99, DLB04, GFL11, GL05, GPL15, HK00, HKY01, HL02, HLY06, LTK10, LG05b, MV05, MV06, PK02b, TVA04, TTC04, YYY04, YWTW11].
Multimicroprocessor [GDF86].
Multimode [KNT86]. multinomial [SA06].
multiobjective
[PLHP15, Yoo09, dCPV01].
Multiparadigm [HL93, Ng93]. Multiparty
[CMK05]. Multipath [ZX94]. multiplayer
[CMK11]. Multiple
[CHB94, DB92, KSM16, MBCD86, TKU93, ACL13, BA14, BFV04, CLLC96, CCF04, CHL11, CK02a, Deu01, GZS18, HCL12, HWL13, HKI01, HSS10, KMSMD08, KC09, Lee07, LSV06, LU05, NSM17, OSC98, OW04, PPG+13, PC02, RSG99, DM07, SJF04, ST89, SC19, SK10, TB00, TC02, TL15b, WH15, ZWF18, dRSBA13, vHAT13].
multi-base [HCL12]. Multiple-Bus
[MBCD86]. Multiple-case
[KSM16, vHAT13]. multi-GPU
[BAI+14]. multiple-level [Rog89]. multiple-stream [HKY01].
Multiple-Viewed [Del92]. multiplexed [MAH16]. multipliers [WCB+17].
multipoint [CBK02]. multiprocessors
[MBCD86, PH86, SF92, ZCd96, BLS18, CKyL98, HFK00, Kar98, LC05, LESL11, LCLS16, LYX09, MMM00, PWCC01, WXZ+17]. Multiprocessors
[Rod86, SG89, WWC97, CTA94, LF91, PK01a, SA05, WWC98, dOCS13]. Multiproject [AH93]. multiscape [LY01].
Multisequential [TK87]. multisignature [CWH00, WHG01]. multistage [PV94]. Multitasking [CM86]. Multithreaded
[RW97, AR17, TLZ+16]. Multituser [GAW94, MIH92, LNPAGD+06]. Multivariate [LHC95, AdAD17, ZL07].
Multiviewpoint [MW95]. multiwavelet [PWW10]. MUMCUT [YLC06, YL06]. Mundane [Ano88d]. MUS-T [VAS+04].
MUSEMBLE [RjHHK08]. Music [LHH10, RjHHK08]. must [HKvVvdV07].
mutant [DP+18, MHLMG14]. mutants [MK16]. Mutation [BM93b, CNM18, HM09, MK16, DW14, FWH97, HBT16, LH10, SW09, WM95, HLM+09]. Mutomvo
[CNM18]. Mutual [DS94, DHP86, MS90, TW95, WTS95, IB11, JM96, KTK01, LZ12, MBL+99].
MYTHSEEKER [Rog94, Hei95]. nAIT [DH09]. NAND [LKW+09].
national [LSK04]. native [HL09, QK17, PDK+16, SVMAM04, YGN+16]. Natural
[BYY87, Bra96, Maz81, BKS15, CAHV15, JMM99, KMWL12, SA14, BFLP09].
Naturalness [Gla96g]. Nature [FS05]. navigation [BPGLS13, LK13, OSG98]. near
[BKSM13, BKSM14, CL17a]. near-miss [BKSM13, BKSM14]. near-optimal
[CL17a]. Nearest [Zha12b, Cho13, HKS+17, LSZ+07, LZ12].
Nebo [EMBS17]. necessarily [LF98]. Need [CBV07, JCK+17]. Needed [BM96].
negotiation [LR04]. negotiators [HCWN05]. neighbor
[Cho13, HKS+17, LZ12, Zha12b]. nesC [DH09]. Nested [FN85, HW94, HC86, LC05, MMB00, PC01, RQD+17, TMB02].
nested-virtualization [RQD+17]. nesting [HB89]. Net [GMP94, KP93, KP97b, LM94, LL97b, PdF97, Var91, AHW10, CC06, FYCL13, JR09, JS99, KDEV04, LP93, SC88, LKJL01, RR09].
NetBSD [YSC+06]. Nets [Chr86, Coo90, FN86, KH96, Sch91, SBM94, vD93, BMH12, GKP98, HCC91, Kor99b, OH15, PPM012, dSSJ08, BM07, CR06, HA03, PD97, Phi06].
Network [AO16, BP86, Bla87, GMGTdFR14, Ha93, JXL15, KL95, LS97, LG97, MR86, SW93, Unu97, AN01, AAD02, BKLE18, Bia05, BHXN05, BDMK03, BRG+12, BLM+08, CCW+01, CCL05, CCH14, CC01, CBZ+16, CJ03, CL15, CL17b, CE08, DY15, DGV+07, DRCG12, DST+04, DAR14, DCT17, FS06, GTA09, HY11, HST16, BH13, HLYL06, HCC05, JLY14, JLY09, JCC05, KY10, KR16, KSHC14, LH11a, LG17, LCLL07, LL10, LLV+09, LLH+16, MB19, MK15a, MJZ+10, NSL00, NJ17, OS09, OK11, OZO+14, PNL07, SMZC12, SSM+09, Sk13, SH07, SC09, TJH15, TAF+17, TAB+16, TTC04, TCC12, TT10, WHC07, YCLC17, YLYL17, ZHS01, ZK04b, ZCT+09, MMTS15].
Network-aware [AO16]. network-based
[BKLE18, BRG+12]. networked
[ADMOK+10]. networking
[DW08, HC04a, KPT09, LK09, 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, CD +16, CBS16, CLC03, CCC0b, CSW10, CWK10, CTHW12, CW12, Cho13, CL13, CFN07, DBLP +18, DGV +07, DBCp11, EAAZ13, ECRVSI13, HBG +13, HST15, HWHT11, HC01b, HH06, HL09, HLT09, JLYK09, JXLC15, Kar04b, KLP10, KPSK09, Kor99a, KCV11, KMS09, KV05, KRC08, LS17a, LCC10, LT09, Lin07, LY09, LT11, L13, LL14, LWOY16, LWL +16, LWC +18, LMA15, LMK14, MLHL12, MCC +18, MLK11, MMZ +16, MBM +09, MK08, MLD16, MHW01, MC10, MDO +10, MT10, MKR14, MARD16, MAIC17, NSA01, NV17, OZO +14, OH15, PZT10, PV94, PD12, RNC14, Rav03, Rso90, SM17a, SHN14, SMS11, SGBB12, SZS13, STH +15, TM06, TNJH07. networks [TQ05, TPN +09, dBTD08, TL07, TL09b, VVS99, WF07, WGY +08, WGV +09, WHY706, WMD +10, WMOY11, WCC13, WOC15, XZP +10, YZ05, YSK09, ZADM10, AAD16, CDRT13, DFCPS15, GMGTDFT14, SXY14]. Neural [FWD07, KL95, LMA15, SH07, CWC +01, CE08, DBL +18, DRCG12, EAAZ13, KCV11, KRC08, KR16, TQ05, dBTD08].

Neural-network-based [SH07]. neuro [LCF +06]. neuro-adaptive [LCF +06]. newcomer [TTC18]. news [CT08, KP10, LHLY05, LQC +14, TPTV17, WKB017]. Newsmonger [MK00]. next [CRK +18, Gla89b, PS15, Sai09, TLK +16a, VRPT18, VPVM +13]. NFV [KM17].


Non [ABB15, HY01, KW00, Sch91, ZCT +11, CTKT13, Gla96i, Gl00j, KWM99, KMS09, LC07, MLB09, MPAA15, MZ +10, NSDI16, PN14, PC01, PRQV12, DM +07, XZAR06, ZWX +08, ZL13, ZL17]. Non-blocking [KW00]. non-coherent [PN14]. non-crises [Gla00j].

non-dedicated [ZLD13]. non-determined [ZWX +08]. non-formal [CTKT13].

Non-Functional [ABB15, MLB09, XZAR06]. non-goal-oriented [Gla96i]. Non-linear [HY01]. non-orthogonal [LC07].


non-stationary [MZ +10, ZL17]. non-uniform [PC01]. Nonblocking [WM96]. Nonchange [Gla96k, Gla95j, Gla97k]. nonclairvoyant [ZK09]. noncontiguous [Aba08, BMAH11].

Nondeterminism [DS92]. Nondominated [NE97]. Nonexceptional [TB95]. nonlinear [GS +15]. nonparametric [SD16a]. Nonprogrammer [OS87].

nonreproducible [HWW01, YTH04]. Nonunim [PH03, SC08]. Norm [BT05].

Normal [SRS96]. Normalization [Ml998].

NoSQL [DI +17, DK15b]. Nosv [RQD +17]. Notable [SP01]. notational [HCL12].

notations [HRD01, OFR +12]. note [An011m, An017m, DD01]. notes [ZXG10]. Notification [HR96]. Notice [Ta93].

Notions [Mot96]. Novel [CNS12, HBT16, KSRD10, WLC07, CNL13, CH0a, CBZ +16, DS16a, GS +15, HLS13, KB09, KRL17, LC10, LHH01, LXM11, LGH +17, LXX10, LNN +11, LNY +11, LW +10, LCL17, LY18, MCC +18, MRBN17, OY16, PZB10, RjHKK08, ST13, mSgFL05, SSM +09].

Notations [HRD01, OFR +12]. note [An011m, An017m, DD01]. notes [ZXG10]. Notification [HR96]. Notice [Ta93].

Notions [Mot96]. Novel [CNS12, HBT16, KSRD10, WLC07, CNL13, CH0a, CBZ +16, DS16a, GS +15, HLS13, KB09, KRL17, LC10, LHH01, LXM11, LGH +17, LXX10, LNN +11, LNY +11, LW +10, LCL17, LY18, MCC +18, MRBN17, OY16, PZB10, RjHKK08, ST13, mSgFL05, SSM +09].

Notations [HRD01, OFR +12]. note [An011m, An017m, DD01]. notes [ZXG10]. Notification [HR96]. Notice [Ta93].
novice [CCP18]. Novices [YN91]. NP [MM92]. NPP [KSS03, YS02]. NT [AS01, LCH+04]. NT-SwIFT [LCH+04]. nuclear [YKC+05]. nucleus [HHC12]. null [CBSM16]. NUMA [CYT16, WW97, WW98, WW00].

Number

[Ca98, MIUM12, MM01b, SYT+17]. numbers [ANC11, Gla95f]. Numerical [LJ16]. numerically [EMB15].

O [FTC16, KL96, MD91, SMZC12, SC19]. O-intensive [LP05]. O/A [KL96]. OIFS [PNY14]. OASys [Vla98]. obfuscation [CY04, CDP05, KJ04]. Object [AC97, AHG93, ACDF01, Bar94, BW93, BC94, CGL+04, CH94, Dav95, EHS93, ES97, Gla96g, Iso01, JH99, KO95, KS96, KSW93, KN97, KSW93, KGH+96, LH93, MWH98, MS90, Mil96a, MO90, MD91, Moy96, NC96, Ng93, PM90a, PBC93, PD98, RA96, RMC93, SW23, SCG+93, Sei89, SW94a, Sta93a, Ta93, TL96, UW95, WR93, ZZ88, HI, ZH95, BSK18, BWDP00, BF96, Car94, CZUB99, CPW98, CL99, CC94, CL04a, CZC+18, CL15, CL17b, Cho04a, CDL18, CMMOM19, DRS903, DSA+04, DHL6, DIP98, EKV05, EMM01, EBR14, FB+12, FNO0, FTSC12, FCL+00, FS05, FPW96, GRRX01, GV99, GJP96, Har97, HC90, HI94b, Jia99, Jun00, KAS13, KMSMD08, KLT07, KCR16, KC98, KR16, LS92, LP93, LSZ+07, LS99, LS99, LS99, LS99, LS99, LS99, LS07, LS07, LJS05, MB20, MJ14, Mat96, Mer13, MT98, NQ98, OAC11, OB13, PL94, PSMB01, Phi04, Raj94, RS00, Rom99, SNBH08, SKL10, SW96, SSSA17, SSSS17, STO1].

object-oriented [She02, SS98, SMCL96, SK20, SC01, SPSM03, TA02, TQ05, WK88, WDMR99, XNP07, YLC18, ZEY04, ZL07, ZXL10, Chu97, GL93c, GL94f, Got93, GHRK04, dAGSdFS+15].

Object-oriented [AC97, AHG93, BC94, CH94, EHS93, JB91, KO95, KSW93, Kun95, KGH+96, LH93, MS90, Mil96a, NC96, Ng93, PM90a, PBC93, PD98, RA96, RMC93, SW93, SCG+93, Sei89, SW94a, Sta93a, TL96, UW95, WR93, ACDF01, Bar94, Dav95, ES97, Iso01, JH99, MO90, MD91, AI, ZH95, BSK18, BWDP00, BF96, Car94, CZUB99, CPW98, CL99, CC94, CL04a, CZC+18, CL15, CL17b, Cho04a, CDL18, CMMOM19, DRS903, DSA+04, DHL6, DIP98, EMM01, EBR14, FB+12, FNO0, FTSC12, FCL+00, FS05, GRRX01, GJP96, Har97, HC90, HI94b, Jia99, Jun00, KAS13, KLT07, KCR16, LS92, LP93, LS99, LS07, LJS05, MB20, MJ14, Mat96, Mer13, MT98, NQ98, OAC11, OB13, PL94, PSMB01, Phi04, Raj94, RS00, Rom99, SNBH08, SKL10, SW96, SSSA17, SSSS17, STO1].

object-linking [FPW96].

Object-Orientation

[Mo96, GL96g, GL93c, GL94f].

Object-Oriented

[AC97, AHG93, BC94, CH94, EHS93, JB91, KO95, KSW93, Kun95, KGH+96, LH93, MS90, Mil96a, NC96, Ng93, PM90a, PBC93, PD98, RA96, RMC93, SW93, SCG+93, Sei89, SW94a, Sta93a, TL96, UW95, WR93, ACDF01, Bar94, Dav95, ES97, Iso01, JH99, MO90, MD91, AI, ZH95, BSK18, BWDP00, BF96, Car94, CZUB99, CPW98, CL99, CC94, CL04a, CZC+18, CL15, CL17b, Cho04a, CDL18, CMMOM19, DRS903, DSA+04, DHL6, DIP98, EMM01, EBR14, FB+12, FNO0, FTSC12, FCL+00, FS05, GRRX01, GJP96, Har97, HC90, HI94b, Jia99, Jun00, KAS13, KLT07, KCR16, LS92, LP93, LS99, LS07, LJS05, MB20, MJ14, Mat96, Mer13, MT98, NQ98, OAC11, OB13, PL94, PSMB01, Phi04, Raj94, RS00, Rom99, SNBH08, SKL10, SW96, SSSA17, SSSS17, STO1].

Objectives [ANB93, dRSB13].

Objectives [ARMC16, CV16b, FFV19, KS16, LH10, LY18, OKS+15, PSS+16, RRV19, YH10, CZUB99, MKL+15].

Objectives [ANB93, dRSB13].

Objectives [MS97, PL96, WM90, CRC19, CDD99, GAWC91, HL02, IBM11, IS03b, KLL+11, Lin12a, P06, RVM06, SM09, SJ17, ZMA99].

Oblivious [MXZ11].

Obscured [DM17].

Observation [CV16a, WHY+12].

Observational [YBE17].

Observations [CBT+14, IS03b, KLL+11].

observe [ZHS01].

observers [JL04].

Obsolete

VTZ+17, WT01, WK88, WDMR99, XNP07, YLC18, ZEY04, ZL07, ZXL10, Chu97, GL93c, GL94f, Got93, GHRK04, dAGSdFS+15].
[Hab85, Gla92c]. Obstacles
[DCP12, GslS16]. 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-compliant [LLK05].
ODMG [LLK05]. Odyssey
[BWM06]. Odyssey-Search [BWM06]. off
[AHC+11, CFMLR11, ELK06, PJO9].
off-chip [ELK06]. off-the-shelf-based [AHC+11]. offloading [AR12, ASV+16, DSGS17, RHT18, YGN+16].
offs [GA95, Bat08, SPCT18]. Offshore
[Swa+13, KNA11]. OLAP
[PKL03, SGW+15]. old [Gla95]. OMG
[BCF18, HBG+13]. OML
[OHS01, ODO5, ZPEL01]. omnipresent
[AHH+10]. Omniscient [BLC+18]. OMT
[HK98]. On-demand
[HST15, DB12, HST16]. On-line
[TN05, Chm00b, DWC17, FHY17, ZM06].
one [CB89a]. One [BMJ11, CL97, FN86, Lyy09, Reil7, 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
[BMJ11, LW13a]. one-to-one [AAN11].
one [Gla90k]. Online
[SGEK19, VPL+10, CL17a, Dan17, Gsm15, Kli10, LCF+06, MCS+12, NKJ10, PTK00, Th05, YCWW15]. only [Gla98k, HRBI2].
onto [AO16]. ontologies [SdSdP08, Hsi11a, LP+10, RHR13, ZLT10]. Ontology
[MCS+12, Ysg17, AACT13, BLLSMB11, KSAR18, MJF10, OHS01]. Ontology-based
[Ysg17, MJF10]. OO
[BDGR01, CBKk08, JMM99]. OODBMS
[HLM07, LLK05]. Open
[CF07, CII18, FG94, Fug03, GPPT16, AW07, ACB18, ALRP16, BCG+14, CLL05, DFCPSF15, DST+04, ESM19, EB14b, GDLB16, GW10, JBSL12, KTF15, KKT17, KHMA12, KK17b, KL07, MCMB00, MSB+02, NPC12, PLCC09, PAB+17, PPS12, RA16, RNR17, SLS08, SA12, SM08, SSA08, SG12, TDK+07, VGSN18, WFF18, YLXZ16, YSC+06, ZE03, ZFY+19, CFMLR11, GL14, KGMI06, LMW18, LLS11, MP12, Shi12].
open-source
[CLL05, KL07, RA16, WFF18, YSC+06].
OpenBSD [YSC+06]. OpenFlow
[CsdR+16]. Opening [JBSL12]. OpenMP
[DSGS17, NEM17]. OpenPnP [MBB11].
OpenStack [ZFY+19]. OpenVPN
[LLK+09]. OPERA [CLL05]. operand
[LSC04]. Operating [ERF19, SCK86, TT93, GPPT16, HK13, IFP03, PLM07, SRT+12, ST89, WW00, YSC+06, GAWC91].
Operating-system [GAWC91]. Operation
[CH94, LWB+13, Lin14, WGWZ+12, ZS01, ZH05]. Operational [ANB93, FAS94, LM03, RMB95, BZ05, OD01, OKMD12].
Operations [Ha91, NM93, RA91, DZT+14, HL94b, KD18, PWY+16, TCSC04].
Operator
[ILZ14, BLM+08, CV16b, HWR17].
Opinion [GNA17, TPTV17]. OPNets
[LP93]. Opportunistic
[HLM07, BCLW11, NSAK10, SCGL+18].
Opportunities
[SBAH17, AZX14, ACW10, BDO11, CDPM17, LAH+16, MBL+99, Oja16b, SFPJ04, TVMS18, TE99, TC10, TC11]. optical
[CB89a, Lyy09, WGY+08, AT18].
Optimal [CY00, CL97, DXPY03, HL06a, LM13, PM99, Pha94, UH86, WXY+17, AM10a, CZDv98, CL17a, CSGL05, DDM14, Hua05b, JE02b, PK01a, WHL89, WDS09].
optimisation
[GA13, PG05, PACH15, RRV19, WRT+13].
Optimistic
[BK585, wLyLH97, CKLyL98, JFG07].
Optimization
[BRMA+09, Pot13, ADMOK+10, ALRP16, ARM16, BLM10, BZ14, BA+14, CDC09,
CPYZ14, CHL04, CK02a, CAG17, CV16b, ELHC13, GRT13, GCSaddP11, KHS010, KAM13, LSE12, LZC19, LLHY19, LLZW14, LCL+12, MCL+17, MoDBW15, MBAG11, MAG12, MRJD+12, PS15, PCC02, PK02c, PRN17, RCCVB11, RGH17, San16, Ski13, SGO13, SWES16, TJIH15, TXLC12, TDW+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].

