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Title word cross-reference

\[(k, n) \text{ [YC11]. } (n, t, n) \text{ [LHYZ12]. } 1000 \text{ [ABJ}+17\text{]. } 2 \text{ [ABA08, BMAH11]. } 3 \text{ [BMOKAM09, BGG09, GCLD13, JSL16, MKH}+12\text{]. } 3 + 1 \text{ [FUG12]. } ^+ \text{ [WH99]. } \text{ }^2 \text{ [NJ17]. } ^{\text{th}} \text{ [KT16]. } \alpha \text{ [TTL10]. } \beta \text{ [LM94]. } F \text{ [CJP98]. } HV^2 M \text{ [CBZ}+16\text{]. } i^* \text{ [DCG16, MNSA16]. } K \text{ [HKS}+17, \text{Nei97, BRTT08, Cho13, DT90, DS94, LZ12, MLLK11, SHN14, SSCL08, Zha12b]. } L \text{ [VH89]. } M \text{ [MMSD13]. } M^3 \text{ [DAG19]. } N \text{ [EL88, Pha94, LKJL01, SPSR17]. } O(1) \text{ [PNY14]. } p \text{ [hChSyCwL10]. } q \text{ [GMS11]. } R \text{ [Kor99b, SC00]. } t \text{ [LYX09]. } Z \text{ [FF96, FRF98].} \]

* [TTC15].

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

\text{.NET} \text{ [BS03, QOLJG16].}  

/\text{M}1/\text{Fifo} \text{ [MR86].}  

1 \text{ [Bel91, KJ10, Lit90, WL99]. } 1-2-3 \text{ [Lit90].}
103 [HST16]. 109c [Woh16]. 10th [DGV08].
11 [KT16]. 128 [TSLL11]. 13-round
[TSLL11]. 133 [YMM+19]. 1471 [KvV06].
148 [WLL19a]. 15504
[EG00, EB00, EJ01, JH01]. 1679 [Coo81].
192/256 [LGLL12]. 1980s [Gla92d]. 1990s
[Ano92f, Gla92e]. 1996 [BT97]. 1H
[JCYT16]. 1st [CBVD07].
2 [AACL02, CT00, WM90]. 2.0 [BCG+13,
CIB+19, GCC+15, GLJ13, OGK13]. 2004
[LC06b]. 2007 [GH08, HLM+09]. 2008
[TYT14]. 2167A [Wal91]. 23rd
[Bor12]. 24-h [JJ06]. 256 [LGLL12].
3 [Lit90]. 3-Disjoint [CLC03]. 3/layer
[DG+07]. 35th [WC16]. 3E [ZGSH13]. 3G
[Ski13]. 3GPP [EZO14].
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
[YWE1+13]. 85 [WZM12a, XZT13]. 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 [BYY87]. abbreviated
[ONR02]. ABC [YAY13]. abilities [WS13].
ability [WS12, ZXL10]. abnormal
[GHBD+16]. absorptive [MRM16].
Abstract [Be91, Car96, YHM+14, AR12,
OMLB16, PC10, Vla98]. Abstraction
[BW83, MM81, MG81, Nit96, Nit98, CS16,
SKE10, SD02]. Abstractions
[How80, VP92, KB98, OBS+18]. Abuse
[Got92b]. Academia [Wey01, GK18].
Academic
[BKW10, BHR89, Fra07, KBJZ15, Lai09].
Academic/Industrial [BHR89].
Academics [Gla00b]. Accelerated
[AN10, PS14]. Accelerating
[BRTT08, KMK17]. acceleration
[EHKH04, MN19, XZZ+16]. accelerator
[GGK19, RBT11]. accelerator-based
[RBT11]. Acceptance
[Gla93d, DLW+13, OD17, PR10, RBS19,
SCC16, UN09, VHL14]. Access
[CH83, Ha86a, HB83, Hen95, MO90, UH86,
Uln97, CET+08, Cho04a, Cho04b, CHL05,
CC05, CH05, CHY+05, FBB15, FNWL18,
GAT15, HH05, HY03, HCC05, JW06,
KKL+11, LNC01, LLLK12, LCH02, LH11b,
LY01, MJ18, MGS10, NZZ10, Oi08,
PCCB+11, SM17a, SC07, W05, WH15,
WS12, ZML17, BDGP13, KES+02].
accesses [EAH+11]. Accessing
[LNY06, LHL05, LO04, MCV15].
accountable [ZZ12]. accounting
[Al12, TDL+02]. Accumulation [Tör90].
accuracy [CS15, KPM02, KPM05,
LMYMT+08, RSB+14]. Accurate
[LLZ14, PPM17, TAB+16, BNS12,
ED04, PSM12, ZCY+16]. achieve
[Ano87f, RVM09]. Achieving [ADET12,
AGR19, Bol97a, FMP09, KWME99, Lam97,
NSD+16, PDL+16, SLZ12, SPMG18, Ber94].
ACL [PGRQV12]. ACODF [TTWY04].
Acquisition [SL96, Tar92, CS01, Eri92,
KCL15, LMT16, NK15, OZK97, RR09].
across [FF95, IBP03, LT09, MGE03, PAB+17].
ACSE [Lai95, LLL9a]. Action [kAR+19,
BP13, CC07, MOC00, ROM98, TTM19].
action-based [CC07]. Action-Oriented
[kAR+19]. actions
[KHC16, SDB16, VSV16, CGP+09].
Active
[KPG+07, PW87, WNHM86, WOH08,
Active/Standby [PK02a].

Activities [SSR18, Al12, AAN11, MG04, ROR11, RDVC19, SSA08, Xia13].

Adaptive [ETM10], actually [SL08a].

Ada-like [CT94].

Ada-like [CT94].

Adaptable [CS04, HK09, RS06, SK04, EMSU11].

Adaptation [PW92, WKM94, APM+14, ADET12, BGEPI7, BBD18, BMLLI4, BB05, CCDL16, CPYZ12, CG07, DPU06, EGG+11, FDSDP08, FCB+16, GBH+16, GSP+19, GDSB11, HKY01, INS00, JS13, JS16, OC04, POT13, RAD04, SH17, VSS+11, XCMI+12].

Adaptations [GRS92], adapted [TPGD13].

Adapting [MHB18, SH17, BJG11, CELS07, HG+12, SBB+16, CR89, PH13].

Adaptive [AR12, ABB15, BH93, CGH07, CW97, CL08, CLKL09, CKMT10, CT11a, CKC15, DGV+07, GL05, HyLW+12, HYC04, KR16, LU06, LWHS05, LG05a, LCLF13, LGX010, MSHG18, PKS05, PSH06, PWLL13, SF92, TSSD09, Aki18, AG15, ARS17, BS+18, BLM15, BLM08, BFV04, CJHB08, CCI+16, CSSG05, CLKL08, CLH+13, CHLI7, CZC+18, CGPT14, EEA13, FS19, FBGC10, GZKL13, HWR17, HC04a, JC15, KKG+12, KSA0K04, KCB05, KD05, LT07, LT09, LCF+06, LG08, LXC13, LC98, LWW+10, LZR16, LYC14, MLLK11, MPST06, MVI05, MK06, MHC00, MN+17, MCA+12, ND18, PCHW12, PPMM12, PPMM17, PZ15, QXYL16, Rav03, RH06, SMG08, SA+10, SB17a, SYB12, SRW010, SG06, TJT+18, TC06, VA08, WDC12, WCX15, WMS12, WKH11, YHZ+09, YXP+18, ZC06, ZL07, CH05, LCL17, SD16b].

Adaptivity [ZHGL11].

Adaptors [AMNT08].

Adding [KCR16, MTF14, RUV92, CLL05].

Addressing [Jef96, GSN+15, WJ99, HR95].

Adapts [EK00].

Adjusting [MG11, Oja16a, SV11, CV14].

Adjustment [UH96, ANM15, MCC+18].

ADLs [WB15].

Administration [DR84]. admitted [MK+18, SSK19].

adopt [PWS+15, UN09, WZ09, WZ11].

adopted [CH07b].

Advanced [CY04, GKO19, LJA+11, ZS05a].

Advancing [SW19].

Advantage [Gla97f].

Advantages [CDS07, PW09, VC97].

adversary [DOCS13].

advertising [AM10b].

advice [KJ99].

AES [BBBP13].

aesthetic [LQLC16].

AFChecker [LXC13].