Ordering [BP86, KML94, LPP15, CCH09, LHJ10, LWHS05, MCAA8, PMDH13, nQYD11, WCC13, ZJZ+17].

Organizations [Owo96, ASG17, AK16, BdMSNO+17, BCG+14, CLW05, KK11, PPG+10, SST16, SNJ+07, SM16, YYL+06, Sny79]. organized [RB89].

Organized [AC97, AHG93, BBEM11, BC94, CFFT08, CFK91, CH94, CG94, EHS93, EMSU11, JO83, JB91, K95, KSW93, Kun95, KHH+96, LH93, MWH98, MS190, Mi96a, NY84, NC96, Ng93, PM90a, PBC93, PD08, RA96, RM93, SW93, SCG+93, Sei89, SW94a, Sa93a, TOYI95, TL96, TL95, TDB97, TDT08, U95, WRW93, Al12, AM15, ARS10, ACDF01, AK15, Bar94, BK95, BPSK18, BWD00, BF96, CLX+04, Car94, ÇZUB99, CP98, CCCT06, CLS08, CL06a, CG+10, CC94, CL14, CL17b, Cho04a, Chu97, CHL+13, CGPT14, CCMOM19, Dav95, DRS03, DSA+04, DST+04, DHL06, DTV09, DIP98, EMM01, EVR11, ES97, EB14e, FBB+12, FN00, FTSC12, FLM+00, FS05, GRRX01, GL96i, GV99, Got93, GJP96, GMMC13, Har97, HCN00, HL94b, ISM11, Iso01, JLY+10, JH99, Jun00, KAS13]. oriented [KLT07, KKH+16, KSH05, KKB08, KC98, KR16, LB05, LS92, LP93, LCO0, LCO14, LL06, LMN10, LVM07, LMGB17, Li98, Li99, LS07, LJS05, LM96, LL+14, LN13, MJF10, MLB09, MJ14, MTF14, Mat96, Mer13, MPS+12, MPL+15, MT98, M90, MgVGCB10, MD89, Mu08, NFSM11, NQ98, NBR+13, NGC02, OAC11, OKS08, OB13, PL94, PNJGF12, PSMB01, PL99, Phi04, PFF12, Pot13, PHBB16, R94, RR98, RS00, RV01, Rom99, SCS15, SGP12, SNBH08, SKL10, SDLS+19, SW96, SSSA17, SSS17, ST01, she02, S98, SMCL96, SK02, SC01, SPMS03, SL01, SWES16, TA02, TQ05, TM98, THVC10, TMD07, U209, VP07, WJ99, WXY+17, WM12a, WM12b, WK88, WDMR99, WHHT08, XNP07, YLC18, ZWM+18, ZL07, ZXL10, Zhu00, dOZR+04, dVBB13, KCS08, dAGSdFS+15].

original [CL06a]. origins [BWW+18]. ORL [UhCLS94]. orthogonal [LC07].

orthogonality [RFZ08]. OSA [TDK+07]. OSA/Parlay [TDK+07]. OSS [BWP16].

Other
outage [Car08]. outlook [DFG^+13, Rav81]. output [KAS18, SRT^+12, SMU98, SED16].

outage [SYT^+17]. outstanding [Gla00e, AV12, AK16, BVN07, BWP16, Jor14, KNA11, ZHA12]. Over-confidence [JTM04]. over-fitting [WQJZ10].

Overcoming [Che17, CDP05]. overhead [MA09]. overheads [RwJK01, WWC98]. overlapped [MK16]. overlay [DY15, MARD16, SSM^+09]. overload [JEEL16]. overloaded [MA09]. overloads [Rot89]. overriding [Rad04]. Overview [AF96, Ber91, CBOR88, IKCN91, CBT^+14, EGM^+11, Kam95, PK89]. owned [GAWC91]. owners [GZS^+18]. ownership [CL08, HH06, Lin01]. Owns [Har95a].
partially-ordered [JHYK10]. participant [AL10]. participating [CH10a].
participatory [CRKH11, Chr16, DEA+14].
particle [LLZW14, YYW07, dCPV10, AZ11].
partite [ÁGBYB+14]. Partition [CLL99].
partitioned [XB19]. Partitioning [BE81, Gie79, KC96, Ch10d, JC02, KSEN17, KPT09, LO04, LZN04, MCC02, MCC11, SK04, YZL+14]. partly [Gla91g].
participation [AK16]. Parts [BDM+93].
Party [Gla90b, AHC+11, CLC08b, LyWSZ10, SCH05, YC09, YC12]. partying [Gla99d]. Pascal [L'E87, Lok96]. PASS [MIH92].
Passing [MF90, CL18]. passive [KPG*07].
Password [YS04, BDDG04, CTL12, HCC10b, JC98, WZM12a, WZM12b, YC12].
password-authenticated [WZM12a, WZM12b]. Password-based [YS04]. past [MKNS06, RVM06, SW88].
past-time [RVM06]. PAT [CCHT09].
Patchwork [BS86]. Path [BH83, CL97, UH86, CK02a, GP10b, HL09, LZN07, MK15a, Mur08, PC02, PWLH06, VSV99, W HL89]. path-oriented [Mur08].
path-selection [WHL89]. Pathfinder [KV05]. Paths [BM96, GZ+11, GTY12, KSS15, LWLL12, LWBH16]. patients [GMPN16].
Pattern [Kor83, BKL18, CCHT09, Cha93, DDGR09, DACY07, FM11, FPW96, HZ15, HP16, HK13, HZCD05, Hus01, JCYT16, KPS10, KPS+04, KLNS07, KY10, KLY+11, KLL17, LPR04, LNY+11, LW13b, NKZ17, SOS+18, WLC13a, War89, WHC07, XZAR06, YCF+13, YZC15, YZY+18, ZFS15, ZMAV08, ZLMKn14].
pattern-based [DACY07, FPW96, HP16, KY10, KLL17]. Pattern-Directed [Kor83].
pattern-driven [HK13]. Patterns [ABJ+17, CM93, FHL+18, HGK+06, LIC92, MS97, PH93, SO03, AA07, AKKS11, ACS13, ADCF01, BJ03, BZ10, BNR09, CSF+14, CCG+10, CHL11, Cie16, CRESF+13, DJW08, FVHF+15, FMR11, GGM11, HSC15, HA10, HJ12, HCC08, HWL13a, HK13, JLGM17, KA18, KKR16, KVT+17, KCS08, KP07, LKRYTS18, LLT+09, LJJ+12, LLX+11, MRY17, MSK+17, MKHLB16, OKS08, PB04, RAJ15, SCS15, Sa17, SK11, SMHMA08, SL03, SB17b, SC07, SJC13, Sp01, Sta10, TL09, TL09b, VPL+10, WCC+14, YZC15, ZTZ+11].
patrons-based [HSC15]. pave [WLL17].
payload [FF12, KC09]. payment [HLL01b, YL16]. Payoff [BRO81, Gla91a].
PC [HHZ92]. PCS [WCC13, SH+01].
PDE [OLZN13]. PDL [OC90]. Peak [ACRD19]. Peer [BCG+14, BGG+06, KSHC14, LHH10, Lok06, Loo05, LKK14, MK08, MLD16, Mii05, OK11, SHN14, SM06a, SSM+09, SS13, YH13, ZK04b].
peer-to-peer [BGG+06, KSHC14, LHH10, Lok06, Loo05, LKK14, MK08, MLD16, SM06a, YH13, ZK04b]. Pencil [Gla96j].
People [OS08, AKH12, FFD+14, HWdS+15, MPLL+15]. people-oriented [MPLL+15]. Per-flow [AM10a]. Perceived [OK18, CFRPC+18, ETM10, OGK13, VLL18]. percentage [LLK11]. Perception [JKD02, CJKC09, JKWL09, KWT+01, KLMZ08, KJ99]. Perceptions [RSM00, GW10, Lin09, LL04, LLL11, SHW09].
perceptron [NHI13]. perceptual [MK11].
perfecting [HHM+18]. performance [EBJ17, EK13].
Performance [AAMS16, AMAY19, AAD10, AAH12b, Amm91, Ano84c, BAMA11, BM07, BZ14, Bha84, BNL81, BM93b, CLG05, C91, CUY09, DZT+14, FC86, Goe84, Gor91, GDF86, GLJ13, Ha86b, Ha89a, Ha89b, HI90b, Ha92, HWL04, Hua05b, IMM95, IBP03, KAR04, KFP7b, KNT86, Lai97c, LNL97, LWM11, MK17, MPS86, MNM12, NSA10, NL00, PK10a, Par86, PH93,
[Bel91, FGB+19]. **PL/1** [Bel91]. **PL/SQL** [FGB+19]. **Place** [FN86]. **placement** [DHC+11, HL02, MCC03, OCC12, TVA04, VM00, XJZ+15]. **Plagiarism** [Wha90, TLZ+16]. **plain** [LW13a]. **Plan** [Pfi95, Sam93, GLWY10, MD89]. **planned** [NR04]. **Planning** [DLG96, Sam93, ABL16, BMLL14, BRS+18, BK17, FCB+16, GRT13, KKK08, MH12, MØHB08, NRG08, PK02b, PIG008, Ski13, WC99, WA012, WCC13, ZHS01]. **plans** [Pot13]. **plant** [YKC+05]. **plasticity** [dVRB13]. **Plate** [Car02]. **Platform** [BV18, SRDLCP09, vHJPB+17, AKL14, APS+10, AM01b, BD17, CdAM+14, CdR+14, CM15, CDPM17, GTA09, HS15, HWaS+15, JHSB09, KPT09, MOD+19, MIBV14, NBR+14, PAS+10, QOLJG16, RA16, ZLD13, Zhu04a, vAAJ16]. **Platform-independent** [SRDLCP09]. **Platforms** [SKT17, CCDD00, FHL+15, GD04, PGPC17, ZCC+17]. **playback** [NXS00]. **played** [WLL17]. **player** [MQG+17]. **playing** [BPM06, Dan17]. **playout** [FGBC10]. **PLC** [VHFF+17]. **PLC-based** [VHFF+17]. **please** [CPT05, TC89b]. **Plenty** [Gla95f]. **PMIPv6** [CL13]. **Point** [BK92, Rei90a, BGLG13, EAH+11, Hua05b, HCC05, MJZ+10, OR00, Shy03, ZLCY06, AHGSS05, WL10]. **Pointer** [BL98, MC04]. **pointers** [EKV05]. **Points** [AR94, Dol97, FWD97, FTAM99, GAT15, SvV08, SHW09, ZZ16, Ch95, SSP17]. **Points-to** [FTAM99]. **Poisson** [AC16, Eva97]. **poker** [MH12, MOH08]. **Policies** [CH83, HH87, RCSD93, WKM94, ABA08, CC99b, DIP99, FBB15, PCBB+11, SW10, ZK09]. **Policy** [Sch81, BLS18, Çam00b, FSGW11, Gla95j, Gla97k, HC04a, Hua05a, KLRW01, MBM+09, Qui94, RMD11, ST11, TYH04, YY04, TKSRP11]. **policy-based** [RMD11, TKSRP11]. **Polyhedral** [THP+06]. **polymorph** [FBM09]. **Polymorphism** [Kr91b, TC10]. **Polynomials** [OH94]. **pool** [GP08]. **popularity** [CFMR11]. **Populating** [Pou95]. **population** [Cam99]. **port** [BKH10, MV10]. **Portability** [HO97, TLK+16a]. **portable** [EMBS17, RW00, CDS10]. **Portal** [CC03]. **portals** [HYA11]. **portfolio** [CBC+15, CdOB+07, UG10]. **portfolios** [KGT02]. **Portrait** [Bab91]. **positioning** [CSW13]. **Positive** [SKK+18b]. **Post** [Hag91, LS07, SS12, SL08, AS10]. **post-adoptive** [SS12]. **Post-Mortem** [Hag91, AS10]. **post-release** [LS07, SL08]. **post-camera** [Lin14]. **posteriori** [LWB+13]. **Postgraduate** [BHR89]. **Posting** [MCC02, MCC11]. **posture** [SHBC19]. **potential** [HM01, KWS+17, VT14]. **Potholes** [Gla88b]. **Poumanu** [ZGH+07]. **Power** [BLM10, TK15, wZ13, wZ14, wZ15, AS+16, CWK10, CW12, CRK+18, ED04, EB17, KKH11, MAS13, PAS+10, RITF+11, TC12, VA17, VAJ18, WDC12]. **Power-aware** [TK15, wZ13, wZ14, wZ15]. **power/performance** [ED04]. **powerful** [Ayr04]. **Practical** [CSM15, CP07, DA+06, LT09, SKK+18a, SPS03, VP92, WH97, AZGv09, AMS+10, FGB+19, CCF+04, DB06, FG15, HH00, HZCD05, LWHB16, MMTS15, PSS+09, SOS+16, TCJM98, ZMAER99]. **Practice** [AM94, BKW10, CJT+16, Duv95, Gla90h, Hag91, He95, LSN09, RM05, Aku94, BGS+16, BDPRC18, CJ05, CO88, Dav99, Fer00, Gla89i, Gla93c, Gla94h, Gla94b, Gla95b, Gla98j, Gla00m, GTA14, Han12, KTF+16, y-L98, LKRT18, IW19]. **Qui94, QHS08, RZL+18, SB14, VCB+18, Wie14, Glaf14]. **Practices** [BV18, GKH91, PW87, BD16, BV16, BCG+13, CCP18, CWJK13, DD01, ETM10, FF89, GV10, GZ13, GCBCD15, GCDY16, HDG06, IBAH12, JH99, JDS16, KT12, MHB18, MKK09, NBF16, OK18, PC98a,
Practitioner
[LLS11, MRW+94, BH02, BH03, GCDY16, Haz02, KLM08, LMNA17, PIG08].

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

Pragmatic
[Bar92, GVPPM18, Jef92, NS83, GP98].

Praspel [DGBE18].

pre [Gil88].

pre-natal [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, LRv03, LS08, MER17, MR00b, NHH+12, OY16, WRS+17, XYCL17, ZXL10].

Predictable [ICSK14, HMSW03].

Predicting [ACB18, ABL16, CPV+14, EE08, Hur93, OH94, SD16a, ZeKS17, ZL07, AdAD17, EBGR01, GXZ+19, KR16, LMA15, TL09b, VGSN18].

Prediction [Cav84, CW90, Lee93, Lip79, Lok06, She95, Al12, AGC13, AC16, ABJ10, Bai05, BHXN05, BKRO9, BFLP09, CPD+18, CBAV16, CMM15, CLGL05, CSS+13, EM01, FF12, FSS+13, Gon08, Gr01, GJ08, HJBH10, HCS09, HC10, JTM04, KY10, KR08, KCV11, LCT10, LS05a, LCLF13, LG15, LJA+11, MLK+00, MA08, MdFD+15, NQ98, ÖT18, PEO11, PSM12, PB15, PBP19, RSB+16, RSP03, Sch03, SLW+15, SRDLCP09, SHBA+16, TQ05, TN05, THGL07, TAB+16, TVK95, dBTdSS08, VTZ+17, VMB+08, WFTY+19, WHB01, WL08, WLT+09, XLW18, XHW99, YCLY13, YCF+13, YZJ17, ZP06, ZCY+16, ZL17, dCPV10].

predictions [JFG07, MS03].

Predictive
[LV97, LMYMG08, PJT+17, CS15, HWHM02, LH08, RSB+14].

predictor [OLZN13].

predictors [Gla00k].

preemption [Kim17].

preemptive [FSPH+16].

Preface [MS17a, SLR16].

Preference [FFV19, Sca88].

preferences [LS05b, MLD16, SPLW17].

preferences-based [MLD16].

preferTrust [MLD16].

Prefetching [MJ18, LZCL19, Pon03, Pon06].

Prefetching-aware [MJ18].

prefix [ND18].

prefixes [WH99].

preimage [ZL12a].

preimage-cam [PKS18].

present [MKNS06, ZGZ+13].

presentation [ZLZ11].

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

preservation [LCLF13, ZLMN14].

Preserving [AAH12a, MCV16, BSKM13, BKS14, BJ+11, DEA+14, HL11, Lin16].

Press [LZ07].

Preventing [CLW05, WS12].

prevention [Abal3, BRG+12, CC07, CCKM09, KHC16, LCLL07, WAWO12].

price [LZL+15].

pricing [AB10, LZO+16, Oja16a].

primary [HMC98].

prime [Gla96h, CG15].

Primer [LZ07, AV04, AV08].

primitive [LCLP16].

primitives [HZ15].

Principle [Z9X4].

Principles [Boe83, LMGHB17, Lok04, PW87, BGS+16, 0MA03, BDA+02, BPSK18, FJ98, GDFFPG+10, ZMK12].

print [KPS10, PKS18].

print-cam [PKS18].

print-scan [KPS10].

Prior [SL80].

Priorities [Let00, BS09, Ha88, Liu98].

prioritised [HLM87].

prioritization [AWSE19, CZC+18, DvDA+13, HMOK18, HCC10a, HPH12, HLLS13, HCT+15, JG08, JC15, LZW+12, MCTM11, MKS+18, MB17, PSS+16, PSEE12, PMB15, RST98, SPLW17, SB12, SCC16, ZCT+09, SD16b].

prioritize [WZY+18].

Prioritized [ZS16, PD16].

Prioritizing [FWP93].

Priority [HYA11, LLL00, LSV+06, RCSR93, AKA+15, BRC09, BCF+05, FHL+15, FSPH+16, GAK92,
Hač92, HC01b, KSN17, Kim17, LCLS16, LZi3, LHSK06, PNK96, wZfG14b, doCS13.