affordable [CCG+10].
[Gla98f, JBA08, KQ17, PTRW04]. against [BBBP13, HHH+10a, KKHH11, OLV15, SCH05, SC09, TLL13]. {Age} [Rei87, SSmvD16]. {Agency} [FK92, ML03]. {agenda} [AS16, FS17, WD07]. {Agent} [AM04, CCG+10, CL04b, GGS15, LN13, ATHM17, AN16, BHAM09, BM17, BWM06, CTP05, CC08b, CET+08, CLC08a, Cho05, CNKL12, CMNA+09, GMPN16, GRBNA10, GTA09, GCC+15, GZKL13, GGM11, ISM11, JZL07, JS16, LH04, LG17, LTO9, LSH09, MV05, MV06, MIBV14, OKS08, PCC09, PA99, RMC05, SPTM15, SC+S06, SSTD, TkA+02, WPH+S01, YGH+S08, ZMB14]. {agent-aided} [CPT05]. {Agent-based} [AM04, GGS15, CC08b, Cho05, LH04, SC+S06, Shu99]. {Agent-oriented} [CCG+10, LN13, ISM11, OKS08]. {agents} [CFN07, GMB+09, GHK05, GDH05, HWH+S03, JSM10, JRO12, MHW01, S¨AMI17, WGC02, WBV+S06, WM99, ZK04a]. {Aggregate} [HCT+S15, Mot96, LCC10, Shii10, YDGB+S12]. {Aggregate-strength} [HCT+S15]. {aggregated} [CCMOM19]. {Aggregation} [Bar15, AKB11, BLM+S08, MT10, SGBCP12, YCWW15]. {Agile} [CP15, DvdVA+S13, GN15, KSM+S16, MB10, NRG08, ASG17, AVGM19, AL05, AD17, CCP18, CC+S08c, CLL14, CBV19, CNMR18, DPL16, DNB12, DCT17, DGCA17, FFdRG+S14, FMRM15, GR05, GTF15, GTF17, HF08, HDGZ06, HM16, KMI4, LSD+S16, MHB18, MTVS18, MKK09, NB16, NBF+S19, OK18, nPHW+S16, PW09, QHS08, SS12, SDG17, SND13, Sta14, SHHL12, WK15, WCC12, YLA+S16b, DCP12, HL10, JMM17, LGC17, OD17, RKK16]. {Agile-developed} [OD17]. {agility} [GT15, JWA+S14]. {agilization} [TBD+S08]. {aging} [ACW10, JX07, PMM11]. {agnostic} [ASMM18]. {agreement} [IB11, LLY07, LK09, NLK05, SCH05, TLL12, Tse07, WY04, OHJ10]. {agreements} [FG+S+11, IYS+S13]. {Ahab} [SCMS15]. {ahead} [YCF+S+13]. {AIDA} [EOM95]. {Aided} [Amm91, BTT84, CPT05, Mey88a, MB17]. {AIOLOS} [VSDD12]. {air} [HWHT+S11, MPTT14]. {Aisim} [Mer87]. {Ajanta} [TKA+S02]. {ajax} [MV+S08, YM13]. {al} [SCL07, WYL06]. {alarming} [BRG+S12]. {Alberta} [GV10]. {Albrecht} [Dol97]. {Algebra} [Bra96, MR84]. {Algebraic} [BCFG86, DGM93, KHV+S06, Strait15]. {Agile-developed} [OD17]. {agility} [GTF15, JWA+S14]. {agilization} [TBD+S08]. {aging} [ACW10, JX07, PMM11]. {agnostic} [ASMM18]. {agreement} [IB11, LLY07, LK09, NLK05, SCH05, TLL12, Tse07, WY04, OHJ10]. {agreements} [FG+S+11, IYS+S13]. {Ahab} [SCMS15]. {ahead} [YCF+S+13]. {AIDA} [EOM95]. {Aided} [Amm91, BTT84, CPT05, Mey88a, MB17].
Aligning [GGT+19, VvSvV16, CRESF+13].
alignment [BCV06, LMR12, UGFK15, VLC+17, CBVD07]. all-port [MV10].
All-uses [FWH97]. Alleviating [MARD16, WWC98]. Allocating [MV10].
All-uses [FWH97]. Alleviating [MARD16, WWC98]. Allocating [MV10].
All-uses [FWH97]. Alleviating [MARD16, WWC98]. Allocating [MV10].
RPT19, RGH17, RITF+11, RASL12, Row86, SG16, SKZ+04, SNBH08, SK11, SS12, SCwY12, SC88, SGC+17, SW09, dSSVVL11, SS04, SM08, SRBT18, SZ13, SLL14, SLL+15, Stu00, SPZ06, TNIH07, TNK+19, TASA08, TXCX19, TCS19, UN09, VZT+17, VCMG17, VHFF+17, WCC12, WLZ+17a, WZY+18, WKGW19, Wei79, WKV11, WV11, WG05, WPP+09, WMOY11, XYCL17, XNP07, YAY13, YLXZ16, YSO2, YFT+15, ZP00, ZSP01, ZY2+17, ZJDB02, ZP15, dB12, dBvV08, JR15, LBvVB02, MS17b, ADZ+09].

anonymity [MK15a, YL16]. anonymous [CHL+08, FHHL09, Glu95]. answers [TLW10, VLA94]. ant [MDO+10, TJH15]. Antecedents [GA11, LCC10]. anti [CHY+05, FHL+18, MSK+17, QZ14, Sta10]. anti-forensics [QZ14]. anti-patterns [FHL+18, MSK+17, Sta10]. anti-spyware [CHY+05]. anticipation [TSSD09]. anticipations [KTVG11, TKCR14]. Antonomi [LJ07]. anything [Gla97]. anytime [DRCA+19]. AOSD [Ano13a]. Apache [MK17]. APDL [KSP11]. Aperiodic [OD10]. app [SL07, BHVR18, CK15, CIIH09, EK15, Gla95g, Sta10]. Apache [MK17]. applets [HWM01]. appliances [ZDC+11, ZDC+11]. Application [WH91a, JWA14]. Application [Alz08, AF96, BFG97, BYY87, Ber93, BL98, CLO95, DDI93, EHS93, FJ98, FAB07, FIGCLN+02, FTSC12, HJ+99, HWLM11, HH01, HSS14, JE02a, JS13, JRO12, KK17a, Kel09, KSHC14, LORB03, LS04, LGW09, LP05, LW12, MMTL06, MJZ10, MR00b, NHH+12, OC04, PC15, PTRW04, PR10, Pon03, RDD02, SCdS+06, SCdS+06].
SRDLCP09, SCC16, SP14, Tan04, TMM19.

Application [VSDD12, WCC12, WK00, WHMP99, YWOT07, YLYL17, ZSG16, ZYHL12, ZS16, Zha16, DFCPSF15, FM11].

application-domain [SP14]. Application-Specific [DK94, SK07]. Applications [Ano86d, CR85, EC04, Goe80, Gom89, HH97, HFK92, IT03, KP97a, LZR04, MD91, MGT09, Sta93b, Zho94, AP09, AdB13, ALT+09, AAC16, AAB19, AHOP14, AMH09, ABFM12, BBG+04, BPQP+10, BZ14, BSDD14, BAAD17, Boz00, BCS18, BK17, BPB19, CG15, CdCAdO18, CELS07, CCCT06, CLR18, CJZ04, CLGL05, CZL07, CJ09, CC05, CRKH11, CCGdL16, CRESF+13, CF12, CGPT14, DGV+07, DBO05, DAV99, HCH02, DK01, DHC+11, DS16b, DAG19, FL09, GE15a, GBRN10, GBCI11, GD04, GZKL13, HL01, HGP+12, HCY19, HLU08, HKW00, HS15, ISS98, JCJ99, KDS+08, KHL+99, KRJ17, KCS01, KVH12, KQ17, LLY07, LXJL10, LZJ+19, LG05b, LGL08, LT08, LCJ10, LZHS11, LXC13, LASL14, MV05, MV06, MBD13, MGR+13, MK15b, NOPF12, NK15, NBR+14, OGK13, OD17, OZK97, PL94, PDK+16].

approaches [PLHP+15, PG15, PMMM11, QGZ+15, RAS14, RHHT18, RLY+13, RAJ15, RB16, RMD11, SP09, SRWE10, SUS04, SC14, SHS+07, SH17, SFSE05, SC19, SBB+16, SBB98, SLL12, TKZW17, TJT+18, TL99, TAF+17, TL09a, UKH17, VVA+15, VSS+11, VA08, WVV+14, WDC08, WWZ+14, WXY+17, WH15, YXH+18, YXP+18, YS04, YM13, YGN+16, ZCT+09, ZT07+11, Zhuh03, Zhuh04c, CCCY17] applied [EFV19, LNPAGD+06, PPG+13, PB00].

Applying [BS93, BRs+18, CDS02, FSG12, Gon08, KS96, KHM13, 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, BAH96, BST93, CB89b, Car96, CW09, CPDM16, DA86, DK97, DLS94, Dl91, Dye87, Dye93, Fra90, HZ84, HP16, HOT97, JBv83, KL05, KAL97, KSW93, KCK+98, Lam97, Lan98a, LF96, Mai96, MC91, MWH08, MR83, Mue86, NS83, PM90a, PdF97, Pow86, Rv91, Rv93, She90, SCK95, SDB16, SCK86, Th96, TM97, WLP95, WFW94, ACF+07, ABA13, AIE19, AdB13, AMK13, AM15, AHBA19, AM04, AGC13, ACH19, AF16, AdB17, APS+10, AGR19, BML+13, BM00a, BKH10, BDGR01, BHN02, BBC05, CCW+01, CPT05, FGB+19, CFFT08, CG15, CF13, CELS07, CWK+11, CCH07, CCY11, CCW02b, CC03, CC07, CCKM09, CCH17, CHLW17, CZC+18, CBZ+16, CJT01, CCL11, CHL+13, CAG17, CCO11, CLK12, CLF+13, CKS15, CGPT14, DBDCP11, DV10, DWC17, DAG19, ESH06, EHGO16, EZRK16].

approach [EBB09, FVHF+15, FdOdL04, FG15, GE15a, GN15, GMNP16, GM02, GGB19, GP98, GMLSF+15, GCSSDP+18, GPHS08, GPSS+13, GMS07, GSB+07, GEM15, HBM19, Hb17, HJ14, HTK00, HK98, Has98, HNH15, HNS12, HPF16, HK90, HCC08, HZCD05, HLLS13, HWML04, IBM11, JS11, JG14, JF99, JC15, JCK+17, JMM17, JMM99, Kam89, KCT12, KR14, KRJ17, KKH+16, KVG31, KY08, KY10, KKL+11, KL15, KD18, KGT02, KMS09, KTF+16, KR16, KS16, KSS15, KHM13, LMv09, LMM+17, LNC01, Lec07, LNM10, LMGHB17, LNY06, LZJ+19, LWXZ10, LT11, LLWL14, LM96, Liu98, LW07, LLWL19, LASL14, LJJ99, LJM96, Lutt00, MMP15, MLB09, MPTY14, MFM12, Mer13, MM00a, MDGC06, MdFD+15, MA11, MCS+12, MR00b, MA17, Msr99, Mur08, Mus03, Nae01, NEM17, NRGS08, OZO+14, OKT09, FS13, PL94].

approach [PS15, PCC02, PB11, PD16, PBTP08, PLGT10, PAR14, PCCK18, PMB99, PP94].
PAS⁺10, PSG⁺09, RT07, RW00, RM19b, SCS15, SM09, SL10, SAMN12, SĂM⁺16, SPTM15, SL03, ST07, SMCL96, SAKZ15, SJ13, SSP17, SHC⁺11, SA18, SJH⁺10, TBsvdW18, TVA04, TB13, TGP11, TK00, TTWY04, TL07, TT13, TTT14, TTM19, UK17, VAM⁺10, WDC12, WMW⁺19, WV11, WC99, Wi11, WLD16, WDN05, XYCL17, YR09, YSSaR14, YZC15, YYZ17, ZERO00, ZMB14, ZSM04, ZYZL12, ZHou03, rBHM17, BBEM11, KLRW01.