*priority-aware* [LZ13].  *priority-based* [HC01b].  *PRISMA* [ARS10].  *Privacy* [Chr16, DEA+14, SY16b, AGBD14, CDS10, Cho04a, CRKH11, CHL08, ECRVMS11, Lin16, MXZ11, MIKG13, SLZ12, SGBCP12, TKH+11, WSIJ14, YSY+16, ZSM05, BJK+11].  *privacy-aware* [AGBD14].  *privacy-enhanced* [TKH+11, ZSM05].  *privacy-focused* [WSJ14].  *Privacy-preserving* [DEA+14, Lin16, BJK+11].  *private* [CHL+13, GPSS+13, KUK07].  *privilege* [HBM19].  *Proactive* [DM17a, HLW08, LR04, BDDG04, SKK+18b, SKK+18].  *Probabilistic* [FZHS95, AMP12, DC11, DK15a, HM09, HN17, PACH15, SOGI03].  *Probability* [HP90, LS07, MSGGL12, RCCVB11, YXP+18].  *Problem* [Chr86, Glao90c, Nit98, Ane91c, BCV06, CH09, CJT04, Dar02, DSSL09, EK12, Glao89d, Glao91i, Glao97h, HR95, HCDJ08, KK17b, KEKO4, MJ14, MARD16, PS15, PA99, PV94, PW03, SS15, TNAAO1, Wj03, XJZ+15, ZJZ+17, Zho00, ZGL+10, CKL12].  *problem-oriented* [Zhu00].  *problem-prone* [TNAAO1].  *problem-solving* [DSSL09, KK17b].  *Problems* [BB81, MPS86, WB99, AR17, GH04, JE02b, JK12, KSENM17, KRHZ05, LL07, LCL+12, SYBN12, TTR+13, VLL18, VHL14, YF15, vGB02].  *Procedural* [WV11].  *Procedure* [SAASA94, ZMK96, AP09, AK15, BKSIM13, BKSM14, KIKMT96, SD02].  *procedure-oriented* [AK15].  *Procedures* [KK81, OS87, Mil00a, Ski13].  *Process* [APL95, ANB93, BH02, Biho90, BBO96, BW93, CT94, CB91, CP97, CGA08, De 97, DLS94, FWP93, FG94, Gla88b, Gla93e, HBCc94, HF08, HSPD14, HHSR94, Kun91a, La97a, Lan90, Lee93, LCF08, LAHS97, MMB10, PM90b, Phi81, RW01, RY93, SL96, TM97, AKH12, AAMS14, AAGT16, AK08, AHLH16, APW14, AL05, AAN11, AF16, AMCG14, ACDG02, BKZ+06, BW+18, BH03, BM05, BHB+05, BBA10, BGLG13, BBK+07, BM00b, Cgp+05, Ccc05, CNG16, CC99a, CS01, CHL05, Ch99, CNKL12, CO08, CGSR06, DCAC09, DA07, DJH05, DJ01a, DJ01b, DZV+09, Ebe99, EB00, FDA12, FCSM09, GMMGP15, GDLB16, GW01, HL01, HVK11, HAH06, HHW01, HRS95, HFP16, HFC+01, HRHS09, HBS03, IBM11, JED18, JPKP04, JMP07, JAS19, JMML17, JH01, KKT17, KSKP11, KMR99, KSAR18, KRHZ05, KSFT89, KTF+16, Kun91b].  *process* [LPJ09, LR99, LPM15, LMR12, LMGHB17, LS+06, LZW12, LMNA17, MDOBW+15, MR01, MB97, MSGGL12, MM01a, MAAC17, NWZ05a, NWZ05b, OFR+12, PB11, PCCLDGP12, PCFRP19, PW10, PIG08, PL99, PH07, PPG+10, QK08, RVM99, RK00, RH02, RF+07, RCL99, SC99, SK11, Sca99, SL08, SS14a, SWA+13, SZW+16, SK18, SJK07, TAF+17, TTC15, Uzz13, VLC+17, VKL16, VVA+15, Vis99a, Vis99b, WW09, Wan19, WM12, WL99, WCV+98, WHB01, Wyn01, XLIW18, XSS06, ZADA15, ZyCKP01, ZL17].  *Process-based* [De 97].  *Process-Centered* [FG94, KSKP11].  *Process-integrated* [Bhi90].  *process-line* [BW+18].  *process-related* [CGSR06].  *Processes* [AR94, AS96, BCD92, FFdRG+14, KD91, KL91, Let87, MSB+02, TK87, AHW10, AC16, AM10a, BNvdH05, BRS+18, CFRPC+18, CC07, CXO+15, CBS00, CLF+13, DI01a, FSG+11, GR05, GAW92, Hač88, HH08a, HRN+01, JST10, JR15, KLRW01, LH06, DPS03, Mor99, PRS11, PS00, RH03, RRM17, SMZC12, YLXZ16].  *Processing* [Amb87, Hay86, Lai97a, PD98, Rah92, RW97, Sho91, Tsu95, Unh95, ZEN93, vS83, BLM+08, CK02b, CM12, De 98, DM17a, DWC17, FS19, FGD+17,
HL09, HWR17, KRP02, KAS18, KW00, LWHS05, LCC10, LPP+10, LCH02, Lin12a, LJ99, MLC09, PJ09, RVC17, SHN14, SM17, SK01, Ulu98, UC08b, ZM06.

**Processor** [Par86, RT93, Aha08, Çam00a, CHL04, DCH02, HSR01, MJ89, SK03, TC12]. 

**Processors** [CD10, FG93, ML95, ELK06, Kar94, LCLL07, TXLC12, TCSC04, WWL10].

**Produce** [SG91].

**Producibility** [Car92].

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

**Product** [CBT+14, CGA08, DSB05, EWSA18, Esk89, Lan90, MBCD86, ACS07, AD07, AK08, AKL14, AWSE19, BKS15, BHM12, BBD18, BdMSNO+17, BBS10, BW01, CdSdSG+18, CFAP17, CHL05, CNKL12, CV16b, Del08, DGRN10, DV10, Ebe07, EB14a, EBB09, FL05, FFV19, GMMGP15, GPHS08, GWW+11, HGBS18, HJN11, HF08, HPP16, JG14, KDS+08, KG09, KPS08, LMN10, LNTS19, LS05b, LDL07, LGS+19, Lut00, LG03, MNS13, MC16, MAGIC+17, MD16, NBA+17, NBA+15, NRG08, OGRJ+18, OH15, PLHP+15, PBD+12, RRM19, ROR11, SSS17, SdSdGSN+13, SSAS11, TBG13, URG10, UD10, UIK17, WAG15, WGS+14, WR10, WBBK8, YMM+17, YMM+19, ZR04, dSdMSNO+14, dOSdASG17].

**Product-Form** [MBCD86, BHM12, OH15].

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

**Production** [BCD92, DK97, HBCC94, HF90, Ker92, RV93, Gl97e, HK09, VHFS+15, VHFF+17, ZKL+09].

**Production-Based** [RV93].

**Productivity** [Blu89, Cha95, DB86, FWP93, Gl98b, Gl99, Gon95, GR97, JL85, Jef87, KMO91, Law81, Tauer92, Ano90d, Ano91b, FS01, Gl98c, Gl91f, RSGH12].

**products** [KL07, RHL+17].

**Professional** [Got92a, Mat86, TKS95].

**Professionals** [CM92, Lue92, RZ94, FF89].

**Profiles** [Bai05, CK00a, Cic16, NLSK04, OCC13, RZMPM12, TR00].

**Profiling** [BK17, GJ08, PC10].

**Program** [AS96, BYY87, BL98, CS85, CH83, Eva83, FS91, GA95, HOT97, HL83, HB89, HUMT92, HU96, JPO8, KL95, LDN87, LHe80, LS90, MS81, Mar84, Mil89, MD91, NB93, PW92, RBCM91, SdC93, SKV94, TZ92, WBR90, Yan94, Zho93, Alz08, BHH+10, Bra89, CS16, CH07a, DDF+05, DW14, DS04, EKI2, FTAM09, HBD03, JCK+17, JRO12, Kan95, Kri06, LNY06, LLL17b, MM19, OR00, PCDG02, RSS00, RBB9, SZ11, aSRZ+18, TL89, WHL39, WGH00, WQ06, XST18, YLYL17, ZG00, ZC06, ZCT+09, Qu94].

**Programmable** [CBC14, AYZ10].

**Programmer** [KMO91, OS87, MI07].

**Programmer-Nonprogrammer** [OS87].

**Programmers** [AP97, Gl97c, MI07].

**Programmes** [LLM+17].

**Programming** [AHG93, BF81, Bla87, BSDD14, BCFS86, BN90, CS85, CH83, Coh81, DG80, FM90b, Gan91, Gl90b, HL93, JLS5, JBR1, Kom88, Kor83, Kus90, Law81, LIT90, MO90, Nel81, OCS1, PT91, SCG+93, She90, TK87, WM90, WSD81, AR17, Ay94, BCFP19, BB89, BDG13, BS12, CDM14, CCR14, CLX+04, CCG+10, CC94, CP88, CAG17, CRS84, De97, DBO05, EL88, FMSG08, Ge15a, HBM05, HCDJ80, HBVG08, KBDGAW16, LHJ10, LF91, Li98, Li99, Lok06, MNO18, Mat96, MI05, NBR+13, OCCN89, PN14, Phi98, PTF+15, RAJ94, RA15, SG12, SMCL96, So87, SPTC18, SW88, TW08a, TKA+02, Wen03, YLC18, KCS08, SJ05].

**programming-level** [Ge15a].

**Programs** [AR90, BAH96, Ber93, BBC+88, BK85, B91, Car96, Dil91, Fer93, Har95a, KM92, KML94, KLG96, KGH+96, L'E87, LTH97, LZL97, LK93, Lok96, MGJST7, Rey84,
SBM94, TL96, UH96, VPM93, WNHM86, ASdMGMM14, dSACdLF17, BdADH94, BB89, CCDDO0, CL18, CCHT90, CLSC98, CLsa01, CDP05, DOL^+16, EOM95, ECS15, ES14, EKV05, EED16, FS05, GPMI13, HBB^+99, HCC91, JPK00, LMH10, LVMM07, LAH^+16, LMYMGTM08, MKM^+06, Moo98, MNN12, PJK13, Ray97, Rot97, SÅM17, SeMC02, SM16, aSRZ^+18, TKJ16, TLZ^+16, VB99, YWWS10, dSF12.

progress [DHJ05, HH17, WT89].

Progressive [HHH10b, YCWW15, JHYK10, FMR15].

Project [AH90, AH93, Ber81, Iso95, IKCN91, KT85, KK81, LM94, MM95, MK90, Pu90, RB93a, Tai00, WR93, AH88, ASMN15, ACB18, APCS10, BM05, dOBWT04, BJK06, BDGR01, CS19, CBAV16, CC11, CdOBT07, DB06, FY04, GL14, GGC16, Gil88, GLH90, HM16, JSL16, JK00, JKWL09, Jor16, JR15, KWT^+00, LS17, LMIV15, LPS02, LXG09, Lin99, LSD^+16, LB06, DPC03, MS03, ML03, MR01, McB08, McD02, Moy00, MH04, Mur99, NLSK04, NLS^+07, NBF16, PCV^+08, PKR01, PCCK18, PVSG05, PV06, Rog94, RKK16, RRT01, Sai07, SSF15, SAR15, SS07, SSCD08, Sta10, Sta09, SJK07, dBTdSS08, VLL18, WK15, XHHW99, YAY13, YFZ^+16, Hei95, Not85b].

Project [Sta83].

Projects [Blak78, Eli92, MRW^+94, OT92, SM92a, AS10, AAI12a, AdB17, Ban08, BC89, CB16, CFML11, CC08e, DvdVA^+13, DL99, FN00, FHT07, GC13, HH07, Jor14, KP10, LMA15, LMA17, MSB18, MAH18, MVSG18, MOHB08, PD16, RSB^+14, RSB^+16, RR09, RCVB11, SS98, SSA08, SNDC13, SHHL12, SM07, Uzz13, VGSN18, WKB017, dOSDaSG17].

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

ProMARTES [TAB^+16].

Promise [SCG^+93].

promised [HS11b].

Promising [KCK^+98].

promote [GMMGP15].

Promoting [DIP98, GRBNA10, dVRB13].

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

ProMARTES [TAB^+16].

Promise [SCG^+93].

promised [HS11b].

Promising [KCK^+98].

promote [GMMGP15].

Promoting [DIP98, GRBNA10, dVRB13].
prototype-based [RO13b]. Prototypes [Bel91, BM93a, ICKN91, CTZ92].

Prototyping [BJK06, BG96, CLCY04, LVB+93, Sch91, SSK08, VC97, Zho94, CDS99, CH10c, DZRH04, HCS94, HK98, Has98, LCZ98, WK04]. Provably [LH11a, YC12, ZG10]. Provide [Por93, ECRVMS11, LLW12, WL17].

provider [CWJK13, DST+04, JKD02]. providers [MIKG13]. Providing [Cho04b, Hen88, HH17, Lin07, TE99, KBH07, MCV15, TYH04, CX10]. province [GV10]. provision [TDK+07]. provisioning [KUK07, KAK+13, MPLL18, RT07, THWC10, WZJ14, ZDC+11]. PROW [LPP15]. Proxy [RMC05, TLK+16a, CE08, DK01, FSGW11, HNS12, HWW01, HC04a, HLYL06, LT09, LCLL08, SCL07, Sha09, SLZ12, SV12, SHT05, SYXM11, WC07, WHY+12, WYL06, WL09, YTH04, CL13]. proxy-based [DK01]. pruned [PC02, WQJZ10]. PS [CDRT13].

PS-QUASAR [CDRT13]. Pseudo [JC10].

Pseudocode [Sca88, Rey89]. PSO [MA17, TLL13]. PSO-GA [MA17]. PSP [RZL+18]. public [BCW05, CWH00, CMK+11, CHL+08, EHHK04, LC02, Nec96, RPSL10, WH03, YYS+16, ZSM05, ZMN05]. public-key [RPSL10, ZSM05].

public-key-based [Nec96]. publications [SM06b]. publish [CDRT13, Gla96e, HBG+13, LJC16, LVPMPCLS13, RMD11, YSK06, YSK09, LJDK10]. publish/subscribe [CDRT13, HBG+13, LJC16, LVPMPCLS13, RMD11, YSK06, YSK09, LJDK10].
publisher [SO03, Ana11m, Ana17m]. publisher/subscriber [SO03]. Publishing [LC06b, VGM13, CCC05]. pull [DF99, LMPM18]. purchase [LS05b]. pure [OK11].

Purpose [Yua90, KL10, KM11, Ozk97]. purposes [LH01a]. pursue [RHM+18]. push [DF99, MV08]. push-based [MV08].


quad [LBB10]. Qualitative [San16, GFP17, PV18, RH03]. qualities [PSZ17]. Quality [AJG+15, AS16, Bev99, Bol97a, Bol97b, CLH+13, DR92, DB86, Esk98, ELHC13, FGB10, Gla92b, Gla92e, Gon95, GA13, HG91, Hon90, KHS1, KKL09, KKK08, LV97, MVJ18, MVSG18, Pref95, RB93b, RV91, RV92, TKM03, Tak97, TS81, WNC17, YHZ+09, ZE03, dBV03, ABG02, Ana87f, Ano92f, AHOP14, AAC+17, BDD+15, BGG09, Ber94, BLLGBMB11, BAML07, BL03, BWD00, CB16, CFML11, CdCAdO18, CC08b, FMP09, FOR19, FFWE17, FG15, FS01, GMM15, Gla92g, Gru07, HBG+13, HJJN11, HNN15, HCS90, HPF16, HK09, HCC08, HWHT11, HTH13, HKS+17, JLMG17, JMP07, KGB11, KSH05, KCO9, LAT10, LJA+11, LWZ+16, LSD+16, Liut98, LKB06, LMNA17, LCM+04, MII00b, OWG19, OGG13, OAZ08, PS05, PCZ12, Pla95, RST98, SBA97, SJK07, SKF17, TQ05, VSS+11, WWTH08, Wey99, Wij03, WKH11, ZTCZ16]. Quality [ZGYS+15, ES97, Gla91d, YDGB+12].

Quality-adaptive [CLH+13]. Quality-driven [ELHC13, KKL09, TKM03, dBV03, LWZ+16].

Quality-of-service [KKK08]. QualityScan
Quantifier [Bra96].

Quantifying [ACG15, HFE10, KAL97, KSFT89, ST07, WGH00].

Quantitative [DLS94, Dha95, DL99, GJ08, HRSS95, Lan90, PS00, SS04, TLP95, AdAD17, CSF14, GTF15, GTF17, HCC08, KGG18, Liu98, LSaC04, MGvFGCB10, RH03].

Quantitatively [nPHW16].

Quantities [KLNS07].

Quantification [CL06b].

Quantum [AR18, LyWS10].

QUASAR [CDRT13].

Quasi [WMWZ12, CBL15, KKH16, MWM12, MRT17].

quasi-deadlines [CBL15].

Quasi-static [WMWZ12].

Quick [KK81].

QuickFuzz [GCMB17].

quite [BG06].

Quo [MWH97].

Quorum [NM93, KTK01].

Quorum-Based [NM93, KTK01].

Query [RT93, ACL13, BLM08, CH11, CK02b, DCAC09, DII17, GLWY10, HL09, ILZ13, KRG00, KRP02, LPP10, LZX59, LK04, LCC10, MNP15, PSK05, SED16, ÚDUG04, VLB04, ZIL10, vDBK94].

Query-based [DCAC09].

Querying [ILZ14, CNG16, MIUM12].

Quest [SW94b].

question [LH98, PMWC12].

Queue [MR86, BCF10, SM03].

Queueing [BBG86, BDMK03, FMP86, Hac86a, MR86, Mue86, RCD93, OH15].

Queues [ Cla86, Hac92, KSN17, KMO09].

queuing [MB19].

Quick [KK81].

QuickFuzz [GCMB17].

Re [HLL01a, LZ06, PSZ17, PDBD18, Rei87, Rei90a].

R-Chord [LZ06].

R-SHT [PDBD18].

R-Tree [PDBD18, HLL01a].

Race [Bri92].

races [TKJ16].

radical [Gla95e].

Radigost [MIBV14].

Radio [AAJD16, AMAY19, BPO06, BMES04, HL00b].

RAID [LKL05, Tho06, YTW13].

RAID-0 [LKL05].

RAID-structured [YTW13].

Raised [Mat86].

raising [LCT10].

RAIDCloud [LLGZ13].

Random [CMKT10, MGM10, MT97, WS12, YCG14, CL09, CT11b, CLH13, CZC18, GP10b, GLW13, HZH16, MRBN17, PJ09, RG10, YWEL13, FSS13].

randomized [JC15].

range [Cho13, GSN15].

Rank [TC93, AKB11].

ranked [GZS18].

Ranking [GS07, Çam00a, DH13, SM06b, SED16].

ranks [AN10].

Rapid [CD99, DZRH04, FFWE17, GD04, TGBF17, WKL04, Zho94, CCG10, KSH09].

rate [YHHR03].

rates [DV11].

rating [KHZ05].

ratings [PQBP16, XWZC14].

ratio [JZ07].

Rational [Gla93e].

rationale [BL09, LICA09, TBGH06, TJH07, Xia13, BB08].

rationale-based [TJH07].

rate-control [CSG10].

rate-dependent [FBB18].

reachability [CH86, NS92].

reachable [TS89].

reaching [Gla97].

react [RMD11].

re-encryption [FSGW11, SLZ12, WHY12, GRR16].

re-binding [FSGW11, SLZ12, WHY12].

reachability [CHR86, NS92].

reachable [TS89].

reacting [Gla97].

reaction [DF99].
Reifer [Rei90b, Zac90b, Zuc90a].

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

rekeying [SA11, HLT09]. related [CPD+18, CGSGR06, HH08a, JNY84, JK12, Lut96, MS16, SCL13, TLZ+16, WCC13, ZM18]. relatedness [LBX12]. Relation [CPX16, BCD+18, HSL14, JKWL09, LC08, MC01, vdRBSvV10]. relation-based [LC08]. Relational [Bra96, JN84, Pop92, SKS96, Uck91, AJCM08, BGTC18, BL11, CDOP15, HMP99, JK13, LLC+09, MLGA11, Phy05, SZS13, TH02, VGM13]. Relations [MSI90, HN17, JE02a, SZPMK04, TSRC18, ZKL+09]. Relationship [BTT84, CH94, JN84, JP94, MR84, Sak84, BDD+15, BGH+08, CTKT13, Cha06, CPW98, Eri92, FHL+15, Gla89i, HZ79, IBAH12, JNY84, HU01, Kuo94, LLK09, OBS+18, VLL18, YLC08]. Relationships [Dol07, HBS3, BWDP00, CC06, CGSGR06, GD12, GMGTdFR14, LLL17a, MER17, PPMM14, PSZ17, RB99, VAJ18, YL09, vAAJ16]. Relative [HS95, MK90, YHHR03]. Relatively [Sca88]. Release [Leu92, OG80, Hua05a, LS07, MXZ11, PS15, SL08, XH98, YLX26, ZP17]. releases [AT18]. Relevance [KCB05, NAB+13, TTR+13, FMR11, KY08, WR99, YL09]. relevant [JG08, Lai99, NBH19, TCC15].

representations [KC98, CSM15], representing [SCS15, XLN+15], reputation [KWME99].

representative [CSM15, LTK+15, OSH+18], representing [SCS15, XLN+15].

reputation [KB16, TTT18], request [CLL10, CLG08, JH10].

requests [CdCMdMNdA16, DR12, HYA11, JLC04, KKS03, KV05].

required [HH97, ABL16, FSGYP17].

requirement [MD16, PLGT10, XSS06, CCK02, CJKC09, KSS03, KV05].

Requirement-based [PLGT10].

Requirement-driven [MD16].

requirements [AM81, AB90, ABB15, ANB93, CB95, CBV07, CNMR18, Del92, DF84, GMP94, Gom95, HHSR94, HKvvdV07, JP94, Lan97, Lan98a, Liu93, LZLC17, MvS95, Sam93, Wall91, WPL+18, ASS07, AS17, AGR19, BKS15, BHH+05, BS09, Byer95, BvC06, BHL00, CMT02, CKL12, CREST+13, CFA+19, DvdVA+13, Dan17, Dav95, DB06, EK00, EBB09, EGM+11, EUR+13, F08, FCSM09, FSY+11, FF89, GMS15, Glau00k, GKV14, HJP15, HRN+01, JOZ03, JKLW09, JTW98, JC10, KKP06, KPS08, KMWL12, KMKY07, KJLR10a, LKH+18, Liu98, LSV+06, Lut96, LM03, MLB09, MPTT14, MVG18, MFM10, MPL+15, MIKG13, Moy00, NDG80, OK18, OWG19, PG12, PD16, PILO06, PBM15, RO13a, Rav81, Rey07, RHM+18, SCMS15, SA14, SJR+11, SPLI17, DSSV11, SZPMK04, SMK+18, SG01, SRBT18, SP06, TKP+18, TL09a, UGFK15].

requirements [VVA+15, VCMG17, WLD16, XYL17, XZAR06, YKC+05, YFT+15, ZTCZ16, ZJDB02, ZHGL11, dSmMSNO+14, dBV09, DMP14, FFWE17].

requirements-uncertainty [Moy00].

resampling [MA08].

Reschedulable [CCSC01].

Reschedulable-Group-SCAN [CCSC01].

Research [ACS13, BKW10, KSW93, MRW+94, RGV04, RA91, SB88, Wei79, Wey01, Ano87d, Ano13a, AS16, BP13, BPSK18, CC08a, CBT+14, DDMP14, DFG+13, Fug99, Gla86, Gla91g, Glau95i, JDSL16, KKB11, LCM+13, Man16, PTRW04, PKB09, RST98, RPT19, Sni98, SFJ04, Tan00, TTM19, VHFST15, WD07, Wie14, WDMR99, MD89, VCB+18].

Researchers [Hen88, Glau95g, VEM+01].

researches [Lai99].

ReSeer [WXZ+17].

Resemblance [ZHH+17].

Resequencing [Kar98, Kar00].

reserved [Ng99].

Residence [VLC99, PDL+16].

Resilience [MvS95, PDL+16].

Resilient [KPS10, MMSM13, TC06, YKC+12, YLZ+16].

Resistant [HCC10b].

resolution [DBCdP11, DK15a, KPS09, HC16, ZXW+08, Zw90].

Resolving [CA87b, CA87a, KRHZ05, LKL02, Lin01, MKS+18, KMM89].

Resource [AD14, BB81, Cho95, Coo90, CDPM17, FMP86, KMSM10, KK11, KSH05, LYC04, LRS+07, LCLL07, Sch81, SG89, Zel88, Zha08, ZCT+09, ZR87, Zhu04c, ACRD19, AM04, AK15, BHAM09, BV15, BK17, CLY17, CYT16, DXPY03, DM17b, ES14, GP05, GHBD+16, GWW+11, HSM+07, HNH15, HjvW08, HLW+15, HC01b, HL06a, HLWS13, KP07, LK09, LBS+07, Leu97, LSH09, LZ06, MCC+18, MA09, MK06, MAS13, NEM17, NK15, SRDLCP09, SWES16, TY18, TLW07, THWC10, WDCLO8, WDC12, WAWO12, ZWC+19, Zhu04a, fLSN18, vV10, vdSEK+07].

Resource-allocation [Leu97].

resource-constrained [KP07].

Resource-Deadlock [Coo90].

Resource-oriented [KSH05].

resource-restricted [NEM17].

Resourceful [GH02].

Resources [Ha86a, Ha93, AHW10, JSLN16, MSAH16, SCO13, Sko14, ZXW+08, Zhu06].

Respectable [NER01].

Responding [DG92].

Response

Responsibilities [LIC92]. Responsible [FJ92]. REST [AK15, CPDM16]. Restoration [RW00, VVS99, WC02]. restoring [CL06a, WCH03]. Restricted [BS86, NEM17]. restrictive [CZL07, HH08b]. Restructuring [KB98].

Restructuring [HL83, Lee07, LZN04, LZX06, TL89]. Results [AH90, AM94, CBOR88, DL06, Gla90a, Lai97c, LL15, MR10, LZN04, LXZS06, TL89]. Revealing [GGM11, Wi10]. revenue [Oja16a, TYH04]. reversal [ULN06]. Reverse [BCD92, MAGC+17, SSSA17, WCV+98, ADZ+09, An96m, BCR+19, BM00b, LHLG+15, vDB05]. reversibility [KC09]. Reversibility [CL06b, CSS+13, FF12, HCS09, OLZN13, AMK12, CCY+09, CNL13, CT11a, HC10, HTH13, JK13, LCT10, LCLF10, LNO12, Lin12b, Lin16, LTW16, MM14, PWLL13, TK14, WCLL09, WYCC13, WLC13b, WLT+09, WOLS12, YWHL11, YCYL13].

Reversely [MKH+12]. Review [CVP13, GCAH18, KCK+98, LL85, SKT17, UB19, AAGT16, AKAA18, APW14, ALRP16, BW16, BKS15, BMB18, BBK+07, CFL+18, CP15, DPL16, DBCG14, EFG+08, GJ16, GNA17, GA11, HJ00, IHA16, JED18, Jor04, KGB11, KNA11, KG09, LFW15, LL15, LZO+13, LC06b, MWM12, MH13, MRT17, MGT18, Mü105, OGRJ+18, ÖT18, PG12, PFG13, PMB15, RAK15, RCL14, SNL16, SRJL+18, SLB14, SN07, TTJ+18, TTM13, TL14, TPKT12, TCS18, 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, Is01]. Revisiting [Man16], Revocation [ZSM05]. Revolution [BCF18]. rich [BCF18]. rich-client [BCF18]. riddle [FLS18]. ridge [LXG10]. right
Safety [BDM+19, CFK01, FM93, GC94, LSD95, LD07, MV95, LD04, KP04, KHC16, LKJR10a, LKJR10b, LM96, Lut96, LM03, Ost92, PG05, RO13a, SGC+17, SS04, VCMG17]. Safety-Critical [GC94, LD95, GD04, LM03]. Safety-Oriented [CFK91].


casted-out [KCR16]. Scaling [KGW12, AR17, CS12, DvV+16, Kas18, LCL15, Wie14]. SCAM [DHKV06]. scan [KP10, CCSC01]. scanning [LCLL08]. ScapeGoat [GHBD+16]. SCARAB [CMS04]. scarlet [Gla00b]. SCC [KMK17]. scenario [BW01, CLSC98, DK15b, HRD10, KKP06, LSBA+08, PILO06, SCMS15]. scenario-based [BW01, SCMS15]. scenarios [JBJ03, BRS10, JS13, KCV11, MSHG18, RR06, SSF15, TSA08, WPP+09]. schedulability [FBD+18, Kim17, LS14, LHSK06, SLS08]. Schedule [AH90, YY04]. schedule-based [YY04]. scheduler [AR18, FSP+16]. schedulers [HN17, LFCL12]. Scheduling [CZ91, DK97, Ker92, LZL+15, LG05b, LZ+15, MC91, SK17, SK10, WWC97, ZLD13, ZRB17, ALR16, BLS18, BLL02, BNGS05, BJ+11, Çam00b, CCSC01, CCSC07, CCM09, CCL10, CZG+15, CYT16, CT94, CK15c, CBL+15, DTV+16, DR12, FHL+15, FY17, FBC10, GH04, GBC16, HyLW+12, HTK00, HZG+12, HY11, HY04, HY11, KC16, Kar01, KSN17, KCS01, Kim17, KCV11, LL00, LC05, LSL11, LS14, LCLS16, LS17b, LFO8, IWC+18, LSM11, LKL05, LHSK06, MM00, MMZ+16, MCKA18, MK15b, OW04, PK10a, PNK96, PK01a, RIF10, ROFGFRM13, SRS15, SZB+17, SLW+15, sSSJ08, SA05, TKJL13, TKJ15, TDCF16, TC16b, TSSD09, TSPH06, WWC00, WDL+10, WMW12, WX10, WCI11, WC9+17, Yoo09, wZG13, wZG14a, wZG14b, ZW15, ZCC+17, ZGHL11, ZGSH13, ZK09, dOCS13]. Schedulings [BAH96]. Schema [Sak84, KSKP11, NTRN11]. schemas [CT09, DZW+09, OT17, RB99]. Scheme [CT97, TC93, W93, ABa06, BCF05, BMM11, BCL+18, CC09a, CBS16, CCSC01, CL06a, CL06b, CWP09, CCLL11, CLN13, CH10a, CT11a, CW14, CJT01, CK00b, CHL+08, CW09, CE08, CD207, FC12, FWTC05, GJ13, HSPD14, HW01, HY06, HL13b, HC04b, HH06, HY95, HLL01b, HCC10b, IB11, JC98, JW06, KBD09, KCC09, KKL11, LC10, LSR13, LCL08, LHZX12, LH11b, Lin12b, IWC13, LCC+13, LWW+16,
LJM11, LW13a, LWL09, LTW16, LY18, MV05, MV06, MK06, MK$^{+}$18, MIUM12, NNVD17, PTM08, Pen11, RPSL10, SKZ$^{+}$04, Sha05, SCL07, Sha07, Sha09, mSgFtL05, Shi10, SH98, SGCP12, SV12, SYXM11, TK14, TW07, TLL13, TLL12, TH02, UUN11, VHL14, WZ01, WL05, WF07, WCLL09, WWYZ11, yWpNyL11, WH03, WL09, WLT$^{+}$09, WKI11, WOLS12, WS13, WOC15, XY02, YTH04, YWTW11, YC11, YCC16, YCO8b, ZC05].

scheme [ZM12, ZADM10].

Schemes [TL95, AQK11, CWH00, DDD14, DRA99d, GPM08, HKY01, KTK01, KM04, LU06, LZG07, LW+$^{+}$18, LHYZ12, NsL00, OL06, PSH06, PCHW12, Rom98, SHT105, VM00, WMWZ12, WY06, YZG$^{+}$13, ZT14, OS09].

Scholar [Won10].

Scholars [Gla96a, CLL14, Gla94a, Gla95c, Gla97a, Gla97j, Gla98b, Gla99a, Gla99b, Gla00c, Gla00d, GC01, GC02, GC03, GC05, KLA$^{+}$19, TCG06, WTG$^{+}$08, WTG$^{+}$09, WTG$^{+}$11].

Science [CA87b, FM90b, Gla92a, KMM89, LIC92, TLPH95, CC02a, CA87a, CA89, CA90, Fle95, Gla89c, Gla97e, HG18, KMM91, LVSL81, RGV04, SZZ06, Sta02, VB99, ZL06, Zwe90].

Scientific [Kel15, KSW93, LC02a, Re90a, ALRP16, GE15a, Ke09, LNW$^{+}$11, Rya13, SZZ06, Sta02, VB99, ZL06, Zwe90].

scientist [Gla96e].

Scientists [LIC92, HG18].

SCOOP [MN12].

Scope [MB17, AKL14].

Scooped [MB17].

Scooped [LMvV09].

Scoping [DFG$^{+}$13, dSDMSNO$^{+}$14].

Score [GCS$^{+}$AddP11].

Scores [Hus01, SA18].

Scoring [RPL97].

screen [CTL12, EAH$^{+}$11].

scripts [Chn97].

Scrum [RKK16, VWSB13, PP+10, SRSC16, SBAH17, VcSvV16].

SCRUMIA [vWbS13].

SCRUMIA-Ann [vWbS13].

SCTL [VASC$^{+}$04].

SCTL/MUS [VASC$^{+}$04].

SCTL/MUS-T [VASC$^{+}$04].

SDH [GMS11].

SDL [WSQM05].

SDN [MCC$^{+}$18].

SE [IZ18].

SEAL [LLY07].

seamless [hCSW$^{+}$04].

Search [AWSE19, BWM06, CCH09, CVGP13, KOL$^{+}$14, OO08, AAM00, APT$^{+}$12, BL11, CCY11, CLL99, ECRVMS11, FLA$^{+}$01, Gl95e, GZS$^{+}$18, HNH15, HG18, JC15, JRSN10, KAU16, LM15, LCO00, LHLG$^{+}$15, MFTP18, MCV16, MGR16, MSGM17, ND18, PM99, PMPH13, RR19, SSI5, SBA97, SED16, WHY$^{+}$12, WAG15, WXZ$^{+}$17, YZ08, ZK04a, ZC08, ZGL$^{+}$10, HLS$^{+}$13, HC15].

Search-based [AWSE19, KOL$^{+}$14, OO08, HNH15, LHLG$^{+}$15, MFTP18, RR19, WXZ$^{+}$17, ZC08].

search-centric [CCY11].

search-order [CH09].

search-order-coding [PMPH13].

searchable [KTT$^{+}$17, RPSL10].

searches [An091c, Gla91i, PTK00].

Searching [Tan96, TP0$^{+}$09, MUS03, TBC$^{+}$16, ZG10].

Seattle [Mil89].

Secondary [Kus90, WK88].

secrecy [Tse07].

Secret [CT97, EA11, LT04, WS13, CT11b, CLH$^{+}$13, CW14, EEAZ12, FWTC05, GLW13, HHH10b, HLC99, LT13, LyWSZ10, LHYZ12, MB11, UUN11, UUN13, WZ11, WS12, WOLS12, YWEL$^{+}$13, YC11, YCC16].

secrets [DM07, TCC02].

Section [BKW10, BCDM06, BFLZ13, KB07, LW02, SLR16, SL87].

Secure [GZS$^{+}$18, JT97, KMS04, LH11b, RMC05, SCH05, ALT$^{+}$09, ABFM12, CDA11, CC09a, CCLL11, CW14, CH10b, CL13, EZOK14, FS06, GKD13, GRBNA10, HL09, IB11, KKH11, KLGH07, LHYZ12, MB11, UUN11, UUN13, WZ11, WS12, WOLS12, YWEL$^{+}$13, YC11, YCC16].

Security [DM07, TCC02].