Approaches [GMMGP15, KO95, KML94, LCY00, RBCM91, VLC⁺17, VP92, AJG⁺15, ABCH13, AAGT16, ALRP16, BKS15, Bat08, BS15, CNSG12, DA07, ESM⁺19b, FDĂM12, GSM19, HKN⁺07, JSHW14, JZ05, LS05b, MKH⁺12, MH04, PFG13, PMB15, RGV⁺17, Rey07, RM19a, SGMHJ13, SS14b, SH07, TAF⁺17, WCC12, WNC17, dNPM18].


April [BT97, KT16, PH07]. AQUArIUM [CdCADo18]. Arabic [AA98, Mus03]. arbitrary [AGBYB⁺14, CCW02b, GBC16, NX00]. arbitrary-rate [NX00]. Arches [DSSL09].

Archetypal [RRC07]. architect [HLvV11, MTA⁺16]. Architecting [DLM19, FB04, dLRG06, AdB17, FM08, PB19, TJB19, PvV12]. architects [Kr108].

Architectural [Lea95, LL15, RAS14, UB19, YWLG02, dBvV08, AAAC07, BGS⁺16, BBA10, BMB18, BGG⁺06, BWH01, CLS⁺12, CH10c, FLRT19, GLZ15, GPS⁺19, GPML06, HZ15, HYS⁺04, JBA08, KOS15, KKLP09, KG10, LJA⁺11, LJDK10, MCV16, MvdD08, MFM10, MPL18, PSEE12, PTB08, PPM14, RLvV06, SB17a, SAMN12, SM09, TKCR14, TGE17, WDS09, Wi103, WSQM05, WOo12, XZAR06, YLA16a, YLA⁺17, ZKL⁺09, ZMK12, dRSBA13].

architecturally [MSGM17]. Architecture [Amb87, BCEF10, BLBvV04, DYY99, EB14b, HJ09b, IMM95, JO83, KP97a, KT16, LJJH10, LH12, LH04, LGGZ13, MAG12, MOH16, RC89, SSpR18, TL96, TKH⁺11, WPC06, ARS10, ARS10, ANH07, AG08, APCS10, BKZ⁺06, BL09, BJ03, BNW⁺08, BKH10, BLTY18, BGG10, BL03, BCL12, BKR19, CCdL⁺16, CJT⁺16, CT13, CDS02, CLL05, CJZ04, CHLW17, CG12, CD10, CS04, CFN10, CMS04, CBS00, CKS15, DYC19, DHL06, DK01, EK00, EK13, ELH13, FCB⁺16, GMW14, GBH⁺16, GGvH⁺18, GFP11, GK14, GCLD13, GAKF13, GDSB11, GPL⁺15, HNZ17, HBM19, HJN11, HA10, HN17, HKN⁺07, IFW07, JAdvD09, JHSB09, JRO12, KTT⁺17, KDS⁺08, KB06, KGW12, KL10, KPS⁺04, KH14, KLY03, KPT09, KKL09, KK08, LRvV03, LC07, LG17, LPXL10, LGL08, LL⁺11, LLH⁺16, Lop03, LICA09, LZR16, LG03, MCC⁺18, MS16, MEB⁺10, MKS10].

architecture [MAH18, MK08, MKNS06, ME10, MDR06, MCV15, NFSM11, NHH⁺12, PWCC01, PGPC17, PM94, Pot13, PN07, RRD06, RPT19, RS06, SNBH08, ĺK11, SA12, SMHMA08, SLB14, ST07, SSS17, SMS49, SKRB19, SSM⁺09, SHC⁺11, SHGT16, SC09, TBGH06, TJH07, TNN10, TAJ⁺10, TL14, TSA08, TFS10, THWC10, UD10, VCB⁺18, Vla98, VHFF⁺17, WT01, WB12, WMC17, YLA16b, ZKI3, ZML10, ZMAY08, ZMK12, dBvV09, dBvV03, dB12, vHAH12, vHJPB⁺17, vVT16, vBSS⁺19, AJCM08, ÇT13, EMSU11, LBvV02, Wei79].

Architecture-based [MOH16, WPC06, CCdL⁺16, CG12, EK13, FCB⁺16, GDSB11, LZR16, MKS10, MDR06, ST07].

architecture-centric [SNBH08]. Architecture-driven...
[DY99, MAG12, MEB+10].

**Architecture-level** [BLBvV04, LBvVB02].

**Architectures** [AT97, CFK91, Gom95, Ulu95, AB16, BGH03, BD10, CBT+14, CGG01, CS01, CNGS12, CHL+13, CV16b, CPDM16, DGP02, Del08, Dut15, DAG19, ELK06, FdSBR06, GCC+15, GWdO8, GA13, HTB12, IT03, JE02b, KRD16, KPS08, LCM+04, MCV16, MK11, MGvFGCB10, NCWK18, PN14, PNMO4, RR98, RSP03, SRWE10, SO03, SG06, SM07, TDL+02, UZ09, VZT17, WRTP+13, WB10, YHZ+09, BBEM11, CFFT08, MPRS14].

ARDIN [CG03].

Area [MMTS15, DFG+13, HBG+13, HYC04, LY09, LLS11, WCC13, Z ´A15].

Areas [Gla92a, HWHT11].

argument [SGC+17].

argument-fragments [SGC+17].

argumentation [MOH16, YFT+15].

ARIA [Kim12, TSL+11].

arithmetic [LWC13].

ARP [SSK08].

array [HY00, HY01, MJ89].

array-theoretic [MJ89].

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

Arrivals [BFC92].

Art [FG94, ACS13, ABL15, GAMW14, Hat99, LDS+19, MDP+11, MRY17, PMR16, PW09, Sto92, TJT+18, WMAS12, CWP09, CKMT10].

artery [CCWT13].

article [Ano87d, Ano19l, ML08].

Artifact [CFRPC+18, HMG96, WW09].

Artifact-based [CFRPC+18].

artifacts [GE15b, RGBM06, SRBT18].

artificial [DRCG12, KCV11, KR16, PP94, dBTdSS08].

ARTS [DF84].

Asia [Zuc90a, Rei90a].

ask [BDDS11, vAAJ16].

ASM [JM06].

ASM-based [ZM06].

ASN.1 [LL99].

aspect [ADZ+09, AR10, LVM07, MGvFGCB10, NFSM11, NBR+13, PFF12, SdSLS+19, VP07, ZMB14, KCS08].

aspect-mining [ZMB14].

aspect-oriented [ARS13, LVM07, MGvFGCB10, NFSM11, NBR+13, PFF12, SdSLS+19, VP07, KCS08].

AspectJ [FDN+16].

Aspects [Sah94, CSF+14, HL94b, LY18, OC04, VM13, Wij03, WPP+09].

assembling [AMNT08].

Assembly [BK85, HMSW03, JMS10, PTBP08, SW88].

Assertion [YRN80, DDF+13].

assertion-based [DDF+13].

Assertions [FAS94, JM90, MGJT87, ABS19, SM00].

Assess [KK81, SFMB16, VVA+15].

assessed [KM13].

Assessing [AKA+15, BHH+10, GC94, JZ07, DPS03, MPTT14, NR04, OLV15, UGFK15, VHL14, Vis99a, FN00, KPS+04, Lin98, NMS17, dAGSdFS+15, SM16, SJH+10].

Assessment [Cav84, CLL14, Gla94a, Gla96a, Gla97a, JM90, KB07, Pre95, SZZ06, SP08, VP92, Vis99a, AD14, AS00, BP13, BW01, Bud00, CJBH08, EFSJM17, EJ01, FG15, Gla95c, Gla98b, Gla99a, Gla99b, Gla00c, GL00d, GC01, GC02, GC03, GC05, HCN00, JWA14, KCAS13, KLA+19, KPS+04, LGM+18, LSV+06, LHC+05, LMS12, LHLG+15, MACB19, MSA08, MR99, MGvFGCB10, NL99, ONZ09, PIG08, PHBJ16, REF+07, RDVC19, SL10, SKW06, SED16, SPSM03, SLLL14, TCG06, WTG+08, WTG+09, WTG+11, Woo12, ZADA15, ZSP01].

assest [BWW+18, OBS79, Rei90a].

Asset-R [Rei90a].

assets [LMN10, TTL+13].

assigned [WWB09].

Assigning [JJ06].

Assignment [KA17, AS01, BNS12, CdCmMNSN16, CY00, KHS11, LLL00, SEL12, LCS16, LMPM18, LZ13, LL14, MLHL12, MJ14, SAKZ15, VVS99, Wen16, ZGL+10].

assist [CHN19a, CKS15, SHGT16].

Assistance [GK91b, SPSR17].

assistant [WT89].

Assisted [Bar92, BHH+12, GH83, RASL12, APS16, GMPN16, HHC12, WWL+10, YCG+14].

assisted-living [GMPN16].

assisting [NWZ05a, GXZ+19].

assitative [MCV15, GMLSF+15].

association [LcLsW06, TL14, YHR03].