Security [BKW10, BCDM06, BFLZ13, KB07, LW02, SLR16, SL87].
security-engineering [VHF02]. SEED [KKP12]. Seeding [HOT97]. Seeing [GW10]. seek [CCSC07]. seeking [KJ01]. seem [Gla96g]. segment [WGW +09]. segmentation [HHC12, KSRD10, ST11]. Segmented [ACGS +08, CGSGR06]. Segmenting [AHLH16, KSRD10]. SEGRAS [Kr¨a91a]. SEI [BT05]. SEKE’01 [VE03]. SEL [RUV92]. select [WHYT06]. Selected [DHKV06, LH12, Sai09, Bor12]. Selecting [CCD +04, DF00, MS97, RSB +14, WDS09, LMPM18, Ozk97]. Selection [AHC +11, CL07, DAS6, Fra90, Jar10, LH90, MM97, Pas96, Vel87, Zvi93, AM10a, BWW +18, CPR13, EFSMJ17, GPMI13, GWW +11, HJ12, JS11, KNAI11, KLC02, LXG09, LQLW12, LTK +15, LWZ +16, LNTS19, Lo05, MBB01, MK08, MSA08, MK15a, MB17, MIKG13, MAAC17, NDM80, OZO +14, PB15, PBM15, RAK15, SM00, SSP17, TCK14, TC16a, VJB06, WHL89, WQJ10, WGC +14, WCX15, WXY +17, WH15, Zha12b, MGM10]. selective [LW13c]. selectivity [HLW08]. Self [ABB15, BJ11, BBD18, BM17, CHLW17, EK12, GBH +16, HWR17, JS16, PCY12, SRT +12, Sha07, ARS17, BS +18, BCW05, BDK08, CCdL +16, CV16a, CWH00, CPYZ14, CG12, CT194, DWC17, FCB +16, GSP +19, HPT07, HGP +12, HM16, KKS +12, LL06, LTL13, LY01, LZR16, MKS +18, MCS +12, MAS13, PCH12, PSM01, PPMM12, PDL +16, QXYL16, SB17a, SGEK19, TJT +18, WMAS12, WH03, WL09, YXP +18, CV14]. Self-adaptation [BBD18, GBH +16, JS16, CCdL +16, CG12, FCB +16, GSP +19]. Self-adapting [BJ11, HGP +12]. Self-Adaptive [ABB15, CHLW17, HWR17, ARS17, BS +18, KKS +12, LZR16, PPMM12, QXYL16, SB17a, TJT +18, WMAS12, YXP +18]. Self-Adjusting [CV14]. self-admitted [BK +18]. self-authentication [LT13]. self-aware [SGEK19]. Self-certified [Sha07, BCW05, CWH00, LL06, WH03, WL09]. self-configuration [MAS13]. self-contained [LY01]. Self-control [EK12]. self-correcting [CV16a]. self-managing [PCHW12]. self-optimization [CPYZ14]. Self-organizing [BM17, HM16, PSMB01]. self-reconfiguration [PDL +16]. self-scheduling [CTA94]. self-stabilizing [BDK08]. Self-tuning [PCYZ12, SRT +12, DWC17, HPT07]. selfish [GAT15]. SelfMotion [CGPT14]. Semantic [BG06, DH13, LZ07, MJF10, MR84, MV93, MM93c, Pon06, RV17, VM93, XLM +15, Zhu06, MPG +08, BDO11, BKS13, BKS14, BFPAGS +08, GMLSF +15, GPL +15, KKLC12, LPM15, LZ06, LTX12, MTF14, O’B08, OCCC89, RHRC13, ST13, She89, TJH15, Zhi04d, dBe08, AV04, AV08, DJW08, EZRK16, KM17, KR14, LICA09, TTM13, VGM13, ZLT10]. semantic-based [GPL +15, LZ06]. semantic-preserving [BKS13, BKS14]. semantic-web [RHRC13]. semantically [CdR +14]. Semantics [HMG96, MOD +19]. semantic [MP95, BCF18, Cic16, GKV14, GHKR04, KNYS09, KZDX09, LLK05, LLLK12, SK18, YBE17, ZC06, Zha16, ZL06]. Semantics-based [MOD +19]. Semaphore [NM93]. Semi [HZ15, BSG +18, CdCMdMSNdA16, GGY +18, KBHG17, OGRJ +18, PPS12, SPL17, VAO8, XB19]. semi-automated [BSG +18, CdCMdMSNdA16, SPL17]. Semi-automatic [HZ15, GGvH +18,
semi-partitioned [XB19], semiconductor [AT18]. Seminar [FM90b]. Sender [HJ90a]. Sender-Initiated [HJ90a]. senior [ABG02, CC11, FHT07]. sense [OFR+12, RMD11]. sense-and-react [RMD11]. sensed [LJMW96]. sensing [CMK+11, CRKH11, Chr16, FF12, HSL14]. sensitive [FSGL12, SG16, WQJZ10, Zha12a]. Sensitivity [Eva83, BRC09, LHC+05, LWW+10, LTW16, XH98]. Sensor [DFCPSF15, AN10, Bar15, BRG+12, BLM+08, BK11, CBS16, CLY14, CNF07, CLF+13, DBCdP11, FS06, HWHT11, HSS10, JLYK09, KPSK09, LCC10, LT11, LK11, LWOY16, LWP+16, LWC+18, LHP+09, LHP+10, MLLK11, MBM+09, MC10, MTO10, MKRO14, NSA10, NNVD17, SGBCP12, TAF+17, TL07, TL09b, ZCT+09, CDRT13]. sensor-based [CLF+13]. sentiment [IZ18, JR15]. SentiStrength [IZ18]. SentiStrength-SE [IZ18]. separability [XY02]. separate [ADTZ12, Deu01]. separated [PCG02]. separation [CCF+04, LWL04]. SEProf [TC12]. SEPS [LH97]. Sequence [ZG10, CJ13, CZC+18, CZH+08, HHK13, HDLK00, WLC13a, WGZ+12]. Sequences [MTW97, KL13, LGL+06, MZJ+10, Pra18, ZYZ+18, ZJC+10]. Sequencing [HL83, LCCH02]. Sequential [AQ90, Sch01, HWLI3a, HHK13, JFC08, LHA+16, SJC13, VH95, KLSN07]. Serfs [Sri07]. serialization [LL00]. series [AGC13, KYPW06, LKL04, LNY+11, SB17b, SKF17]. serious [GSM15]. Server [Wun93, WBM86, ABW07, BHAM09, BLMM10, CCDD00, lHCSW10, CPL+04, EB17, Ga97d, HL01, HCO4a, HWM11, MAS13, NXS00, OFWP07, SKZ+04, SMS94, SLLY17, THWC10, TC16b, TLL12, YS04]. servers [AKP04, CDC09, HH05, MA09, OFWP07, SM03, TYH04, ZG97]. Service [AM15, CNG16, CBC+15, DST+04, EMSU11, HBG+14, HS15, LS97, MPG+08, Nth08, Rv91, Rv92, AJG+15, AT09, AKAA18, AP+14, AM10a, AK15, BBDA18, BMLL14, BMKM15, BZ14, BDBLP15, BVV+10, CT00, CFN10, CDP17, CGPT14, DMO07, DGV+07, DVT+16, DS16a, DYC19, DTV09, DLW+13, FYCL13, FMP09, FSG+11, GML05, GS17, GCDL13, GMM13, HBG+13, HWW11, IYS13, JQL+10, KPTV09, KDS+08, KUK07, KMK17, KKK08, LPR04, LWW10, LPM15, LT09, LQW12, LHF+99, LLZW14, LLWL14, LDZL15, LGL08, LVMPCL13, LY18, LZJ15, LGZ+18, MS17b, MGI07, MSL12, OLV15, OCC12, P02b, PSS11, Pot13, PMN04, RAS14, RBW18, RT07, SW10, SKZ+04, SBTG13, aSRS+10, TG17, TY04, TDK+07, TDL+02, UZ09, WVT+14, WCX15, WXY+17, WC17, WBBK18, WWY+12, WZJ14, XYCL17, YMM+17, YMM+19, YZ05, YGH+08, ZTC16, ZWM+18, ZMN05]. service [ZHGL11, ZHAY12, ZG07, dVRB13]. service-based [CFN10, GML05, KDS+08, LWW10, aSRS+10, WWY+12, YGH+08]. Service-Level [Rv92, Rv91]. Service-oriented [AM15, CGPT14, GMM13, JQL+10, Pot13, WXY+17, dVRB13]. Services [Gas96, LP07, Rv91, Rv92, AM10a, CDEV08, CLL05, CCH14, CC08b, CH01b, CMS04, FdSdP08, GFP11, GPSS+13, JCC05, JRB+06, JSR09, KTT+17, KSH09, LKL+11, LZO+13, LLL+11, LNPGD+06, MGB16, MCTM11, MSA08, Oja16b, PSH06, PWS+15, PGC+14, PHBJ16, PNL07, RHL+17, SRG08, SFMB16, SKK+18a, SOC13, SBB98, SKF17, TTM13, TCT18, TSPH06, VPL+10, WZJ01, Wau19, XPBC11, YDGB+12, YAT11, ZP05, Zha09, ZMK12, MPST06, ZL04]. services-based
Set [CL97, FM93, ML95, SKV94, DW11, LWL+13, SW09, SKW06, VvSvV16, VL94, WHMP99, Wu11]. Set - [VL94]. Sets [BCFG86, LV8+93, MPST06, SS07, SSCL08, TXCX19, WDS09]. Setting [Ano86d, Lea08, NI13, CW02]. settings [Fra07]. SETZ [TTL+13]. Seven [Boe83, Sta93a]. Several [WSD81, JE02b, YL06, ZT14]. severity [SA18, ZCY+16]. SF-PMIPv6 [CL13]. Shade [JBSL12]. Shades [JBSL12]. Shannon [AMS+10]. Shape [KYPW06, RITF+11, HDLK00, LK01]. Shape-based [KYPW06]. shapes [ZERO00]. share [HH17, LMWM18]. Shared [BW95, Ha86a, AHW10, CN04, GAW92, ISS98, Kar01, LUS+00, SBZ+17, SMU98, USLC01, WDC08, Xia13, YYS+16]. shared-memory [Kar00, LF91]. shared-resources [AHW10]. Sharetouch [TCCH12]. Sharing [CT97, FMP86, Sho91, TCC02, AAAC07, CT11b, Che13, CLH+13, CW14, EA11, FWTC05, GGK19, GLW13, HHH10b, HLC99, INS00, LT13, LSH09, LUS+00, LJA+11, LyWS210, LT04, LHL08, LHYZ12, MQG+17, DMO7, SSA08, UUN11, UUN13, WHY06, WKH11, WS12, WOLS12, WS13, YWEL+13, YCYW07, YC11, YC16, ZXG10]. shelf [AHC+11]. shift [Sta03]. shifting [CSS+13, HC10, HTH13, WLC13b]. Short [Sca88, LHZX12, San16, THS12]. Shortcut [Tho06]. Shortening [LZL+06]. Shorter [PPB16, ED06, LMT16]. Should [SW09, ED04, FFDG+14, KM13, ZZ16, Glo89e]. showcase [CMK+11]. showing [RB89]. SHT [PDBD18]. shuffling [Pen11]. Side [KKP12, CL06b, MSA08, XNP07, ZGZ+13]. side-channel [ZGZ+13]. side-effect [XNP07]. side-match [CL06b]. SigDAQ [PK02c]. sighting [Ber02]. Signal [CWK10, LLLZ06a, LLLZ06b, RITF+11, RA16]. signaled [SSK98]. signature [BCW05, BMJ11, CC09a, CWH00, CHT04, FWCS12, HW01, HC04b, HYWS11, KBD09, LH01a, LHZX12, Sha05, SCL07, Sha07, Sha09, Shi10, SV12, SLL12, SHT05, SXYM11, WC07, WH03, WYL06, XY02, YTH04, YKC+12, ZC05, ZM12]. signature-based [SLL12]. signatures [CZL07, GMS11, HRL09, HH08b, JI04, PPB16, THS12, YZC+15]. signcryption [HS11b]. signer [CJT04]. signer-verified [CJT04]. signers [HWW01, YTH04]. significance [FMSG08, Mil04, SK02]. significant [MSGM17, Wu11, YHHR03]. Sim [SSP+15]. SIMD [AT97]. SimFuzz [ZLL+12]. similar [ASMM18, TPN+09, XHH99]. Similarity [HDLK00, MG11, Owc96, CH07b, DII+17, KCB05, YeY98, LBX12, LQC+14, MER17, PXT+13, ZLL+12, DBvV09]. SIMPARC [BAH96]. Simple [KK81, ZR87, vD93, Ayr04, CCW02b, HL01, HLL01b, Kor99a, MT10]. simplex [PS14]. Simplification [OT17, CL17a, CCHT09]. Simplified [BK92, MR83, RRT01]. Simulating [Ree85, CNM18, MK15b, PH06, TVA04]. Simulating [GHK05, MWW98, TB00, BMES04, CS01]. Simulation [AH90, BP86, Chr99, HWL11, Kar94, LG97, Mer87, RW01, Rey80, SW93, WSN92, WNSC96, AH88, APW14, ASE19, BGG+06, CBZ00, CHT13, CNO15, Chu97, CHL+13, CFN07, DB39, DF01b, DL90, ED04, ED06, ELK06, FCS09, GW01, HRN+01, HFC+01, HMC01, HMC98, KMR99, KSN17, mJKE01, LK09, LLY+09, MR01, NKJT09, PB11, PWCC01, PKR01, RVM99, RK00, RCL99, SCGL+18, Sca99, SMS11, SLW+15, SL00, SP08, SG01, Uzz13, VKL16, ZK04b, LAHS97]. Simulation-based
simulations [CET+08, DPP+18].

simulator [DI01a, LSaC04]. Simulators [BAH96, dOCS13]. Simulink [HBT16, ZC08]. Simultaneous [AZvG11].

Singapore [LC06b, PC98a, PC98b]. Single [AH93, Sta09, ARMC16, ABW07, MDFG08, URG10, VL94, WGW+09]. single-company [MDFG08]. single-link [WGW+09].


SIT [QXYL16]. site [CT08, Pon06]. sites [CdR+14, FG15].

situation [YGH+08]. situation-aware [YGH+08]. Situationual [AN07, LK16].

situations [HCL+10]. Six [SM07, MVSG18].

Size [Bow84, Lok96, AP09, ASMN15]. CGMPAP08, DW11, HT097, HRZ06, HH06, JH01, KPG+07, MCCO03, MCC05. RSGH12, SHBC19, WL10, WHMP99]. sized [dSdMSNO+14].

Sizing [BC91, Rei90a, VT87, Ber88]. skewed [SC07]. skies [Gla00n]. skills [CSNS05, MG04].


SLAs [DVT09]. Slice [Hs91b, HU96, MLD+14]. Slice-based [MLD+14]. slices [JG08, JJC+14, WQ06].

Slicing [BL98, KL09, HBD03, Kam95, Kri06, MKM+06, MM06, PQO+14, aSRZ+18, YBE17, ZS16].

sliding [DS12, NDS13]. slot [SRS15]. slower [Pon06]. slowly [FS14a]. SM [Lop03].


Smart [WSQM05, AMCC14, AKA+15, CFL+18, HCC10b, KKP12, LLL06, PBMI9, Sko14, YSL+10, WHN+01, GSN+15, BBC+08, HwdS+15, LZL+15, PGC+14].

Smart-Cards [BBC+08]. SmartTutor [CHZ03]. SMCD [EA14]. Smdc [YNDS88]. smear [HHC12]. smell [SRJL+18]. Smells [GK18, KH19, LSO7, OKS+15, SS18, WFF18, YC13, FFEW17].

Smerfs [FS88]. SMEs [CO12]. SMIL [CH05]. SMIL2.0 [YWT07]. SMILI [KM92]. smooth [Gla00n, GRT13, YC11].

smoothing [Ng09, WQZ10]. smoothness [LBC10]. SMP [HL01]. SMCcpt [DCH02]. SMS [PS4+13, SC14]. SMS4 [LGW09]. SMSCrypto [PS0+13].

snapshot [KMS04]. Snooping [BW95].

Snort [WHC07]. SOA [PZ15]. SOAP [DZ05]. Soc [CTL10, KPT09]. Social [AZX14, BV18, GMGTdFR14, Woh16, AGBD14, CRd+14, DJW08, ECRVMS11, HY11, JLY14, KAU16, KB16, LSI17a, PMS12, RNC14, Sko14, SZA1, SHH+15, TCCH12, TPTV17, WSM15, Wyn01, dVRB13, Cha17].

socially [MP+12]. Society [BEZ14, PMMM11]. sockets [MKMS05].

SOCKS [OS09]. SOFL [OL99]. Sofspec [NS83].

Soft [HIJ15, CF12, KMSMD08, KRO8, LSE12, SLS08, WX10, ZERO0, ZW15]. SoftClass [MRW+94]. Softcost [Rei87]. Softcost-R [Rei87]. Softening [Sne83]. Softest [MS81].

SmallProcessors [WLZ+17a]. Softw [AAH12b, WZM12a, XTZ13, WZG14a, YWEL+13].

Software [BSK14]. Software [AM81, AAGT16, AB16, AS10, APL95, AK16, AJMP96, ACCD91, Amm91, AC16, Ano84c, Ano86d, APS+10, Ara95, ANB93, AS96, AM94, Bab91, BW16, BH02, BGS+16, BCF10, BHXN05, BEZ14, BBF+90, BPQ+10, BF81, BdMSNO+17, BL95, BBND+18, Ber81, Ber91, Bhi90, BBC+88, BS96, BD10, BW80, Boe83, Boi97a, BST93, Bor12, BLO3, Bos12, BC91, BN90, BW93, BCL12, BT97, BC94, Bro81, BHR89.
BF90, Bux90, Cai98, CBT+14, CA87b, CB89b, Car92, Cav84, CS19, CL81, Cha95, CT94, CC11, CA14, Chr91, CV95, Cio91, CVGP13, CL095, CR89, CW90, CRV94, CGD+96, Coo81, CUY09, CG05, CBOR88, CMP85, CSSW05, CGA08, CDJ+84, DS92, DGM93, DG92, DLS94, Deh90, Del08, Del92, DJL93, Dha95, Di 87, DB86, DS85, Dur95, Dye87, Dye93, EB14a, ESWA18. 

Software [Emd91, Esk89, EL94, Eva97, Eva83, Fai85a, FS88, FM93, FM90a, Fen93, FN99, FG93, FM08, FM90b, FWP93, FWD97, Fis81, FF95, FF87, FG94, Gar13, GHC91, GI95, Gla88b, Gla89f, Gla90d, Gla90e, Gla91e, Gla92a, Gla92b, Gla92e, GV92, Gla93e, Gla95h, Gla96a, Gla97a, Gla97f, Gla97m, Gla00j, Gla00k, GC01, Goe80, Goe84, Gom89, Gom94, Gom95, GMSLF+15, Gon95, GR97, GC94, Gul96, HL94a, Hag91, H097, HM00, HBOC94, Ham81, HLS+13, HC15, Har95a, HC87, Har90a, Har90b, HST16, Hen95, HL90, HC91, Het95, HD84, Hou90, HS95, HG18, Hur93, Iso95, JED18, JVP+98, Jar93, Jef87, Jef91, Jef96, JKO00, JL97, JS03, Jos83, Joy87, Joy94, KH81, KC96, KI96, KSS84, KM17, KR14, KMM91, KMR99, KSFH92, KS96, KAL97. 

Software [KN97, KLY03, KR08, KT16, KM13, KB96, KL91, KV05, KRCK08, KCHQ+98, LH12, Lok97, LLM+17, Lan90, LV97, LH98, LL85, Lea95, LP95, LP00, Lee93, LM94, LKJR10a, Leuf92, LHS3, L99, LLL06a, LCJ10, LGH+17, LTT92, Lin99, LPLS87, LPH+10, Loh84, tLF89, LF96, DG08, LN13, LD8BA+08, Mac91, MM95, ML18, MH13, MSS18, MTG92, MM92, Mc02, MR80, Me09, ME10, Mey88b, MRW+94, Mil89, MTON94, M681, ML08, MP89, MB84, MP90, MDR96, MH04, MK90, Mus80, Myr90, NSL+07, NS87, NG91, OKOM97, OHK93, OG80, OH94, OW84, PH06, Pan81, Par00, PBC93, PdC94, Pf97, PW10, PM90b, Pha94, Phi98, Phi81, PMB15, PL92, Poo93, PC98b, Por93, Pou95, PU84a, PV06, Pul90, PKB90, RTM19, RZ94, RVM99]. 

Software [RW01, RST98, RAC90, Rey80, RB93b, RCL99, Rus90, Sah94, Sai99, Zai09, SN91, SPTM15, dAGS4FS+15, SS17, SL80, Sch97, Sch81, Sed93, Sei89, SCL13, She94, She95, SL96, SCK95, SNe83, Sta10, Sta93a, SKV94, Sta83, Sta85, Sta90, Sta93b, SP94, Sut83, SB93, Sub93, SB95, SJK07, SSAS11, S88, Tak97, TL14, Tar92, Tau80, Tau92, TSOA08, TCS9a, TTP97, TGBF17, TR89, Tòr90, TVK94, Tri86b, TKU93, TB05, UD10, VLL18, VZT17, VE03, VCB+18, VT87, VM93, WL15a, Wa91, WTG+15, WH97, WL99, Wha90, WL10, WH91b, WSR+83, WLPL95, Woh16, WCTK12, WWF94, WF296, XW99, YN91, YNDS88, ZS95, Zel96, ZC97, ZP06, ZLCY06, ZJDB02, Zuc90b, dSDSN0+14, dAK18, vDB05, vS83, vWA93, vC80, AH98, ASG913, AJLS10. 