Associative [Hsi91a, Sta03].

assumption [YLA+17, ZG10].

assumptions
assurance [AS16, CW89, FFWE17, HNH15, Is098, NDM80, OKMD12, RST98, SM00, WKH+19, ZE03]. Assuring [Hon90]. Astor [MM19]. assurance [DHCh+11]. ASWEC [GH08]. Assuring [Hon90]. Astronomy [DHC+11]. ASWEC [GH08]. Asymmetric [LTW16, CSS+13]. Asymmetric-histogram [LTW16, CSS+13]. Asynchronous [FC96, FG93, Ha´c91, HMG96, KM92, GLJ00, Gho01, LR04, Rav03]. Asynchrony [JLGM17]. ATAM [ZK13]. ATEMES [KSH+12]. ATF [CH05]. ATLAS [CL04a]. ATM [SSK98, WMD+10]. ATNet [BMSB94]. Atomic [CGP+09, WM96, MK00, Rom98]. Attack [DG87, CKW+13, GJ08, MBB11, TSL+11, WYL06, ZZ16, ZL12a]. attacks [BBBP13, BCR+19, GMB+09, KPS10, KKH11, KKP12, OLV15, RZMPM12, SKZ+04, SCH05, TLL13, jWLY+13, YXH+18, ZGZ+13]. ATTEST [NC10]. Attitudes [TKS95, CLS+12, JH99]. attractiveness [AADAD02]. Attribute [FWCS12, Mot96, BV15, FNWL18, KAM13, PKo11b, WZG09, WGC+14, YHZ+09, ZM17]. Attribute-based [FWCS12, WGC+14, ZM17]. Attributes [GR97, AAC+17, BL03, CGSGR06, HPF16, LMPM18, Wj03, NC10]. ATtributes-based [NC10]. auction [BV15, CHL+08, KBRV17, KBRV18, LLL06, TY18, ZSB19]. auction-based [KBRV18, TY18, ZSB19]. audio [BCA+19, HHL06, yWpNyL11], audit [WZG09, ZHAY12]. auditing [YYS+16]. Audits [Ber81, McD02, dBvV08]. augment [SW09]. augmented [GHK05, LGH+17, SS13, VSS+11]. Augmenting [ZY+19]. AUSTIN [LMH10]. Australia [CFSS08]. authenticated [CLC08b, WZM12a, WZM12b, WH02, YC09, YC12, ZG10]. authenticating [Lin01]. Authentication [MKH+12, CTL12, CH10a, CJT01, CJ03, EA11, GJ13, GCSAdP11, HCC10b, HS11b, IB11, JC98, Kan15, LH11a, LT13, LT04, Lin07, NB13, SHBC19, TM06, TLL12, WHHT08, WKH11, WS13, YCYW07, YS04, YSL+10, OHJ10]. authentication-chaining [EA11]. Author [Ano80a, Ano81a, Ano84a, Ano85a, Ano86a, Ano87a, Ano88a, Ano89a, Ano90a, Ano91a, Ano92a, Ano93a, Ano94a, Ano95a, Ano96a, Ano97a, FMSG08, Gla00a]. authoring [BBB11, PSS12]. Authorization [FM87, Lin07]. authorizations [LWLO4]. authors [SM06b]. authorship [DS04]. Auto [TSCB19, AIE19, DVV+16]. auto-decomposition [AIE19]. Auto-scaling [TSCB19, DVV+16]. Automata [SP94, DPP+18, KH06, WKH09, WOLS12, WS13, ABC13, CR06]. Automated [Arc81, BPO+16, Ber91, BNS12, BLOS06, DF84, FAS94, GML05, HWHM02, JSM10, JKL19, MB06, Me87, NBA+17, NS83, PS13, PBC93, PW18, Rec93, SKF95, TJJH15, TBD+08, TSRC18, WL15b, WBS+10, Yeu00, YFT+15, ZAO08, ASdMG14, AHB19, ABC+13, AS17, BSG+18, CCM12, CdCMdMSNdA16, CKW+11, CKS15, DW14, FKWVH19, FGLI15, HBM19, HCW05, JSHW14, LW07, LT08, MG12, MGM16, PG05, SH17, SPLW17, SC88, Sk13, SWES16, VM13, VHFS15, VHFF+17, YLCZ12, CSSW05]. Automatic [ÂGBYB+14, AM55, ABL15, CCCT06, CL17b, CBSM16, DGM93, DBO05, FDÂM12, FMPS16, GLZ15, Gla90b, Hab85, HAE+15, JEE16, KSH+12, LPM15, LQLW12, LMPM18, LSLG17, Ph06, SA08, WRTP+13, YL06, ZL06, dBRT16, AAM+17, CDr+16, CCHT09, DF98, GGVH+18, Glaz, HZ15, HY11, HJ12, HFP16, JF99, KGM16, KBBH17, Lai95, LN+11, LL99, LHP+09, LHP+10, LDS+19, MSK+17, OGRJ+18, PTBP08, PPS12, RJHHK08, SZ11, SAKZ15, TAT+17, TH02, VA08.
Automatically [CHL+19, LHG+18, YFZ+16, ATHM17, GDP+19, RMCH+14, HRRC16].

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

Automation [BMP97, HZ83, ACDG02, BFLZ13, DL06, FVHF+15, Gla95h, GCLD13, KAS18, KMK16, SJR+11, WR14]. Automotive [HBP+17, DNSH13, ELHC13, GD04, MSS18, SP08, fLSN18]. Autonomous [NKJT09, BDK08, EGG+11, MBT16, WDCLO8, WTG+15].

Aviation [HBP+17, DNSH13, ELHC13, GD04, MSS18, SP08, fLSN18].

Awareness [TKSRP11, AHOP14, CBC14, DM17a, EZRK16, FHY17, NBM19, NBR+14, SSMvD16, TR18, UD10]. Awareness [SSMvD16]. Axiomatic [TDT08].

Axiomatization [LORB03]. Axis [Sah94].


Back-propagation [CE08]. Background [SEI89, KM04]. backoff [MAAC17].

backtracking [CC01, YZ08]. backup [CRSS14, MK08]. backward [CPL+04].

Backwards [CCGdL16]. Bad [BAH96, KP10, Gla89h, LS07, WHQS17]. bag [GGS15, PK10a, MK15b]. bag-of-tasks [GGS15, MK15b].

balance [MV05, MK06, Ng99, NJ17].

Band [RT86, MMSD13]. bandwidth [MV05, MK06, Ng99, NJ17].

banking [CDA11]. Barefoot [BS15].

barriers [PWS+15, WR14]. Barry [Fra07, Vau07]. Base [GR92, GSC91, MP90, RT93, Won93, HR95, HCL12, HL94b, PL94, PM94, RC89, SW96, ZS88]. Base- [MP90].

Based [AAH10, Art87, Bar86, Car96, CVG13, CSSW05, DS92, DK94, Dye93, EL94, FM90a, FWD97, Fra90, GMGTdFR14, HLS+13, HC15, HL93, HK92, KHS1, KB96, Ken84, KAL97, KN97, Lan98a, LL97b, Liu93, MG81, MW95, MI90, MIH92, Mos84b, MP90, MP95, NM93, OG80, PBC93, PD97, Pre95, Ry93, Ry93, Ros87, RMC93, SGL93, Sam93, STJ83, Sheet90, Tak97, TW95, YY93, ZF94, ACF+07, Aba08, AH88, AH90, ASGJ13, ABB19, ABCH13, AZGvG09, AZW07, AA07, AN16, AKP04, AAD+16, AQK11, AKAA18, AR18, AG15, AY110, AAH12b, AKL14, ARS17, AAN11, AM04, AGC13, Am00, An89, AAB19, AM10a, ACGS+08, AWSE19, AMNT08, AHC+11,
ANC11, ANM15, BRB14, BKLE18, BM05, BSK+18, Bai05, BHXN05, BM18, BSG12, BRMA+09, BBBP13, BMLL14, BAAS13, BPGS13, BRG+12]. based
[BK95, BCLW11, BDBLP15, BPSK18, BW01, CFRPC+18, Çam99, CCdL+16, CC09a, CD07, ČT13, CGL+04, CFAP17, CC04, CCCT06, CC+09, CBS16, CV14, CV16a, CL06b, CC07, CWP09, CLLL11, CTL12, CNL13, CBG09, CPS11, CMK+11, CJP98, CK00a, CLGL05, CZL07, CC08b, CLC08a, CKL09, CWK10, CSS+13, CW14, CXO+15, CPX16, CSM+17, CZC+18, CCL+19, CG12, CBZ+16, CHZY03, CCC06, CLG08, CJT01, CKyL98, CH07b, CPL+04, Cho04a, Cho05, CC05, Chr99, CHL+13, CFN10, CHCO11, CE08, CKL12, CBC+15, CLF+13, CNLV07, CPR13, CL02, DGBE18, DAC09, DI+17, DY15, DMSG11, De 97, DYC19, DHL06, DB95, DPP+18, DK15a, DPSU06, Di91, DACY07, DFJ19, DK01, DH13, DZW09, EA+11, EBR01, EB14c, EHKK04, EUR+13, EK13, FBB15, FY04, FHHL09, FWCS12, FYCL13, FVHF+15, FKVVH19, FS+16, Fic99, FodL04]. based
[FFV19, FCL+00, FCB+16, FFSS+13, FPW96, FNWL18, FL09, GMR08, GKD13, GML05, GJ13, GVPMP18, GBL08, GMR17, GM02, GKS18, GPM13, GR05, GS17, GFP11, Gie9, GGB19, Gl95i, Gok04, GZY11, GHBD+16, GMS07, GJ07, GHKR04, Gru07, GJ08, GAW07, GCSADD11, GAKF13, DDF+13, GDSS11, GSM11, GPL+15, GLOM19, GSS15, HBG+14, HP16, HSC15, HJBH10, HBT16, HRL09, HHZ92, HMS+07, HZH+16, HNH15, HSPD14, HRB12, HRC16, HNS12, HWC+10, HLA9b, HCY02, HB13, HH06, HH08, HWL13a, HWL13b, HHL+97, HDLK00, HCO1b, HH05, HZCD05, HTH09, HCC10a, HYWS11, HWLM11, HPH12, HLWS13, HKS+17, HZ07, HWML04, HCC10b, HR10, LAA16, IB11, JS11, JVP+98, JR09, JK13, JW06, JHSB09, JC15, JXLC15, JS13, JS16, JTM04, JH10, Jor10, Jun00, JKL19, KBM05, KWME99, KAO13, KBOD9, K07a, KDS+08]. based
[KK11, KOL+14, KVG01, KSAOK04, KU10, KKP06, KYPW06, KTY08, KY10, KKL+11, KKL17, KJ04, KTK01, KKA+19, KSS03, KEK04, KAM13, KB16, KSFT89, KTF+16, KBVR18, KSS15, Kuo04, KLGH07, KKL11, KTK19, LWS+03, LHL05, LJK05, LKR13, LK01, LNC01, LH04, LS04, LPR04, LKW+09, LCT10, LMN10, LC10, LC10, LKL+11, LESL11, LS14, LS05a, LCLF13, LZL+06, LXG09, LXJL10, LQWL12, LHZX12, LWL+13, LG15, LQXC16, LGH+17, LZCL19, LHLY19, LCC02, LP05, LCL08, LL10, LT11, LH11b, LH12, Lin12b, LCC+13, Lin14, LLWL14, LDZL15, LW04, LS05b, LZ06, LDL07, LG08, LC08, LLV+09, LNY+11, LBX12, LKW12, LW13a, LZLC17, LASL14, LL99, LHC+05, LLL+14, Lok06, LHLG+15, LW+10, LW09, LCL15, LWT16, LW13c, LZR16, LLGZ13, MYZC06, MJF10, MOD+19, MKL+00, MKS10, MV05, MV06, MLD+14, MFTP18, ML09, MCV16, MBD13, MJ14, MK17, ML16, MV08, MNP+17, MO16]. based
[MK15a, MBB11, MIUM12, MIBV14, MA11, MGM16, MCS+12, MG07, Moo98, MCKA18, MSB+02, MHS09, Mos84a, MIKG13, MDR06, NT19, NLKW05, NC10, NL99, NKMM12, Nec96, NCW+19, ND18, NPC12, NG08, NGM08, NDS13, O008, OW04, O108, OZO+14, OD17, OLZN13, OSH+18, OB13, ONR02, Özm09, ONZ09, Pal12, PEO11, PADM13, PG05, PK03, PSK05, PB15, PWY+16, PDC01, PAOC15, PTBP08, PW010, Pen11, PCDZ12, PLGT10, PI006, PFP16, Phi04, PPS12, Pl95, PR10, PA99, PWC12, PS90, PP03, PL04, PÁC13, QXYL16, RCT14, RT11, RFM10, RH02, RRV19, RAK15, RZPM12, RO13b, RRW00, RG10, RLY+13, RX+19, RSP03, Rey07, RSB19, RDD02, RCPZ19, ROFGFRM13, RMD11, SCMS15, SM09, SZ06, SRG08,
based [SPLW17, ST07, mSgFtLo5, Shi10, SL02, SAKZ15, SA11, Shu99, SHBA+16, SA16, SM06b, SV12, SSM+09, SDR16, SHS16, SS04, SM08, SCH+15, SGW+15, SZW+16, SZPMK04, SM03, SH07, SHGT16, SLL12, aSRs+10, SHH+15, aSRZ+18, SHBC19, TY18, TJH07, TG17, TKJL13, TBG13, TB13, TGBK, TCC18, TSCB19, TPgdS13, TAB+16, dBTdS08, TKCR14, TL09a, TTL10, TDK+07, TPKT12, TXXC19, TMB19, ULS19, UIK17, VC4A+16, VKL16, VJM06, VHF+17, Wa05, WCH03, WPC06, WC07, WGY+08, WDC10, WY8Z11, WWL13, WC+14, WGC+14, WXY+17, WXZ+19, WYF+19, WKH09, Wau19, WZG+12, WKD+19, WSM+95, WQ05, WQ06, WDC10, WAW01, WLC08, WS12, WY1+12, WOLS12, jWLY+13, WS13, WZJL14, XJZ+15, XLW18, XY07, XLM+15, XZZ+16, XB19b, XYZ+19, YSG17, YY04, YWH11, YCL13, YT+13, YCC16, YLCL17, YLC18, YH19, YGH+08, YS04, YLC08, YL09, YZL+14, YSK06, YBE17].

based [YGN+16, YKC+12, YFT+15, YZC15, YLZ+16, YLYL17, YZ+18, YCO08b, ZEY04, ZCO, ZTZ+11, ZLZ11, ZXT11, ZLW+12, ZM12, ZT14, ZML17, ZHH+17, ZYZ+17, ZWM+18, ZM06, ZCZ11, Z112, ZGZ+13, Zha16, ZWF+18, ZL12b, ZLmLN14, ZSB19, ZYY+19, ZLZ+96, Zhu00, ZSO5b, dACM17, dL13, dCPV10, dNP18, WL10, BLH15, NBH19, TKS11].

Bases [KZ01, Uck91, BF96, MP94, MA94, She89].

Basic [Boe83, GMP94, De 97, KIP10].

Basis [Lea95, McF92, WM90, EVR11, RG79, SXW14, TFLW99].

batch [AR18, SRS15, dSSJV08].

Battle [RB93a].

Bayesian [Bai05, BHXN05, DCT17, KVGS11, PRN17, RSB+16, RWB18, SXW14, TNJH07, YLYL17].

BBN [FY04].

BBN-based [FY04].

BDTEX [KVGS11].
Beyond VCMG17, WMW12, WGH00, dBvV09, 
[FL05, DRCA+19, VRPT18].
Bi-directional [FL05]. bi-objective
[DRCA+19]. Bibliography [Not85a].
biometrical [KLA+19]. Bidder [CHL+08].
Bidder-anonymous [CHL+08]. bidding
[GGC16]. BIDDLE [YY93]. bidirectional
[DGWC16, SHC+11].
bidirectional-transformation-based
[SHC+11]. Big [SKT17, TLK16b, UB19,
GPl+15, LDZL15, SGW+15, VTZ+17,
XLM+15, YF15, Dut15, FGD+17]. bilateral
[JT12]. binary [CY00, CPIHL09, PQBP16,
WCC+14, WLZ+17b, ZLMLN14]. Binding
[Gun91, CDEV08, GJ88, ZS88].
Biographies [Ano81b, Ano81c, Ano84b,
Ano85b, Ano87b, Ano87c, Ano88b, Ano88c,
Ano89c, Ano89d, Ano89e, Ano89f, Ano90b,
Ano90c, Ano92b, Ano92c, Ano94b, Ano94c,
Ano95b, Ano95c, Ano95d, Ano95e, Ano95f,
Ano95g, Ano96b, Ano96c, Ano96d, Ano96e,
Ano96f, Ano96g, Ano96h, Ano96i, Ano96j,
Ano96k, Ano96l, Ano97b, Ano97c, Ano97d,
Ano97e, Ano97f, Ano97g, Ano97h, Ano97i,
Ano97j, Ano97k, Ano98a, Ano98b, Ano98c].
Biography [Ano79, Ano80b, Ano80c].
Bioinformatics [PM10]. biometric
[GCSAddP11, UN09]. birthmark
[CPIHL09]. bit [PMDH13]. bit-rate
[PMDH13]. bitstream [QZ12]. BitTorrent
[KA14]. Black
[AAB19, BAAD17, CF13, ZZ12]. Black-box
[AAB19, CF13, ZZ12]. Blackboard
[JRO12]. blame [DGS17]. Blending
[CSF+14]. blind
[CZL07, HH80b, HC04b, JL04, SHT05,
yWpWyYpN13, WLY06, ZC05]. Blit
[Car83]. Block [HL83, Gok09, GCSSDP+18,
HOR01, KM11, LKH+08, LCLFL13,
WCC+14, WQ06, WLC08, ZL12a].
Blockchain [TMTB19]. Blockchain-based
[TMTB19]. blocking
[KW00, Shu03, TGKL19, VGSN18]. blog
[TPTV17]. blogs [DV10]. blood
[HHC12, Ken80]. blue [Gla00a]. Blueprints
[SG91]. BN [PSNB11]. board
[Ano02h, Ano02j, Ano02k, Ano02l,
Ano02m, Ano03c, 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, An005p, Ano05q, Ano11a, Ano11b,
Ano11c, Ano11d, Ano11e, Ano11f, Ano11g,
Ano11h, Ano11i, Ano11j, Ano11k, Ano11l,
Ano12a, Ano12b, Ano12c, Ano12d, Ano12e,
Ano12f, Ano12g, Ano12h, Ano12i, Ano12j,
Ano12k, Ano12l, Ano13b, Ano13c, Ano13d,
Ano13e, Ano13f, Ano13g, Ano13h, Ano13i,
Ano13j, Ano13k, Ano13l, Ano14a, Ano14b,
Ano14c, Ano14d, Ano14e, Ano15a, Ano15b,
Ano15c, Ano15d, Ano15e, Ano15f, Ano15g,
Ano15h, Ano15i, Ano15j]. Board
[Ano15k, Ano16a, Ano16b, Ano16c, Ano16d,
Ano16e, Ano16f, Ano16g, Ano16h, Ano16i,
Ano16j, Ano16k, Ano16l, Ano17l, Ano17a,
Ano17b, Ano17c, Ano17d, Ano17e, Ano17f,
Ano17g, Ano17h, Ano17i, Ano17j, Ano17k,
Ano18a, Ano18b, Ano18c, Ano18d, Ano18e,
Ano18f, Ano18g, Ano18h, Ano18i, Ano19a,
Ano19b, Ano19c, Ano19d, Ano19e, Ano19f,
Ano19g, Ano19h, Ano19i, Ano19j, Ano19k,
Ano04f, Ano04g]. Boehm [Fra07, Vau07].
Book [LC06b]. boolean
[CHN19b, CW14, Kim17, YCC16, YLC06].
Boolean-based [CW14, YCC16]. BOOM
[RA96, Gla97d]. boost [CBZ+16, LLC17].
Boosting [RNC14, ZHGL11, MRJD+12,
ROFGFRM13]. bootstrapping [AHH+10].
Bord [BRG+12]. Bord-and-Pillar
[BRG+12]. Born [CHB94]. Boston [Bro89].
both [HZC05, LWLL12, WCCL10,
YLYZ16, YYL+06]. BotMosaic [HB13].
botnets [HB13]. Botswana [UN09].
bottlenecks [HRN⁺01]. Bottom [PK10b]. Bottom-up [PK10b]. bound
[DAG19, MC01, SMZC12, SSO05]. boundaries [Bos12, KRHZ05]. bounding
[HDLK00]. bounds [PNK96]. Box [HZ84, AAB19, BBE11, BAAD17, CF13,
KCAS13, WL99, ZZ12]. Boy [Gla90g]. BPEL [LQLW12, aSRZ⁺18]. BPM
[LGH⁺17, THWC10]. BPM-oriented [THWC10]. brainstorming [Gla97h]. Branch
[Ber93, BM96, BMP97, SC00, LMH10, MC01, PS13, PG04, SLC00]. branch-and-bound
[MC01]. Brazil [CCP18, CVGP13, DFG⁺13, Gar13, LCM⁺13, NAB⁺13, dMSSS⁺13].
Brazilian [Bor12, Ano13a, LdSBA⁺08, WWSS13]. Breadth [LC00]. Breadth-first [LC00].
breibry [CW90]. briery-free [CW90]. Bridging [CKL12, HS11a, MGEB03, TR18,
LVPMPCLS13, SBDB19]. brightest [Gla91b]. brilliant [Gla94d]. Bringing
[BBEM11, BMK15, NtXS13]. Broadcast [RLL⁺18, CLL10, CBK02, DY03,
HST15, HST16, LK04, MK00, MV11, NSK10, PJ09, PLF05, SM17a, SC07, SC08,
WHYt06, ZZ12]. broadcast-and-select [WHYt06]. Broadcasting
[KM04, CK00b, LCY00, MK11].
Broadcasts [Ram90]. Broadening [McF92]. Broker [WJZ14, KAK⁺13].
Broker-based [WJZ14]. brokering [BV⁺10]. Brooks [Ano87d]. brownout
[XB19]. BrownoutCon [XB19]. browsing [KY09, LZL⁺06].
browsing-based [LZL⁺06]. Brute [ZK04a]. BSD [WLC95]. BSN [HY11]. BSP [TW07].
BSY-2 [AAC07]. Budget [Leu92]. Buffer
[DMV98, Hač91, CB89a, CSG05]. Buffered [MF90]. buffering [YZG⁺13].
buffers [SLC00]. Bug [MRS18, ACB18, BNS12, CPZF19, CCHW09, HCY19, HK13, LYLk16,
MRRS19, SAKZ15, ZCC⁺19, ZM18]. bug-fixing [ACB18]. Bug-proneness
[MR18]. buggy [WMW⁺19]. bugs [CPZF19, CPRT16, ECS15, VGSN18, WLL17, YLCZ12, ZCY⁺16, ZFY⁺19,
IBAH12]. Build
[PI95, ABJ10, CdR⁺14, HFRHS09, SCC16]. Building
[Bar92, DSSL09, GZK13, HL94a, HO96, WHC07, BSJ12, CJS04, GSM19, GRKX01,
GCSSP⁺18, GTF17, Hač92, KH14, LLYt07, SRGL08, SL01, TG17, XYS07, LJDK10].
bui[ds [FW90]. Built [Gla89f, WA05].
Built-up [Gla89f]. bulk [HSS10]. bullet
[Ano87d]. bullying [GGM11]. Bundle
[ST11, CZH⁺08]. bursts [SAA⁺10]. bursty
[BP15, GAWW07, LJM11, PPM17, WMOKY11]. Bus
[GDF86, MBCD86, CTL10, KBM05].
Business
[ACDG02, CBVD07, DLG96, HH97, ML18,
PCFRP19, TL96, WM90, ABCT06, BGLG13,
CFRPC⁺18, CO12, CLF⁺13, DIP98,
FDAM12, FSG⁺11, GV99, GBDCR12, LC09,
LCLO, LPM15, LMGHB17, LWCO6,
MSGGL12, MHSM99, OJA16b, OFR⁺12,
PCCLdGP12, P00, PNLO7, REYt07, SK11,
SL03, SJ17, SS14a, SB18, SLR16, SK18,
SSAS11, TAF⁺17, TK00, VKL16, VsVSv16,
WW09, ZMAV08, RCL14]. bust [Gla97d].
Buyer [Hon90]. bye [Gla00f, Gla02].
Bypassing [TK16]. byte [Kim12].
Bytecode [KG08, CY04]. Byzantine
[BKD08, Zha09].
c [KRDH12, AP97, dSACdLF17, CDM98,
CWK⁺11, CLSa01, CL04a, CC05, CN00,
CMP85, DJL93, EBC10, FLN91, KTK19,
LMH10, LH98, LOK6, MN19, WK00].
c-means [KRDH12]. C/ATLAS [CL04a]. C/C
[KT19]. C.4.5 [SCCL08]. Cache
[Hač91, KAR00, ARMC16, CE08, DPMD07,
ED06, JFC08, OBI13, TSW⁺14, nWSCr12,
cache-aware [OB13], caching [AKP04, CLG08, GLJ13, HL06b, NTT19, PKL03, SM06a, TYH04]. CAE [WL09].