Software [AZvG11, AT18, AKH12, AZW07, ADC018, ACS07, AC17, AW07, AD07, AK08, ACB18, ASG17, AAH12a, ACG+15, ATvHJ18, Ale05, AMKD13, AM18, ARS10, APW14, APS16, AKL14, AL05, ASM18, AGC13, Am00, AKKS11, ABC+13, AB02, AdB17, Ane97a, Ane97b, An08d, An09d, An92f, Ane94d, AB10, ABL15, AAA11, ACGS+08, Ati00, APCS10, ACW10, AS16, AHC+11, Ayr98, ANC11, BKEQ+06, BVN07, BL09, BP13, BCBB14, BW+18, BH03, BM05, BMA+13, Bao93, BM18, BKS15, BNVdH05, Ban08, BCFP19, dOBW+04, BCR+19, BJ03, BV16, BM89, BCDM06, BKH01, Ber03, BT06, Ber94, BFLZ13, BCL+18, Ber98, BZ14, BLTY18, BGG10, BK95, BFLP09, BLS13, BDV17, BRS+18, BBS10, BDA+02, BD+19, Bra99, BKB+07, BWDP00, BW01, BDK08, BS15, BK11, Bud00, BT05, BM00b, CX10, ÇB16]. 

Software [CCW+01, CC02a, CGHL07, CC08a, CJHB08, CCIL+16, CGP+05, CJT+16, CCM12, CdS18, CFMRL11, CA87a, CA88,
CA89, CA90, CTZ92, Car99, CSNS05, CdCdAdO18, CdSdSG+18, CdCMdMSNdA16, CBAV16, CGL+04, CKCK15, CCTC06, CLR18, CJ05, CC07, CCG+10, CH09, CC09b, CJKC09, CHLW17, CSN17, CZC18, CLB05, CH07b, CS01, CD10, CL15, CL17b, CC08c, CLL14, CH09, CC09b, CJKC09, CHLW17, CSN17, CZA

software

ES97, EE08, EC04, EL07, EBC10, EK00, EZRK16, Eri92, EK13, FHL+18, Fa107, FAK16, FY04, FM11, FOR19, FP19, FCSM09, FBB+12, FK01, FdsBR06, FFV19, FL17, FdR+14, FMRM15, FRGC10, FCB+16, FW00, FCRF16, FPW96, Fug99, Fug03, FA197, GAMW14, GL14, GML05, GMMGP15, GRRX01, GPP+17, GV10, GZ13, GBCB15, GCDY16, GKH18, GJ16, GGC16, GR05, GBH+16, GD12, GK08, Gil88, Gla86, Gla89c, Gla89g, Gla91d, Gla92d, Gla92g, Gla94a, Glag94d, Gla94g, Gla95c, Gla95b, Gla96b, Gla96h, Gla97g, Gla98b, Gla99a, Gla99b, Gla00c, Gla00d, Gla00g, Gla00i, Gla00m, GC02, GC03, GC05, GC13, Gon08, GHBD+16, gDFDL16, GPHS07, GTA14, Got03, GFWA18, GJ07, GS+07, GDH05, GA13, DFD+13, GS07, GMIC13, GWW+11, GW10, HALS08, HBP+17.

software

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PDC01, PAB+17, PLHP+15, PCHW12, PSM01, PS05, PH13, PCYZ12, DNAM05, PCDG02, PCV+08, PPMJ14, PFG13, PTRW04, PIG08, PKR01, P899, PB00, PPG+10, PK9, PRN17, PSZ17, Pla95, PC98a, PCCK18, PDL+16, PU84b, PFL16, PVSG05, PNM04, QGZ+15, ROR11, Rad84, RK0, RBT11, RRD06, RH02, RH03, RSM00, RSS00, RRV19, RSB+14, RSB+16, RPT19, RPL97, RSP03, RCCVB11, R98, RR00, RGBM06, RSGH12, RHL+17. software [RW00, RMO+08, RF14, RRT01, RO09, SOS+18, SC99, Sa02, SW05, Sa07, SW19, SD16a, SB1a, Sal80, SCP12, SNL16, SNBH08, San16, SAR15, Sca99, SA12, SSMd16, SA06, SCyw12, SL14, SAH12, ST07, SS18, SL08, SSA17, SS17, SS98, SCML96, SH98, SMDM05, Shy03, SXYW14, dMSS+13, SHW02, SWA+13, SW09, SLR16, dSSV11, SMHJ13, SA08, SS04, SM08, SBDB19, Som13, SS07, SSCL08, SHG+11, SZW+16, SdSGdSM+13, SSA08, SA18, SG12, SB14, SNC13, SM16, Sta99, SFM99, SHHL12, SH07, SHGT16, SC01, SJH+10, Su00, SM07, TA02, TKM03, Tan04, TBSvdW18, TJJ15, TGB13, TC9b, Tha80, TPRW04, TT09, TQ05, TT98, Tia99, TNA01, Tom05, TCS04, T98, TR18, TKP+18, dBTdsS08, TKCR14, TGE17, TK00, TL09a, TC12, TCG06, TCS18, TTM19. software [URG10, UGF15, Uzz13, VcdA+16, VA17, VAJ18, VM07, VM99, VK08, VMB+08, VLC+17, VB99, VVA+15, VEM+01, VBC+14, VP00, VHFS15, VHFF+17, WPC06, WC12, WWSZ15, WKh08, WWB09, WB12, Wei79, Ws02, WMC17, Wey99, WGS+14, WWS13, WVC+98, WBP+03, WK00, W89, WHB01, WWR14, WR99, WrdSMN+13, WSM15, WSQM05, WTG+08, WTG+09, WTG+11, WLL17, Woo80, WAWO12, WD05, XLW18, XH98, XY807, XYCL17, XNP07, YMM+17, YMM+19, YFZ+16, YLXZ16, YLA16b, YLA16a, YCA17, YAKK16, YHMS16, YS02, YK+05, YR09, YLCZ12, ZA15, ZADA15, Zel88, ZP00, ZSP01, ZML10, ZLC+14, ZCY+16, ZC18, ZWF+18, ZFY+19, ZGY+15, ZL07, ZLZ+96, ZZP15, ZP17, ZS05b, Zewe90, dSF12, dL13, dBv08, dBvV03, dOZR+04, dOsdAdSG17, dSRBA13, dSB12, dRT06, fLSN18, vVT16, An091b, An095h, Bas80, BB08, CCCY17, DB86, Gl88c. Software [Gla91f, Gl89i, Got90, IBAH12, JWT17, LAHS97, LMWM18, MA89, MP12, MMB10, NFSM11, Qui94, Shi12, TTT14, VM89, VPMVM+13, WVT+14, WB10. Software-MP90. software-as-a-service [BZ14, WVT+14]. software-based [AZW07, KSAOK04]. software-dependent [Car99]. Software-Engineering [LAHS97]. software-first [Gla00i]. software-intensive [AAA11, FOR19, GBH+16, MAH18, dSSV11, YMM+17, YMM+19]. software-module [Leu97]. software-producing [BV16]. software/hardware [TCSC04]. solid [nWsCqW12]. Solidifying [VPMVM+13]. solo [Mi07]. Solution [BBG86, Chr86, Gl89e, MBCD86, RT86, CY+05, HHH+10a, LQLC16, PP+15, Thi94, TBC+16, nWsCqW12, Wj03, XJZ+15]. Solutions [FN86, CJO9, FCMJ12, FCRF16, KSKP11, KG09, MSS18, MAEL19, Rya13]. solved [An091c, Gl91i, Gl98f]. solver [EK12]. Solving [CTJ04, HCDJ08, Rod86, ADTZ12, BRS+18, Dar02, DSSL09]. EMBS17, Gl89d, KK17b, KEK04, PA99]. Some [AM94, Bro81, Gl89g, Gl90a, Gl90f, Gl91h, Gl97i, HL94b, IS03a, JZ05, Sal94, Wyn01, ZY94, CTY01, HHKWB16, L180, MNO18, MKK09, PK9, SWT05, WYL06, BW08, Gl94e, Gl98i, LF98]. Someone [Gla92b, Gl93]. Sonata [GBDC12]. Sorry [Het95]. Sort [Kra91b]. Sorting [Ver89, Amn89, MM01b, PS09].
sorts [Gla00f]. sound [LSR13]. Source [CR90, LTHR97, LMWM18, MP12, NVPGMPS17, OHL17, Shi12, AW07, AGB18, BGH+08, BCG+14, CAHV15, CF07, CLL05, DH09, DDGR09, DFCSF15, ESM19, EAH+11, FMSG08, Fug03, GPPT16, GW10, HNZ17, IKBH14, KTF15, KKT17, KKR14, KMA12, KK17b, KL07, LAT10, LWZ+16, LWZ12, PAB+17, RGBM06, RA16, RRN17, SMR09, SHW99, SM08, SSA08, SG12, VGSM18, WFF16, YLC+06, ZQZ+06, ZE03, ZFY+19, CFMR11, DHKV06, GL14, KGMI06, LLS11]. Sources [HSS14, CDOP15, LWZ+16, NTRN11]. SPA [LLT+09]. Space [KA96, Zha08, BAI+14, DGRN10, LWHS05, LO04, MM19, PM99, PA99, PWC12, RKK16, THP+06, VVA+15, WHMP99, Xia13, Zhu04a, Zhu04c, vHJPB+17]. Space-efficient [KA96]. spaces [GBDCR12, LO04, PN14]. Spam [PAC13, ROFGFRM13]. SPAP [BKSM14, BKSM13]. Spare [VVS99]. 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, ÜDUG04]. spatio-temporal [CMC04, Lin12a, ÜDUG04]. spatiotemporal [KRK00, KRP02]. Spc [DB86]. SPDX [KKT17]. Special [ADMOK+10, BCEF10, BEZ14, BFL13, Bor12, BWK10, CCCY17, CLR18, CLS1, CA14, CL11, CUY98, CGA08, Dut15, GP10a, GH08, Har90a, LH12, LW02, LP07, MACB19, MS17a, OPS11, Sa87, TSB19, VZ17, Won10, WCTK12, YAT11, Al 12, Ano84c, Bas80, Bec86, BCDM06, BCG+13, CCM12, Cds18, DIB14, FKA16, FOR19, Goe84, GBG10, HLM+09, Har88a, JNY84, JWT17, KB07, ML18, NBM19, PB19, PS16, Pla95, SLR16, WMAS12, WMC17, WC16, XST18, ZTPT18, dAK18, FM90b, SS17]. specialization [LMGHB17]. Specific [DK94, KKH12, Lam97, Pou95, TM07, ACG+15, AMCC14, ARS17, CCW02a, EMB17, GW95, HAE+15, HGMR13, JHS09, KMK16, PC10, SK110, SHS16, SK07, SPl01, ZGH16, VfdP13]. Specification [Ara95, Art87, BFR96, BMSB94, BBC+88, BS93, BST93, CL81, CGD+96, DA86, DR92, FdSBR06, Fur93, HL98, JVP+98, JL97, Jma96, KRD1, Krä19a, Krä93, Lai97a, LL97b, LKJL01, Liu93, LF96, Mil96b, MvS95, NC96, NS83, TKU93, VP92, Wa19, WSR+83, WWY+12, YGH+08, Ano93e, BZ10, BNR09, CF13, CLSC98, CL99, DBZ16, DLB04, GPHS08, GHKR04, HZ07, Jav88, KU10, KLR13, LW07, LL99, LNPAGD+06, MVSG18, MA11, Ost92, PLCCC09, Rob98, RG79, SG12, ScD+06, SdGdM+13, TFS10, VAS+04, YS02, YKC+05]. Specification-based [JVP+98, HZ07]. Specification-in-Large [Ara95]. Specifications [AM81, Arm98, Bel91, BM93a, BCFG86, Coo90, DGM93, EC98, GMM90, GMP94, JvB83, Krä91b, LF98, Liu95, LCZ98, MG81, PU84a, Ura90, Ber98, EBB09, FFR98, GA13, HCS04, HYS+04, jHJW08, JMM99, LYT04, MSHB98, Nae01, OSG98, OL99, PU84b, SAMN12, TC89b, WW09, YLC06, ZAO08, dITR06]. specificity [IZ18]. Specified [BG96, HCWN05, PRN17]. specify [ZC06]. Specifying [BCK00, CH83, DH00, DR00, KZDX09, OS87, Rec93, Sny91, ZYA+18, MGR+13]. Spectral [SMDD05]. spectrum [AZGvG09, AMAY19, BPM06, CCWT13, JJC+14, MMSD13, TXCX19, XYZ+19, ZY+17]. spectrum-based [AZGvG09, XYZ+19, ZY+17]. speed [ELK06, NSL00, ZXP+10]. speeding [SWH+09, dNP18]. Speedup [BP86]. SPI [PW10, CO12, WR10]. SPI-LEAM [PW10].
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[LC02]. Stitch
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Storage [Kus90, LLGZ13, Maz81, ZK85, BT17, CB99a, FNWL18, GCSSDP18, GPSS13, HLL01a, IJC03, KKL11, LMT16, LZX14, Luk11, MCC03, MCC11, MP94, MK08, OSH18, WK88, WCB17, YTW13, YYS16, NC10]. store [DII17, GAN17, KCR16, MQG17, Shi17]. store fronts [CCF04]. stories [MH12]. story [Gil88, Gla94d, Gla96d, Gla98c, Lai97d]. Strange [Gla96j]. STRAPS [Fai85a]. strategic [BCV06, SM08, UZ99, WL12, SJK07, TL07, YWH11]. Strategies [CC97, UH86, Zei88, CTY01, HSC15, HMC98, HC01b, HL02, LJ13, LNY11, LZC14, MLHL12, MC04, NDS08, PCC02, SRS15, UDJ04, WFWL09, WGC14, WC11, YC08a, YLC06, KMKY07, LZL15]. Stream [JO83, APS16, CH05, DM17a, HWR17, HKY01, LCLL08, LW13a, MRBN17, TXLC12, VZT17, YF15, YCW15]. stream-based [LCLL08]. Stream-Oriented [JO83]. Streaming [KFS02, KD05, CDC09, FGBC10, HHL06, LG05a, LT09, LLW12, LLH16, MLHL12, vdsJK+07]. streams [CPS11, CJL11, CTL08, DS12, KK17a, LJJ12, LLML13, NDS13, PTM08, VTZ17]. street [Gla95]. strength [AZ11, CWK10, HCT+15]. Stress [FA94, AL10, FA97, GBL08]. String [Maz81, Cha93, MM01b, Mus03]. Strings [MS97]. Striving [Dan17]. Strong [KRDH12, FWCS12, HYWS11, KBD09, LJ16, XY02, CCGG14]. Strongly [Gan91, SX11, THS12, EZG15]. Structural [AR90, CR06, MP90, PL92, Poo93, AC17, BDO11, CFMR11, PL99, HZC05, KOL+14, LMIV15, LVMM07, LC08, NOPF12, PX+13, PACH15, SM08, VMJS06, WHL89, XLM+15, YY18]. Structurally [FM90a]. Structure [Arc81, BCD92, BY85, CG94, Gla95i, GR97, HU96, MK93, Tau08, BF96, CD00, DPMD07, GAKF13, HTB12, HCC91, HLL01a, HR10, JRSN10, KHW19, LGW09, LBC12, LHC05, QGZ15, SM17a, TMB02, ZLW12, dSF12]. Structure-based [Gla95i]. Structure-Oriented [CG94]. Structured [BC91, Fra90, Gla90a, IYKO95, Lee93, MGJT87, Sca88, TOY95, TZ81, CC94, SMM17, YT+13, YR09, Gla91g]. Structures [JSN4, YRN80, BRMA09, Cc16, FMR11, ISM11, Lin12a, SAA10, Tha80, WS12, ZG00, CSS10]. Structuring [DGRN10, Eva83, SWA+13]. student [GSB+07, SM07]. students [Gla97e, HBM05, SSvdW99, FHT07]. Studies [PW92, CsS14, CRSS14, DDMP14, Del08, GNA17, Gla71, Har00, HWC+10, JCYT16, Jor04, KK06, KSI19, LCM+13, MPTT14, PPG+13, PCCldGP12, SAH12, Sol87, UGFK15, WRdSMN+13]. Study [AH90, AR94, BGB90, BFM97, DGM93, DJL03, DL97, Duv95, EC98, FZ93, GK91a, Gla96h, Gor91, HO97, JVP98, KMO01, KMB18, MRW+94, PT91, Rv92, SN91, SAA93, SSS08, Sed93, SW94b, Sta93b, SB88, TOY95, TL95, TLPH95, Ulu95, Wis92, WSD81, AH88, ASG13, AJG+15, AAAC07, AAGT16, AB16, ADC08, AW07, ACB18, AN01, AS07, ASG17, ACG+15, AL05, AMdLM17, Am100, ACS13, AACL02, AAC+17, ABJ+17, AHC+11, BKZ+06, BRB14, BCFP19, BP80, BB89, BBND+18, BCD+18, BNM17, BLTY18, BGH08, BFPAGS+08, BS12, BAAD17, BDM+19, BHVR18, BV06, BT03, CSF+14, CJBH08, CS15, CGP+09, CdSDG+18, CCCT06, CLSa01, CW02, CL04a, CC11, CXO+15.
sustained [SDG17]. SVM [TLL13]. SW [BBC⁺08]. Swarm [AZ11, DRCGI2, LLZW14, MDO⁺10, YYWW07, dCPV10]. swarm-inspired [MDO⁺10]. swarms [LLZW14]. SwiFT [LCH⁺04]. Switched [PH93]. Switching [GFP11, CCdR⁺16, CTHW12, SYBN12, aSRZ⁺18, WL15b, WMOKY11]. swizzling [MC04]. Symbol [Maz81]. Symbolic [CR85, Dill91, Fri83, BSB12, CL98, EED16, LC00, dCPV10]. symbols [SB17b]. symmetric [DCH02]. Symmetry [BDM⁺93, vEHvV89]. Syntax [BDM⁺93, vEHvV89]. Syntax-Directed [BDM⁺93, vEHvV89]. syntaxes [PC10]. Synthesis [AMNT08, CDJ⁺84, JS99, OK94, CCG⁺18, CCC06, CD07, KK07a, LJ99, OHBR90, SD02, YGH⁺08, ZCT⁺09, rBHM17]. synthesised [KMWL12]. synthesized [NSDI16]. Synthesizing [AMCC14]. synthetic [Kam89, PQLN04]. SysML [CKL12]. Syst [AAH12b, APS⁺10, BKSM14, LKJR10a, LHP⁺10, WZM12a, XTZX13, YWEL⁺13, wZFG14a]. System [Am91, ARAS94, Ati00, Bar92, BW96, BE81, BG96, Ber88, Bo97b, BAL81, BB96, CHB94, Coo81, DR84, Dam96, DK94, DK08, DF84, ES85, Fai85a, FC96, FJ92, Ha86a, Ha89a, HJ90a, HJS91, Joy94, KLWR01, KS96, LO92, Loh84, Ma96, MS81, MBCD86, MG81, Mer87, MIH92, Moy96, NS87, OHHK93, OT92, Pha94, Pha92, Pow86, PW92, Rec93, RB93b, RT93, RA96, RF84, SG93, Sam93, SW94a, Sku91, Sme83, SG01, Stu83,
SCK86, TC93, TKS95, TW95, Var91, Whe81, Wie92, WSR+83, WTS95, YNDS88, YCGH92, Zho94, ZM96, Zinn84, vS83, vC80, ASGJ13, AT18, AV02, AHGS05, AYJ10, AL05, AACL02, AR17, AA11, AWE91, ABW07, Ayrr04, Bak88, BSG12, BGG+04, BRG+12, BDBLP15, BMP06, BDG13, BS+18, CD+16, CB89a, CFFT08, CLX+04, CDI07]. system [CGL+04, CC02b, CC04, CCSC01, CLCY04, CH11, CTL12, CK00a, CJZ04, CHZ03, CCC06, CNSG12, CHL+13, CDI07, DvdVA+13, DFCR96, DB06, EH19, ELHC13, FB04, FNWL18, GBH+16, GH02, GPSS+13, GH04, GAWC91, GPM04, GC94, GDF86, HA+97, HCL12, Hoo14, HAE+15, HC01a, HYC02, HHL97, HWLM11, JAJ12, JAJ16, JAY10, JKH07, JR17, KAK13, KA14, KRP02, KLP10, KJB97, KJ99, KGG18, KGT02, KW00, KSM+16, KMK16, KLMC06, KJ10, KH10, KJLK07, LWS+03, LHC95, LLY06, LSi7a, LP93, LH04, LSZ+06, LLLK12, LS07, LXG10, LLLK10, LKJ10, Lin00, LM96, LKB06, LHP+09, LHP+10, MCL+17, MS16, MAH18, MHC00, MV09, MD06, MCG+12, MCV15, N13, Nee96, NXS00, NJ17, OHBR90, OD10]. system [OBST9, ÖKT09, PK10, PNY14, PH13, PL99, PM04, PMB09, PP94, PLP04, PDB18, PP04, RAK15, Rey89, RH06, RJHK08, RA16, Sal80, ST13, SMHMA08, SK03, SW96, SL02, SVMAM04, SGW15, SB12, SMK+18, TSRP11, TG17, TLZ+16, TYH04, TTL+13, TKA+02, TCHC12, TDW+14, USLC01, VP07, WRT+13, WB+06, WK09, WGG+12, WK11, WL10, WC09, WKL04, WLL+13, WHC07, WW00, YC13, YWLG02, YSG17, YHI3, YCWW15, YCLC17, YYWW07, YSK09, ZHS01, ZSM04, ZML17, ZG97, ZXG10, dRSBA13, ESRF19, LLLZ13, WFY+19]. system-level [JC02, WL10, YC13]. system-on-a-chip [CGL+04]. system-specific [HAE+15]. system-wide [HCB+16]. system/software [CNSG12]. Systematic