Calibrating [Gul91], calibration [LHP09], LHP[10], NBH19]. Call [Ano93b, Ano93c, Ano93d, Ano96m, Ano02a, Ano02b, QGZ[15], ZM96, CV95, Gla95g].
called [Gla89d]. Calls [Ano92d, TLZ[16]].

cam [PKS18]. Cambridge [LZ07].

Camellia [LGLL+10, LGLL12].

Camellia-192 [LGLL12].

Camellia-192/256 [LGLL12].

Cameras [MKH[12], CAMkES [KLGH07]. CAMS [LJ96, SGL93].

Can [BB81, Glao11b, Mat86, SSCL08, vAAJ16, Glao89e, Glao89d, HH08a, LRV03, ZX[17], KBM05, LJBJ05, Gla93a].

CAN-based [LJBJ05].

CAN-bus [KB05].

Canada [GZ13].

Canadian [GV10].

cancelled [AS10].

Candidate [BC94].

Capabilities [MR84, Zel96, KCR16, LHO8, TDL[02]].

capability [EB00, GAW92, JH01, LLM[17], LTL3].

capacity [AQK11, BK17, CAG17, LCT10, LBL10, Lin12b, LCC[13], MRM16, PK02b, PWLL13, VVS99, WLH13, WC[14], WLT[09]].

Capitals [Woh16, WSM15].

capstone [RR90, VLL18].

Capture [PTRW04, Iso98, SL03, TR00].

capture-and-recapture [Iso98].

capture-recapture [TR00].

Capturing [CBL[15], MH11, PKS18, YAKK16].

card [PG05].

card [BNvdH05, TBSvdW18, ABFM12].

Cards [Bro92, JT97, BPM06, HCC10b, KKP12, YSL[10], BBC[08]].

care [HWdS15].

Cares [Glao98].

carotid [CCWT13].

Cartesian [WDS09].

cascades [RNC14].

Case [AH90, AN01, BMP97, CL04a, DGM93, EC98, Eli92, FWD97, Gla96j, Gor91, JVP[98], PW92, RV92, RB16, Sec93, SSP17, SW94b, SB88, WKH09, Wic92, AH88, AAAC07, AAGT16, ASS07, Am100, ABC[13], AACL02, AWSE19, Bar94, BP80, BAM17, BFPGS[08], BS12, BAA17, BC[05], CCCT06, CW02, CKMT10, CZO[15], CZC[18], CCC06, CP07, CFA[19], DSBJ05, De108, DZHR04, DF00, DFCR96, DJV08, ED04, EA12, EA14, EA19, EG00, EBGR01, EVR11, EBB09, ELHC13, FAB[07], FCL[00], FLA[01], Fra04, FWA09, FMDAR16, GGK19, GR05, GPPT16, GSD16, Guo01, GEM15, HGBS18, HF08, Han12, HLAB09, HWC[10], HCC10a, HPH12, IF10, JWA14, JG08, JCYT16, JC15, JAS19, JR15, Kan15, KOS15, KFN19, KK06, KJS[12], KVC12, KSM[16], KC98, KMG[19], LQW12, Lin99, LC08, LWZ12].

case [Lok06, LPB19, MAH18, MVSL18, MCTM11, MPLL[15], MT98, MMT15, NRG08, PPG[13], PAB[17], PCCLdGP12, PW09, PB04, PWA[19], PSC[09], RRD06, RAS14, RR98, RW00, RGBM06, RASL12, SAA[10], Sal80, SS12, Shi12, SSSvdW99, SS14a, SDB18, SGC[17], SCC16, THGL07, TKP[18], UGFK15, VTZ[17], VAS[04], WGGW19, War89, WKM[19], WRR14, WHMP99, WLD16, YLA[17], Yeo00, ZLL[12], ZYA[18], ZAY19, dBe12, dSdMSNO[14], vHAT13, APL95, BT03, Gla91a, IYK05, IKCN91, LL04, PC98a, PKK98, RBM95, TM97, TKSRP11].

Case-Based [FWD97, EBGR01].

case-supported [Bar94].

cases [CL08, DJW08, KSM[16], LWN03, LLL19, NS92, TAS[18], WZY[18], YL06, ZQZ[06], ZYZ[17], ZZC18].

cash [FHL09].

Casper [CBSM16].

casual [RB99].

catalog [PTK00].

catalogs [dAGSdFS15].

catalogue [EL10].

catalogues [DV10, PB00].

catastrophes [SC09].

Catastrophic [DG92].

Categorical [SA06].

categorization [ASMM18, BCL[18], GKP98, KGM106].

Categorizing [OW84].

category [YFZ[16], ZAI2, CPX16].

Category-choice [CPX16].

causal [HYC04, JJP02, JFC08].
CLEFIA-128 [TSSL11]. Client [Gla97d, MSA08, BCF18, CDD00, CPL+04, HC04a, NGC02, Pon05, SMS94, YS04, CWJK13].
client-based [CPL+04]. client-server [CCDD00, SMS94]. Client-side [MSA08].
Closure [Fra86]. Cloud [AKAA18, FS14b, GDLB16, GGS15, HLS+13, MT13, Rya13, AJG+15, ALRP16, AO16, BM13, BV15, BJK+11, Bis13, CNM18, CZG+15, CX0+15, CHL+13, CAG17, CDPM17, DKP+19, DS16a, DFJ19, DEA+14, DM17b, DS16b, EGH016, FB18, FNWL18, GS17, GGS+19, GGB19, GCSD+18, GMGC13, GZS+18, HS15, JCYT16, KSN17, KA18, KQ17, KBRV17, KBRV18, LMT16, LZCL19, LLYH19, LDZL15, LZY+15, LZC14, LCL15, LY18, LZ15, 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, VPVM+13, WDC12, WX15, Wen16, WCB+17, XZZ+16, XB19b, YSS+16, YL16, YCLC17, ZWC+19, ZFY+19, rBH17, Cha17, LZO+13, LZO+16]. cloud-based [CX0+15, CHL+13, LDZL15, MK17, TG17, YCLC17]. cloud-native [KQ17]. Cloudera [MCL+17]. clouds [DV1+16, MK15b, SB19, TSC19, ZSB19, ZHAY12, CdAM+14, KKG+12]. CLPL [CX10]. Cluster [Gla92f, AKP04, Aoo92g, ABW07, BH09, CDJJ10, CLG08, CKS05, MB06, MAS13, PK02a, SHu99, WZ01, WC+14].
cluster-based [AKP04]. Clustered
[WWC97, CDC09, WWC00]. Clustering
[BP91, CV14, LK13, LWOY16, MW95, Ry93, XZZ16, AC8+08, BPGS13, CZC18, CL17b, CBK02, DFJ19, HLMB07, HWML04, HR10, KCB05, KS16, LQC14, LZN04, LZXS06, MK16, MB06, MJ14, MK06, NMM13, SMDM05, TZ12, TTWY04, YH19, ZCZZ11, Zhu04d, Zhu06].

Clustering-based [XZZ16, MJ14].

clusters [AO16, BLM10, BHH10, CBKK08, IKBH14, RBT11, SHS07, SBZ17, ZHGL11, dACM17].

CMM [Chr99, RVM99]. CMM-based [Chr99].

CMMI [Rei00, SNJ07, WL15a, YYL06].

Co [DRELHE16, LC06b, SVM19, BSG18, GGvH18, HyLW12, HNN15, KBHG17, SHHL12, WRS17, YX07, ZS01, dOFB19].

Co-change [SVM19, dOFB19].

c-cohanges [WRS17].

Co-evolution [DRELHE16, BSG18, GGvH18, KBHG17].

co-fix [HNH15].

collocated [SHHL12].

co-operation [ZS01]. co-scheduling [HyLW12]. code-based [XYS07].

collaborations [MBL99]. Collaborative [ESM19b, PSEE12, RF18, YSJ13, AAN11, AHOP14, BG09, BDG13, CX10, CC11, GL15, LL09, LNC01, LLW14, LW16, LNPAGD06, LOFA17, NOPF12, NRG08, PSS11, PQBP16, RR00, SG01, TT13, TTT14, WCB17, Xia13, XWZC14, HB13].

CollabRDL [LOFA17]. collected [Mar81].

Collecting [OW84]. Collection [BBC88, YNDS88, Yua90, AKA15, AN10, Fra04, KKLBI1, LSAC01, Svo8, SK07].

collections [SH17].

Collective [KAR19, SM92b, PGP19].

cohort [KCS01].

collinear [LXG10].

Collision [KHC16, ZL12b]. Collision-based [ZL12b].

collisions [RM19b]. Collocation [VP07].

collocations [WFF18].

color-complexity [CC04]. color-spatial [CC04]. Colored [SBM94].

colort [Sha01, IT03, LJK10]. COM/DCOM
HC87, HS95, HB89, HL98, KML94, Mac91, MTG92, MM92, MK90, MK93, Rey84, Tak97, TZ92, Zei88, AHGSS05, CA88, CC04, CG05, DNSSH13, EK12, JPK00, KT03, KRHZ05, LWW+10, MT98, Moo98, ZLT10, ZXL10].

compliance [Kim07a, MOH16].

Component [BDM+93, CSSW05, DPSU06, HTH09, MPRS14, TDT08, XYS07, ACf+07, ADTZ12, ASGJ13, ARS17, AMNT08, BWP16, BM18, BKR09, BKH10, Ber03, BBC05, BWM06, BCS18, BKRW19, CGL+04, CLGL05, CHCO11, CL02, DL06, DGP02, DGL+08, EL10, FM11, FBM09, FCC+10, Fra04, FPW96, GHBD+16, GMS07, GDH05, Gru07, GJ08, HNS12, HZ07, KM17, KBBH07, KAM13, KLGH07, LS04, LZL+06, LZXS09, LG15, LASL14, MYZC06, MBD13, MvD08, MA11, PEO11, PDC01, PTB08, PKR01, Rad04, RSP03, SDG+07, SPZ06, TAB+16, VCdA+16, Wii03, YMY13, ZLZJ11, Zhu00, Zhu06, ZS05b, DL04, HTH09, WL10].

Component-Based [CSSW05, HTH09, XYS07, ACf+07, ASGJ13, ARS17, AMNT08, BM18, CLGL05, CL02, FPW96, GHBD+16, GMS07, Gru07, GJ08, HNS12, HZ07, KM17, KBBH07, KAM13, KLGH07, LS04, LZL+06, LZXS09, LG15, LASL14, MYZC06, MBD13, MvD08, MA11, PEO11, PDC01, PTB08, PKR01, Rad04, RSP03, TAB+16, VCdA+16, ZS05b, WL10].

Component-Interface [HTH09].

Component-level [DL06].

Component-Oriented [TDT08].

compound [KPS10, JT12].

Component-Based [BDM+93, CSSW05, DPSU06, HTH09, MPRS14, TDT08, XYS07, ACf+07, ADTZ12, ASGJ13, ARS17, AMNT08, BWP16, BM18, BKR09, BKH10, Ber03, BBC05, BWM06, BCS18, BKRW19, CGL+04, CLGL05, CHCO11, CL02, DL06, DGP02, DGL+08, EL10, FM11, FBM09, FCC+10, Fra04, FPW96, GHBD+16, GMS07, GDH05, Gru07, GJ08, HNS12, HZ07, KM17, KBBH07, KAM13, KLGH07, LS04, LZL+06, LZXS09, LG15, LASL14, MYZC06, MBD13, MvD08, MA11, PEO11, PDC01, PTB08, PKR01, Rad04, RSP03, TAB+16, VCdA+16, ZS05b, WL10].

Component-Interface [HTH09].

component-level [DL06].

Component-Oriented [TDT08].

compound [KPS10, JT12].

Component-Based [BDM+93, CSSW05, DPSU06, HTH09, MPRS14, TDT08, XYS07, ACf+07, ADTZ12, ASGJ13, ARS17, AMNT08, BWP16, BM18, BKR09, BKH10, Ber03, BBC05, BWM06, BCS18, BKRW19, CGL+04, CLGL05, CHCO11, CL02, DL06, DGP02, DGL+08, EL10, FM11, FBM09, FCC+10, Fra04, FPW96, GHBD+16, GMS07, GDH05, Gru07, GJ08, HNS12, HZ07, KM17, KBBH07, KAM13, KLGH07, LS04, LZL+06, LZXS09, LG15, LASL14, MYZC06, MBD13, MvD08, MA11, PEO11, PDC01, PTB08, PKR01, Rad04, RSP03, TAB+16, VCdA+16, ZS05b, WL10].

Component-Interface [HTH09].

component-level [DL06].

Component-Oriented [TDT08].

compound [KPS10, JT12].

Components [BAEH96, DJL93, Eva97, TL96, BWW+18, BTV06, BDL16, CCD+04, DACY07, EBRG01, GS07, HH07, HJ14, HGK+06, ICSK14, JRO12, KBK06, KBH07, LCLP16, LLX+11, MPAA15, OCC13, PBS19, RT11, RITF+11, SAMN12, Sch03, SSA17, SJ17, SS15, VP00, WGH00, WDN05, YSG17].

Composing [DACY07, LLX+11, WDN05].

Composite [DGSS88, HS95, Can00b, CDEV08, CIC16, HS15, LQLW12, LASL14, MK15a, SYT+17, WJ214, YDGB+12].

composites [MK15a].

Composition [BWH10, BDBLP15, BBS10, BEK+19, CPT05, FYCL13, FL09, JZL07, KDS+08, KBH07, KKK08, KSH09, LKL+11, LLZW14, MdOBW+15, MS17b, PW03, SZ98, TBG13, TFK+19, dbV03, MG107].

composition-based [FL09].

Compositional [SK18, TJKL13, UH96, MKS10, SGC+17, TJK15].

compositionality [Sch03]. compositions [APM+14, BBD18, Mer13, MLS12].

compound [KPS10, JT12].

Comprehending [Sca88].

comprehensibility [RF98].

Comprehensible [MdFD+15, VMB+08].

Comprehension [AS96, BBP96, KLT07, Let87, RBCM91, DRW00, SKW06].

Comprehensive [OD10, Zvi93, ABJ10, CS15, CELS07, CPR16, FBB15, FCC+10, KR98, VK08, YZC15, rBHMI17].

compressed [LZG07, Lni12a, WC02].

Compression [Cha91, CBK96, CW97, BGG09, JEEL16, KPT13, LSC04, QZ14, SI12, TC06, WCH03, WCC10, WW00].

compression-based [SI12]. compromise [RFZ08].

Computation [KD91, ALO08, CLC08a, CLC08b, DEA+14, MJ89, RMC05, TH05, TAB+16, YDGB+12, YZL+14].

computation-efficient [CLC08b].

Computational [YGN+16, CL04b, RHHT18, SRS15, TdCAF16, Vla98].

Computations [AQ90, BFR96, BP91, Shi10, SK10, ULN06, WCWC08].

Computed [DS98].