[Bat08, GA+18, HAI16, KMB18, PBBJ16, SKT17, TDT08, AJG+15, AAGT16, AB16, ADOC18, AKAA18, AM18, APW14, ABJ10, AS16, BWP16, BKS15, BCFP19, BBN+18, BMB18, BLY+18, BMD+19, BKB+07, CX01, CP15, CS19, CNMR18, DLM19, DPL16, DBCG14, DZH+14, FSGY17, FK01, GRR16, GJ16, GA17, GA11, dFDFL16, HBP+17, JED18, JCYT16, KB15, KGB11, KNA11, KS19, KG09, KK17, KB17, LFW15, LL15, LZO+13, LAL15, MWM12, M13, MRT17, MRY17, MAEL19, MG18, MD16, NVPGPS17, ORJ+18, O15, PG12, PFS+13, PMB15, RAK15, RHL+17, SNL16, SRJ+18, SL03, SLB14, SN07, TMM+13, TAF+17, TLGE18, TCS18, VLC+17, VCMG17, WPL+18, WNC17, YLA16b, ZADA15, ZSG16, ZYG+15, BPQ+10].

Systems [ABB15, Art87, BEZ14, Bar86, BW83, Bha84, Blu86, BAL81, BT97, BM83, CL94, CZ91, CLO95, Col92, D894, DR92, DLG96, DV94, Eli92, Emd91, FMP9, FSA87, FM90b, FM87, Fur93, GM90, Gl92a, Gl96a, Gl97a, Gom94, Gom95, GC94, GDF86, Ha6b6, Ha89b, HST16, HFK92, Jef91, Jos83, KO95, KB96, Ker92, KPME05, KP93, Kor83, Kri03, KNT86, Lan98a, Lea95, LLLZ06a, LSD95, LVB+93, MW95, MR83, MG04, MO90, Mor86, MSH92, MP90, Mue86, MP95, NC96, Nit96, OPG0, PdC94, PdF97, Ph86, PL96, Pop92, PZ94, Pre95, Rah92, RW97, Re90a, RT86, Sag95, Sah94, SAA194, San95, Sch01, Se93, SK95, She90, SM92a, Sta85, Sta90, SP94, SYB97, TT93, TTT14, UB19, Uh95, UH97, Ura90, WSN92, WNSC96, Woh16, WM96, YMM+19, YP94].

Systems [ZEB88, ZCD96, vS96, ACF+07, ABA13, AZX14, AZW07, AB16, ADMOK+10, AR18, AHLH16, ACRD19,
t [LNPAGD+06, CM12, VAS+04]. 
t-learning [LNPAGD+06]. T-REX [CM12]. 
†T. [YWEL+13]. Table 
[Har81, WWLG13, VAS]. table-based 
[VLC08]. Table-Driven [Har81]. tables 
[JC98, JLYK09]. tabling [AR17]. 
tabulation [Ano94d, Glag94b]. TACFIRE 
[Sal80]. tacit [RO09]. tactical 
[ETYL15, STS+19]. Tactics [MLB09, UB19, 
WK15, HA10, KKL19, DL]. Tactic- 
[RL+18]. tags [WL17]. TAIC 
[BKW10, HLM+09]. TAIC-PART 
[BKW10]. tailoring [CP15, CCP18]. 
Taking [CDS07, Bos12, vV08]. Tale 
[SM92a]. TALISMAN [GDFP+10]. 
Talk [Gla90]. tamper [CCP05]. tampered 
[WCH03, WC02]. task-aware [CYT16]. task-based 
[KHS10, KHS11, Kar98, KS04, SKT17, 
YYWW07, BR+18, CCKM09, CYT16, 
CKC15, DS98, DCT17, FHL+15, FS05, 
HTK00, KSN17, LS17b, LWL+13, LWL04, 
MC01, NI13, OW04, PM99, SOC+03, SA05, 
SK10, TA02, TJKL13, TW98, TC16b, WX10, 
Yoo09, ZW15, ZCC+17, ZJDB02, ZGL+10]. 
task-dependent [FS05]. Task- 
[BDGR01]. task-solving [BR+18]. Tasking 
[Dil91, SC88]. Tasks [ML95, ZR87, AMP12, 
ABB19, Cam00b, CZZ+15, FBD+18, 
GGS15, JSL16, JJ06, KWS+17, KC01, 
KA17, LCLS16, LRS+07, MRE17, P01a, 
PC04, Wen16, wZG13, wZG14a, wZG14b, 
ZHGL11, ZGSH13, MK15b]. 
taxonomy [LLW12]. Taxonomy 
[BC94, GV92, KSEN07, OC91, S11, SS14b, TK87, 
Dav88, DGWC16, MC98, NGC02, War89]. 
TCI [BDGR01]. TCP [HCKY08]. TD 
[HBM05, Mur99, RMO+08, Som13, 
BNvdH05, Fra07, SBAH17, Tom89, vWSB13]. team 
[BNSG05, HS99, HM16, LCCJ10, 
OCC12, RSGH12, RKK16, RO09, ZS02]. team-robotics [BNSG05]. teams [DCP12, 
GD12, GTF17, LS17a, LSD+16, RSM00, 
RO09, TR18, VBC+14, VsVsV16, YHMS16]. 
Teamwork [LSD+16, RF18]. Technical 
[ANB93, Ebe99, MS16, MGM16, Skl91, 
BMB18, CREEH+18, FKA16, FS2Y17, 
Gla00k, Gsd16, Kkm16, LA15, 
MK+18, PWS+15, TAV13, YHMS16, 
VM+12]. Technique 
[DG92, Hen88, KC96, KL96, LTT92, MvS95, 
Nl96, BbbP13, CCP05, CPL+04, CK02a, 
EZOK14, GSÁdP11, HOR01, HH00, 
HPH12, HR10, KRC00, KEK04, KDEK04, 
Lk01, LC02, LLL12, MK15a, MK00, 
PMDH13, PC02, PK02c, SAA+10, VJB06, 
Wk88, WCV+98, WL08, YL09, vsBK94]. Techniques 
[BS93, BKW10, FWD97, IJC03, 
Lak97, MS97, M09, Pan81, PS90, Rey80, 
Sc93, YRN80, AAM+17, Ano93e, BRB14, 
BPG13, BLYT18, CB+14, CL18, CY04, 
CW89, CKS15, CPR13, DC17, Er92, 
FYCL13, FBD+18, FICL+02, Fra07, 
IAA16, Kam95, Sars18, KR08, Kor99a, 
KPG+07, LASE00, LH11a, LCF+06, 
LHLG+15, LIZS06, MS03, MPST06, 
MA08, PG05, PWL06, PB00, RO13a, 
RG17, SLB14, SD02, SSL+15, TL07, 
TR+13, WAG15, Wey99, ZFS15, ZSG16, 
ZCT+09, ZML10, WMD+10]. Technologies 
[Bas97, Glag98], Sta93a, Ano96m, BM00b, 
LICA09, PP+15, WPL+18, YSJ13]. 
Technology 
[APL95, ABCT06, Bro81, CCCY17, CFSS98, 
DA86, Gla88b, JVP+98, KS96, LWZ12, 
MR80, Par98, Rv93, ZC97, Zuc90b, AT15, 
ACD02, CLR18, CCWT13, DJW08, D509, 
DF90, Gla88a, Glag98b, Har97, LPM15, LL04, 
Ml04, MCV15, NHH+12, Pf99, PHR10, 
PKB09, Sai98, SMM17, SS9dW99, UN09, 
WPL+18, Wie14, WMDR09, XM+15, 
Zel09, ZMK12, Kim07a].
Technology-driven [ABCT06]. telecom [VVS99].
Telecom [JLC04, TNAJ01]. Telecommunications [Gas96], teleo [MNSA16, SÁM+16, MNSA15, SAMN12, SÁM17].
Teleo-reactive [MNSA16, SÁM+16, MNSA15, SAMN12, SÁM17]. telemetry [Bra89]. tell [CPT05]. TelosB [APS+10, PAS+10]. Temperature [WX10, ZCC+17]. Temperature-aware [WX10]. Template [ZSGS93, GCS AddP11, ZZ16]. Test-case [HCC10a]. Test-Driven [BMKM15, DL06]. test-point [BGLG13]. test-to-code [QBO+14]. Testability [VM93, AAM16, BvD06, SS04]. Testable [BL95]. testbed [RAL05]. testers [SW09]. Testing [ABCH13, Ber91, Ber93, BMP97, BKW10, BM93b, Car96, CLSC98, CKMT10, CPR13, DGM93, FZ93, FW00, Glal93g, Glal93i, HZ84, Har99, How80, JVP+98, JvB83, KGH+96, Las90, LT08, MG81, Ml96b, OH94, PBC93, Pla92, PU84a, SCK86, WCTK12, XHM+11, Zei88, AAM+17, Ami100, AAB19, AL10, AWSE19, BRB14, BE11, BAAD17, CGHL07, CJHB08, CNM18, CF13, CKW+11, CCCT06, CCHT09, CBG09, CK06, CLK08, DL06, ZLL+12]. testing-effort [Hua05b, LH08]. testing-resource [DXPY03]. Text [Fis91, Ree85, TOY19].
BLTY18, IZ18, Kan15, Mus03, PWC12, SI12, SLLY17, TCK14. text-based [PWC12].

Text-Oriented [TOYI95]. Texts
[HG91, Sny91, AS17, OFR +12, QBO +14].

TFRP [CLH07]. theft
[BTPLST15, CKCK15]. Their
[AR94, Ber93, Car96, LVB +93, MD91, BT05, CFL +18, Eri92, HRRC16, KCV11, LJ16, MNO18, PSZ17, RSB +14, SW88, VLL18, WFF18, vHAT13].

Textual [Yan94, MR00a]. Text-Oriented [TOYI95]. Texts
[Yan94, MR00a].

Thresholds [MSGGL12, FBB +12].

thriving [Gla97b, vV13]. throttling
[TC16b]. throughout [BM05, Tia99]. tied
[EZG15]. tier [CDZ07, WDCL08, WDC12].

Time
[AQ90, BP86, CL94, Chr86, Cla86, CRV94, GMM90, GMP94, Gla91e, Gom94, GRS92, HW94, HFK92, wLyiLH97, LM94, Lue92, LH95, ML95, NC96, OG80, OK94, PZ94, Re90a, SKF17, Ul95, Ul97, WM96, Yu90, ZCd96, ZR87, AMP12, ABB19, AMAY19, AV02, ACB18, ACL13, ARMC16, AGC13, AAc +17, At00, BFR96, BCK00, BLS18, BG98, Bak88, BMJ11, BNR09, BCF +05, BKRW19, Cam00b, CcsC01, CcsC07, CPS11, CCKM09, CLL10, CZG +15, CKyL08, CBL +15, CGW08, CLF +13, CS12, CG05, CF12, DMV98, De08, DYC19, DYY99, DY03, DZHR04, DG +08, EBEL18, EGG +11, EK12, EK13, FHL +15, FHY17, FS06, GBL08, GLZ15, GP05, Gla97g, GWDE07, GAWW07, GPPT16, GBC16, Ha92, HyLW +12, HCB +16, HA03, HSM +07, HZG +12, HNS12, HCDJ08, Hoa94, HLC +09, HH00, HHL06, ICSK14, IYS13, JZL07, JAS19].

time
[KBM05, KMSMD08, KC16, KY92, KCS01, mJKME01, KLY03, KMS04, KYPW06, KR98, Kor99b, KMS09, KKiMT96, yL98, yLcyY98, LLL00, LK02, LRvV03, LF91, LP93, LL00, LKL04, LESL11, LES12, LS14, LS17b, LFCL12, LR04, LRS +07, IWL +13, LK04, LL +09, LC11, LNY +11, LW13a, LKL05, LHF +09, LKH +10, LKK14, LGS +19, MMM00, MEH05, MBD13, MFMCY12, MSAS16, MT10, MK11, MMTS15, M084, MM00b, Nae01, NsL00, NPC12, OW04, OAZ08, Ost92, Osz97, Özm09, PK96, PC04, PNY14, PBB19, PG15, QL03, RFM10, RVM06, Rav03, RGH17, RG79, SW10, SUSA04, SSO05, SL08, SO03, SM00, SB17b, SMS11, SAKZ15, SY02, SHu03,
dSSJV08, SBB98, SK01, SK10, Sto92, TAS+18, TLW07, TKJ13, TKJ15, THP+06, TC16b, TL09a, ULh98, VZT17, VT98, VT99, WCLK07, WMWZ12, WX10, WDN05, XH98, YY04, Yoo09].

time
[wZfG13, wZfG14a, wZfG14b, ZAO08, ZW15, ZLZ+96, ZHGL11, ZH05, ABCH13, CR06, LJB05, HL10].
time-based [SAKZ15].
time-constrained [LKL05, SK01].
time-critical [CGW08, Ozk97, SBB98].
time-division [MSAH16].
time-driven [¨Ozm09].
time-honored [Gla97g].

'Time-out [HL10].
time-series [KYPW06, LNY+11].
time-synchronous [BKRW19].
time-triggered [SW10].

Time/Cost [LM94].
time/non [CCSC01].

Timeboxing [JPKP04].

Timed [Chr86, CGW08, FZHS95, LT07, LKJL01, LVB+93, WM96, DZW+09, HRD10, JS99, MXZ11, NS00, PJ+17, WKH09, Zyg01, ABCH13, CR06, YHM+14, ZLG10].

Timed-Event [Chr86].

Timed-Probabilistic [FZHS95].
timed-release [MXZ11].
timed-token [NS00].
timeliness [AV02].

Timeslot [WHYT06].
timeslot-sharing [WHYT06].
timestamping [NG08].

Timing [GMP94, PD97, Sah94, BCK00, CWK+13, CF12, Nao01, SAM+16, VT98].

TIMS [SG93].
tiny [PWY+16].

TinyOS [OML16].
tOFF [CT00].

TOTAM [BSDD14].
touching [BNS12].
totally [JHYK10].
totally- [JHYK10].

Top [MM81, WHML04].

Top-Down [MM81, WHML04].

Top-Down [MM81, WHML04].

Topics [CA14, AN94d, CC08a, GL94b].

topic-based [CSN+17].

Tool [BN90, BS88, FM93, FG93, GA95, IYOU95, KSH09, LZZ97, ML95, NY84, NB93, OC90, Re90a, Ria81, TTP97, AN01, AT15, ABFM12, BT03, CDGJ10, CMT02, CT13, FN00, HP16, HLAB99, HHW01, KPS+04, MM00, MTA+16, MM00a, OAC11, PN07, Rey89, RRRC13, RRRC15, RRM17, Son93, TAS+18, TVMS18, TC12, WD07, WBBK18, YZ08, ZGH+07].
tool-support [HP16].

Tooling [BBG+04, CPDM16].

Toolset [AM85, BB90, Bro87, FS88, FM93, FG93, GA95, IYOU95, KSH09, LZZ97, ML95, NY84, NB93, OC90, Re90a, Ria81, TTP97, AN01, AT15, ABFM12, BT03, CDGJ10, CMT02, CT13, FN00, HP16, HLAB99, HHW01, KPS+04, MM00, MTA+16, MM00a, OAC11, PN07, Rey89, RRRC13, RRRC15, RRM17, Son93, TAS+18, TVMS18, TC12, WD07, WBBK18, YZ08, ZGH+07].

tool-support [HP16].

tool-support [HP16].

toolkit [MRJD+12, Rob98, TCMJ98].

Tools [AM85, BBS97, He95, HO96, JP94, JP94, KPS95, TM97, Zim84, vAW93, Ano88d, DS98, ED04, Eri92, KTF15, MG11, Ni97, PKK98, RAK15, RS00, TAJ+10, TCMJ98].

Toolset [WH91b, MSH08].

Trace [MB19, CWK+13, CZH+08, EKV05, GKV14, GXZ+19, dL13].

Trace-based [MB19, CWK+13].

Trace-driven [MB19, CWK+13].

Traceability [DF84, OC90, GE15b, LMv09, LKJR10a, LKJR10b, MG12, MS88, Ni97, QBO+14, SPKM04, TJH07, TGE17, WPL+18, WBBK18, YS+16].

traces [AHL16, CBSM16, GKV14, IWF07, LGZ07, MLHMG14, PH13, PDBD18].

Tracing [LK93, GM02].
**tunable** [HC06]. Tunable [GSP+19, LZR7, Del08, DWC17, HPT07, PCY12, SRT+12]. Tunisian [FM90b].

Tunisian-French [FM90b].

Tuple-space PA99]. tuplespaces [JF04].

Turkey [GCB07, GCD16]. Turning [Gla95, PKB09]. tutoring [CHZ03, KP97a]. TV [AM10]. TVIS [HKW00].

Two [CFK91, Chr86, DHP86, Gla97k, HWC+98, MF90, MT13, MRW+94, Mül05, Sah94, SM92, TC93, Ulu95, YSL+10, ZMAER99, Aba06, BV16, BSR9, CB16, CK02a, DHL06, Ghr01, HJ12, HVBG08, HY95, KK07a, Kur94, KL07, LCM+13, LPS93, PFG16, TLK+16a, KKO0].

Two-Axis [Sah94]. Two-Dimensional [Aba06]. Two-Disk [TC93]. two-level [DHL06, LCO5]. Two-Person [KCK+98].

Two-Phase [HJ12, HY95]. two-stage [KK07a]. Two-Version [CFK91]. Type [Bel91, ASMN15, Ayv04, CK02b, KCV11, TPgS13]. Typed [Gan91, QOL16].

Types [RR00, CPR13, LUS+00, MRS18, ML08, WH15]. Typical [ZDC+11]. typing [SY16b]. typology [KJB97].

U [GMGTdF14]. U.S. [Sny79, Tsa80, Zuc90b]. Ubiquitous [BCF04, ADM0+10, CDAdO18, CJO9, GZK+13, HGP+12, HLTO9, MPD+11, SNL16, SY16b, Tan04, FdSdP08].

UCSD [LGC17]. UDDI [JSB09]. UDP [BP15].


ultrasound [CCWT13]. UM-RTCOn [DGL+13]. UML [BM07, BLS06, CT09, CCR14, Cig16, FLA+01, GBL08, HJBB10, JHSB09, KZDX09, KSS03, KSS15, LASe00, LCLP16, OT17, OD05, PC10, PSS+09, SDB18, SHS16, SKW06, TLGE18, TGP11, WWS13, WPP+09, ZPE10].

UML-based [HJBH10, JHIB09, SHS16]. UML-F [FLA+01]. UML/OCL [CT09, CCR14, OT17]. UMTS [OHJ10].

unanticipated [SM09]. unbalanced [PV94]. Unbounded [FNA6, LGS+19].

uncaching [MC04]. uncaught [JCY04, OBS+18]. uncertain [CZG+15, LW13, MAG12]. uncertainties [PS15].

Uncertainty [CPY14, NLSK04, ATVJ18, BCK00, BLLO2, GE15, JKLW09, Moyo0, SFMB16, TGE17, WLL15, ZYA+18].

Unconstrained [Ber93, HH06].

underfeeding [BBBP13]. undergraduate [Ale05, RF18, RHm+18, SSvdW99].

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

Undersampling-Boost [LLC17]. understand [AD07]. understandability [CFRPC+18, MNO18, MNS15, MNS16].

Understanding [AH88, AC17, CFA+19, DMQ07, ECHO16, FCM09, FMR11, Gh01, Gla93, KA18, Ker93, Lep80, LF96, MKNS06, MPP+12, Pf99, QLBS17, SA12, SS12, SHW09, SSA08, BAY08, BM89, FTM09, Kel15, KV05, ZF1+19, Zhu04].


Unicode [PWC12]. Unified [BFR96, Gon95, LAK97, MHR96, BMB18, GPSS+13, YLY+06, ZSO4]. Uniform [WWF94, CCW02, GP10, LC05, LC07, MGB16, PC01]. Unique [Gla97].

UniSpaCh [PWC12].

Unit [Jor16, EED16, PV18]. United [Duv95].

Units [Joy87, BM98, CGMPA08].

univeral [LM13, LW13]. universal [CC09, Har04, RA16]. universe [FNW18].

universities [Fug12].

university [CSNS05, MHB18, MBL+99, Wen03, Bra89, CR89, Mi89].

UNIX [IBP03, LWC95, Bar86]. Unix-Based [Bar86].

UNIX [N97]. unknown [HAE+15]. unlabelled [ZZC18].
Unreliable [XZP+10, PK02b]. unsolved [Ano91c, Gla91i]. Unsupervised [AIE19].
untestable [LNY06]. Unusual [TLA18].
Unveiling [LAH+16, JLY14]. up-down [WCLL09]. update [HyLW+12, IBAH12, 
LU06, McD02, YC08b, Zel09]. Updating [FS91, GCSAdP11, MLC09, MIUM12, 
KNYS09]. upgrade [CSNS05]. upgrades [BCBZ14]. upon [Lin12b, WLC08]. upper 
[KRHˇZ05, SSO05]. Upperware [BSG12]. urgency [CBL+15, HLC+09].
URL [HRRC16]. URLs [CCY11]. US$1bn [Rey07]. Usability [HHSR94, NL09, PKL03, 
SKF95, AJLS10, AGC+15, AL10, B303, BTN06, BGG10, BS15, FIA13, FB04, FH10, 
HAH06, JAS19, JMSS07, ONZ09, RRD06, RAJ15, SMHMA08, TPdS13, VHL14, 
WK15, WR10, WRR14]. Usability-based [PKL03]. usable [PSS11]. Use [BAH96, CM93, SHGT16, WH91a, 
GHBD+16, dGFDL16, NHH+12, NKL17, PTF+15, PP04, QLSB17, RRW00, SOS+18, 
Sal17, SPSR17, SS12, SDG17, SRDLC09, Sta14, SK13, TKZW17, XSL+18].
Usage-based [SHGT16, RRW00]. USDL [GS17]. Use [AB90, ARAS94, BGB90, CN00, Got92b, 
HZ83, Ham81, HK09, JM90, Kal92, KML94, MGJT87, RMB95, SL80, SBS88, YN91, AD07, 
APW14, Bev99, BS12, BHRV18, CELS07, CCC06, CP07, EG00, EVR11, EBC10, FG15, 
GGK19, GP98, GTA14, HHWKB16, HGBS18, HA03, JNYS4, JK12, LS17b, 
MCH17, MG11, MAS13, MSK+17, MHLMG14, OGK13, RRW00, Rob98, SS14a, 
SDB18, SW09, WLD16, ZQZ+06, YZA+18, dB12, DJW08, SSP17]. use-case [GGK19].
use-case-driven [CCC06]. used [CB89a, Tha80, ZZ16]. usefulness [ZZC18].
User [BAL81, CM93, Deh90, DLW+13, GKH1b, HHSR94, Hur93, KJ99, KC98, LG97, OD17, 
RAC90, Rei87, Rx91, dSSV11, AA07, AS01, Aki18, AKL14, APT+12, BCFP19, 
Bev99, CCY11, CMK+11, CK00a, CH10a, CMS04, GNA17, GW10, ILZ13, JKD02, 
LZXS09, LXJL10, LHG+18, LLHY19, LZLC17, LASL14, LSLG17, MNO18, MH12, 
MCV15, PL94, PLVB+18, RZMPM12, SFJ04, SP14, SHBC19, TIZ12, TKH+11, 
WOLS12, XYCL17, YS04, YSL+10, ZA15, Glah94i, GC13]. user-centered [ZA15].
User-Computer [GKH1b]. user-friendly [MCV15, WOLS12]. user-input-validation 
[LXJL10]. User-oriented [Rv91]. user-participating [CH10a]. Users [AH81, Moy96, BPGS13, CFL+18, Kan15].
uses [FWH97]. Using [ASdMGM14, ADZ+09, AAM16, BPM06, 
BBH+05, BST93, BCFG86, BFV04, BM00b, BB08, CCdR+16, CL81, Cha91, CP90, 
CXM+15, DGM93, DJL93, DJW08, DSS85, EA14, FC96, FWP93, FWD97, FCL+00, 
FLA+01, FdSDp08, FAS94, GI95, Gor91, Ha686a, HJ90a, Har90a, HOT97, HG91, 
HS99, HUMT92, JG14, Jna96, Joy87, KB98, KD91, KP93, Lai97a, Lai97c, LL97a, Lee93, 
LTT92, LBC10, Lin12a, MER17, Mar84, MB97, MTW97, M0HB08, NHH+12, OC90, 
PSMB01, PPG+10, PD98, Por93, RR09, Rx91, Rv92, Ssf15, Sca88, SG91, Sch91, 
SAH12, Sta90, TC93, TNJH07, Uck91, WH99, WYZ+18, WRS+17, WNNM86, 
XPBC11, YH10, ZC06, AR12, ABCH3, AMAY9, AZ11, ACB18, AJCM08, AC16, 
AC11, BM05, BCW05, BDO11, BNS12, BCV06, BK17, BH09, CCR14, CCO05, 
CGP+09, CDS07, CF13, CPD+18]. using [CWH00, CNL13, CWS10, CCWT13, 
CWS13, CCC9b, CPL+04, CM04, CL15, CL17b, CK02b, CBL+15, CDDF99, 
CHCO11, Dar02, DW11, DYC19, DPP+18, DPSU06, DCH02, EEAZ13, EMM01, 
EBEL18, EE08, EL07, FS19, FWTC05, FF12, FCSM09, FWA09, FSS+13, GBL08, 
Gok09, GDH05, GS07, GZKL13, HPT07, HZ15, HTK00, HYX+04, HSPD14, HCC91, 
HCS09, HC10, TCL12, HPF16, HFC+01.
HB89, HCC10a, HY03, HWML04, HCC10b, HS11b, JS99, JG08, JJP02, JZ07, JJC+14, KMSMD08, KHS10, KHS11, KSN17, KNA11, KSR18, KM11, KC09, KA14, KRC00, KCB05, KKL09, KMWL12, KKP12, KLB15, KMK16, KV05, KRCK08, KP07, LAi95, LMH10, yLCY98, LH98, LL00, LK16, LL06, LZL+06, LWXZ10, LQW+12, LWC13, Lin16, LM96, LDL07, LLX+11, LZKW12, LZ12, LJM96, LQC+14, LTW16, LXZ06, MH12, MMSD13, MM14, MKH+12, MB06, MRBN17, MTF14, MK08, using [MDFG08, MS17b, MBPM19, MC10, MB10, MGM16, NCI3, NBH19, NJK10, OCC12, OH15, OKS+15, PS13, PG05, PNK96, Par00, PK02a, PWWH06, P09, PB11, PD16, PP+15, PXT+13, PCCL05P12, PFF12, PRN17, PMB15, PB04, PWC12, PP04, QBO+14, RSB+14, Rov03, RCVB11, RHR15, RCS15, SAA+10, SPR17, SRS16, SMH10, SKE10, SBZ+17, SP08, SSP17, DSSJ10, SPD106, SN07, SKW06, SH07, SLY+17, SPSM10, TJH15, TAF+17, TSA08, TK14, TQ05, TN05, TTC18, TKP+18, TW07, TLL13, TD+07, TXCX19, UUN11, VVS99, WRT13, Wai05, WCLL09, yWpNyL11, WAG15, WXC15, WL16, WLL19, Woon12, WB15, WH03, Wu11, WCB+17, XZP+10, XLM+15, YC09, YWT11, YSL+10, YYWW16, YZL+14, YLC06, YHHR03, ZK04a, ZK04b, ZLW+12, ZYYZ14, ZL07, ZLaLN14, ZBLG07, dOCS13, rHHM17, vHJPB+17, HSS10].

Utility [AH90, Rv91, CTL08]. utilization [BSKL10, CSGL05, HLL01a, KL07b, NZM10, PNK96, SM08, WCLL07, Ze08].

Utilizing [GSM15, LWM12, PH08, APT+12, ES97, SK10, ZJJ11, SRBT18]. UWIS [ONZ09].

Vadis [MWH97]. validate [BHH+05, CGP+05, MM19]. Validated [Ha869b, SGK12, HCS04]. Validating [BCV06, EB00, GMP94, LH95, XHM+11, Ze09]. Validation [BS93, EC98, Pas96, An93e, AMGG14, CCG10, DIO5, EZOK14, FIBRGLN05, FA13, GKV14, GT15, GDH05, Gur01, HP16, HKS+17, KKH+16, KM13, KMK+07, LJJ10, LLK04, LMGB17, LXJ10, LW07, LT08, LSLG17, LHP+09, LHP+10, MPL18, OOD09, SCMS15, SD08, SMK+18, Wie14, YXP+18, ZJDB02]. validity [JZ07, VHL14].

Value [Gon95, ASG17, APS16, CS13, HCL12, HSS14, LMGB17, LS05b, LW09, MKS+18, PCYZ12, Shi17, TC16a, VK08, VvSvV16, WWTH08, YWTW11].

value-based [PCYZ12], value-oriented [LMGB17]. valued [KLB15, VL94]. values [KK11]. VANETs [ACL13, ACSC16, WOC15].

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

variant [CN16, JOZ03]. variants [BZ10, CRC19, LNT19, MAGC+17, RBU18, SSS17, WL09]. variance [LMT16].

variations [RF14]. Varied [YWW10].

Varieties [YWTW11].

VAS [SC14]. VCR [PLF05]. VDM [BM93a].

Vector [FSS+13, AM04, CL06b, EE08, LBX12, PH06, PW10, mSgL05, TTL10].

Vectors [CKCK15, LNW03]. vehicle [BKLE18]. vehicles [MHDG18]. Vehicular [ACSC16, ACF+07, ACL13, Cho13, HWHT11, WOC15].

van [WL15].

Vein [WLL15].

Verification [CHL+08].

Verifiable [LC02].
Nit96, Nit98, NS83, TLW07, TK91, ABB15, Ano93e, BS03, BBA10, BK11, CCR14, CWP09, DAR14, DBZ16, DC09, FDN+16, GHKR04, DDF+13, HALS08, HZ97, HZH92, HA03, HLC+09, JC98, KK12, KSN17, LT07, LCLP16, LS05a, LLL17a, LSLG17, MS17a, MA11, OBS79, PJT+17, SL07, SK18, XYS07, dRt06, verified [CJT04, YHM+14].


video [BG09, FGGC10, HH05, KD05, LG05a, LT09, LLML13, MLHL12, MK11, N99, NS00, PTM08, PLF05, THP+06, TYH04, ÜDUG04, WJT09, XLM+15, vDSJ+07]. video-on-demand [NXS00, PLF05]. video-streaming [MLHL12].

videoconferencing [HYC02]. View [Gla97m, LIC92, CV14, DZ+14, GLWY10, HR95, HC01a, NI13, OSG98, RS06, dMSS+13, SBA97, VC97, WSJK08]. Viewed [Del92, Kd15]. viewing [LWS+03]. Viewpoint [Gur01, VCB+18, XSS06]. Viewpoints [PNM04, AAA11, FCL+00, GCLD13, KvV06, vJJPB+17]. Views [Lan90, TKU93, Uck91, BH02, BH03, CZH+08, Deu01, Gar13, JKD02]. violation [YS13]. violations [CF12, LN+11, SMR09]. Violence [SM92b]. Virtual [LLT92, SSCM+04, ZDC+11, ZG07, ABB19, AdAD17, AO16, BML+13, CG03, DSC+08, FGLI15, GD04, GAT15, HSR01, KK11, KCV11, LQW+12, MCC+18, NI13, Oi08, SK13, WXZ+17, XZZ+16, ZWC+19, dACM17].


voltage/frequency [CS12]. Volume [Ano97m, Ano97n, Ano97o, Ano98f, Ano01c, Ano01e, Ano02f, Ano02g, Ano03a, Ano03b, Ano03c, Ano03d, Ano04a, Ano04b, Ano04c, Ano04d, Ano04e, Ano05e, Ano05f, Ano05g, Blu89, Ano85a, Ano85c, Ano01d, LMT16, Ano02e]. vote [CY00]. Voting [JT97, BS09, CW09, WKV11]. VQ

Vs [Sca88, BBP96, CFRPC +18, ETM10, FWH97, Gla91c, MDFG08, Rei90b, SSCM +04, SMS11, THGL07, TDK +07, YCG +14, Zuc90b, Zuc90a]. vulnerabilities [MV09, MKHLB16, PDK +16, STS +19]. vulnerability [CMM15, HLLS13, LZKW12, SG16, SZ11, SA18, ZLC +14]. waiting [SBZ +17]. wallet [JL04]. WANS [HBG +14]. warehouse [HL00a]. warehouses [FS14a, MTF14, ZM06]. warehousing [HC01a]. warehouses [FS14a, MTF14, ZM06]. warehousing [HC01a]. warmup [ED06]. warning [Gla98e, LKB06]. WAS [WGC +14]. Waste [KM14, AKA +15]. watermark [CL08, HB13, TLL13]. watermarking [AMK12, CC02b, CCL11, CT11a, CSS +13, JK13, KPS10, KM11, LSR13, LXCMI1, Lin00, Lin01, Lin14, MM13, MM14, MK11, PWLL13, PWW10, PKS18, mSgFl05, TK14, TTL10, TPKT12, yWpNyL11, yWpWyYpN13]. waveform [CCWT13]. wavelet [AMK12, BGG09, KRCK08, LXCM11, yWpNyL11, WS13]. wavelets [MMSD13]. Way [Gla92h, LKJL01, Wey99, WLL17]. ways [BS09], WDM [WHY +06]. weak [PG04]. weak-branch [PG04]. weakness [LKH09]. Weapon [Coo81, Ssu83, Gie79, Sal80]. weaving [AMKD13, HPF16, MKS10, WPP +09]. Web [LZ07, Pon03, Zha08, AIE19, AdB13, AAB19, BPO +16, BMKM15, BAA +17, CM15, CCY11, CCH14, DH13, FMP +16, FG15, GLJ13, HYA11, LXLJ10, LASL14, LSLG17, OM13, OLV15, OD17, PDK +16, RAS14, RHRC13, RAJ15, SAA +10, SKF17, TTC18, TPGDS13, WLL15, YLC18, ZTCZ16, AP09, AT09, AKP04, ASS07, AV04, AV08, AM10a, BM05, BPGS13, BLM10, BCG +13, CT08, CDEV08, CCC05, CHZY03, CLG08, CH10b, CE08, CRESF +13, DA07, DJW08, DBCG14, EAH +11, EZRK16, ECRVMS11, EUR +13, EZG15, FAL13, FCL +00, FsSdP08, GMGTdFR14, GLJ13, HMP99, HYC02, JR09, JRB +06, JSBR09, KUME99, KDS +08, KM17, KR14, KLC02, KKK08, LS04, LKL +11, LAT10, LLW114, LT08, Lok06, LICA09, MT07, MPST06, MA09, MCM05, MDFG08, MSA08, MIBV14, MAS13, OGK13, ONZ09, Pon05, Pon06, PÁC13, PQLN04, RDR06, SMG08]. Web [SRGL08, SBM16, SBTG13, SM06a, SS +09, aSRS +10, TTM13, VGM13, WDC08, WZW +14, YWL02, ZK04a, ZLT10, ZWM +18, Zha09, ZL04].

CK02a, CK02b, EFG+08, GLWY10, HL09, HR10, KSKP11, KY09, LWXZ10, LTC01, LWC06, MCTM11, MLC09, MIUM12, NKMM12, NTRN11, NGM08, PDK+16, PK02c, PWLH06, PILO06, SM17a, SVMAM04, TLWS10, TH02, YSK06, YC08b. 

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