Computer [Amm91, Bar92, BTT84, BLPB92, BD10, CPT05, CZ91, CM92, DG87, DV94, DHP86, FM90b, FS91, FK92, GKH1a, GKH1b, Gla09g, Gla92a, Gla96c, Gla97e, Got92a, Got92b, Hay86, Kal92, Kar04a, KL90, KNT86, LIC92, LC110, Lue92, MC91, Mat86, MvS95, RA91, SL80, Sch81, Spa92, TLPH95, YN91, Zvi93, AACL02, Fle95, FF89, Gie79, Gla98c, Gla96c, Gla00i, Bar89, HHC12, HLWS13, Ifi11, Kar04b, KBDGAW16, LNC01, Mar81,
MB19, Mey88a, MCV15, RGV04, RRC07, SLW+15, ST89, Sny79, Sta02, TVK94, TVK95, VB99, WZG09, WSM+95, Zel09].

computer-aided [Mey88a].

Computer-Assisted [Bar92].

computer-based [WSM+95].

computer/IT [Ifi11].

computerized [JJP02].

Computers [IMM95, OS87, SM92b, CC99b].

Computing [Eng81, FK92, Gla91h, KN97, Mor86, Pow86, PP04, Rv91, Rv92, Rv93, Sch97, SPDT06, TMTB19, ZR94, AIG+15, ALT+09, ADMOK+10, AR18, AHLH16, ALRP16, AAN11, ANH07, AGBD14, BV15, BCF04, BS96, CZG+15, DKP+19, DHL06, DB06, DPMD07, EGHO16, FB18, FTC16, GGS+19, Gl95, GL05, GZKL13, HGP+12, HC01b, HH17, HL06b, KHSD10, KHS11, KR08, KK07b, KQ17, KBRV17, KBRV18, LCY00, LLKL04, LLK04, MKMS05, Mar81, MGI07, MP+08, MCV15, Oja16a, PNJGF12, PK01a, RQD+17, Rya13, SPK99, Shn99, SY16b, Som13, SGEK19, TT89, Tse07, TH10, Tse07].

Concerns [ASSA96, Ara95, KC96, KD91, Kus90, LVB+93, Ng93, S99, She90, SAM94, Sta90, SP94, UH96, WH97, ACRD19, dSACdLF17, AMNT08, BM18, CL18, CLLC96, CD05, DYY99, FRR09, FW90, LZR16, PTF+15, TS89, WLL19a, WLL19b].

Concerned [MB19, Mey88a, MCV15, RGV04, RRC07, SLW+15, ST89, Sny79, Sta02, TVK94, TVK95, VB99, WZG09, WSM+95, Zel09].

computer-aided [Mey88a].

Computer-Assisted [Bar92].

computer-based [WSM+95].

computer/IT [Ifi11].

computerized [JJP02].

Computers [IMM95, OS87, SM92b, CC99b].

Computing [Eng81, FK92, Gla91h, KN97, Mor86, Pow86, PP04, Rv91, Rv92, Rv93, Sch97, SPDT06, TMTB19, ZR94, AIG+15, ALT+09, ADMOK+10, AR18, AHLH16, ALRP16, AAN11, ANH07, AGBD14, BV15, BCF04, BS96, CZG+15, DKP+19, DHL06, DB06, DPMD07, EGHO16, FB18, FTC16, GGS+19, Gl95, GL05, GZKL13, HGP+12, HC01b, HH17, HL06b, KHSD10, KHS11, KR08, KK07b, KQ17, KBRV17, KBRV18, LCY00, LLKL04, LLK04, MKMS05, Mar81, MGI07, MP+08, MCV15, Oja16a, PNJGF12, PK01a, RQD+17, Rya13, SPK99, Shn99, SY16b, Som13, SGEK19, TT89, Tse07, TH10, Tse07].

Concerns [ASSA96, Ara95, KC96, KD91, Kus90, LVB+93, Ng93, S99, She90, SAM94, Sta90, SP94, UH96, WH97, ACRD19, dSACdLF17, AMNT08, BM18, CL18, CLLC96, CD05, DYY99, FRR09, FW90, LZR16, PTF+15, TS89, WLL19a, WLL19b].

concurrently [ST89].

condition [CCWT13, JLYK09].

conditional [CCWT13, JLYK09].

conceptual [BF90, Del92, FM87, Kun95, RA91, RKK16, SA14, Sak84, AF16, ARH+17, BG09, BDPRC18, CT09, DB95, DGJ+03, GPHS07, PDC01, RB99, TFLW99].

conceptualization [OS+16].

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

concise [HWHM02].

Concrete [CCWT13, JLYK09].

concept-based [OR02].

concept-drift [YF15].

conception [BG+16].

Concepts [CHB94, Sk91, TKS95, BD703, BGH+08, CCD19, FM11, JNY84, JEO2a, KSAR18, MH04, SPK99, TKH+11, ZPEL01, Rog94].

Conceptual [BF90, Del92, FM87, Kun95, RA91, RKK16, SA14, Sak84, AF16, ARH+17, BG09, BDPRC18, CT09, DB95, DGJ+03, GPHS07, PDC01, RB99, TFLW99].

Conceptualization [OS+16].

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

Concurrence [DV03, wLYH97, RMC93, SW96, CKyL98, HK13, Jun00, KMS04, YLC98, MCMCB00, PMB99, SY02, Shu03, SNDD19, WSM+95].

Concurrent [ASSA96, Ara95, KC96, KD91, Kus90, LVB+93, Ng93, S99, She90, SAM94, Sta90, SP94, UH96, WH97, ACRD19, dSACdLF17, AMNT08, BM18, CL18, CLLC96, CD05, DYY99, FRR09, FW90, LZR16, PTF+15, TS89, WLL19a, WLL19b].

concurrently [ST89].

condition [CCWT13, JLYK09].

conditional [CCWT13, JLYK09].

conditioner [DDF+05].

conducting [CC11].

Conference [BKW10, KT16, LH12, LP07, DGV08, Sai09, SS17, BCL+18, HL10, LKH09, Tse07, VE03].

conferences [LCM+13].

CONFIDENT [PGRQV12].

confidence [JTM04, LYC14].

Confidential [HS11b].

configurable [PSS+16].

Configuration [Bro87, BL10, Czdv98, ESM+19b, HGSB18, JLL19, MSAH16, MAS13, OGRJ+13, Rav81, SDG+07, SP14, SHBC19, TBG13].

Configurations [ZK94, GBH+16, WBS+10, WGS+14].

Conflict [LL00, ZWX10, HGK+06].

conflicts [EUR+13, HST15, HST16, JH08, KL02].

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

Confucian [WKbOS17].

Congestion [Ha94, GAWW07, PV94, XZP+10].

congruence [ZCC+19].

conjunctive [BL11].

connected [Abab06, Abab08, SK03].

connection [Cic16, JEO2a, LJJ10].

connection-oriented [LJB05].

connectionist [TN05].

Connections [Ch95, 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, SAM16, WWSZ15]. Consistency [Leh80]. Considerations [RA91, Rog89, Won93, Car99, Gie79, PK01b, ZW15].

Consistencies [JFC08]. Consistency [CC99a, Kun91a, Liu95, HC01a, TLGE18, VT99, WSJK08, ZcKS17]. Consistent [DEW16, TLWS10, BG09, CN04, DRELHE16, EA12, KH14, PGRQVV12].

console [BLL18]. consolidation [KCV11, LZY15, LN13]. consonance [KJ01]. Consortium [DB86]. constant [BCF05, Shi10].

Cons [BLL18]. contained [LY01]. Container [dACM17]. Container-based [dACM17]. containers [SMSH18, XB19b].
Continuously [BKRW19].
Contract [DGBE18, ASMN15, NL99, TKK+19].
Contract-based [DGBE18, NL99].
contracting [AG08, LGW09]. contracts [BS03]. contrast [D2D4, GLW13, MM14].
Contribution [KAL97, PV94, RSM00, War89].
Contributions [LN13, CLL14, LMWM18, VM07].
Control [ANB93, Bha84, CL94, CH83, CW90, FSA87, FZ93, Ha9c94, HB83, HUMT92, 
HU96, wLyLH97, LVMM07, MO90, RUV92, San95, TM97, AAC07, ARS17, BG98, 
BSK+18, BSKL10, BM17, CFL+18, Çam99, CS02, CCW02b, CLH07, CSGL05, 
CKyL98, Cho04a, Cho04b, Cho05, CHL05, CC05, CC06, CHY+05, CFN07, DMSG11, 
DYC19, DYR04, EK12, FBB15, Fer00, FNWL18, GAW07, HKV11, HSM+07, HYC02, HC04a, 
JMP07, JE02b, JW06, Jun00, Ken80, KRC00, 
KMS04, KKL+11, yLeY98, LNC01, LSG07, 
LCBL10, LH11b, LY01, LDS+19, MGM10, 
MV09, MA94, MDMC06, MH04, NZM10, 
NKJ09, PTM08, PCW12, PCY12, 
PCCC+11, SW96, SP08, SY02, Shu03, SC19, 
ULN06, WCLK07, WXY+17, WLL19a, 
WLL19b, XZP+10, ZML17, dRSBA13].
control-based [HSM+07].
control-theoretic [MDMC06].
controllability [HYC02]. Controllable [KMO91].
controlled [DSA+04, HC10, 
MNSA15, Mill05, PUP03, Vis99a].
controller [CV14, LCF+06, MMTS15].
Controlling [CWJK13, HY03, dSB12, 
CDG10, Ebe99, ELH00, WL05].
Controversy [Ano92e, Ano01f, Bab91, 
Blu89, Bri92, Ebe94, Gla91c, Har5a, Hei95, 
Pre90, Pul90, Qiu94, RA91, Rei90b, SM92b, 
Tau92, Th94, VPM93, Zuc90b, Zuc90a].
conventions [HA+15]. convergence [KLI11, TT10].
COnversation [MG107].
CONversation-based [MG107].
Conversion [Sny91, CGMPAP08, TE99].
converters [JS99]. Convertible [WH02].
Convex [LSE12]. COOL [Bra96].
cooperated [TCSC04]. Cooperation [CRS14, HMG96, SSMvD16, dVRB13].
cooperation-based [SSMvD16].
Cooperative [CMR19, NL91, NMM13, SM92a, AKP04, 
ACSC16, BD10, Dar02, FRR09, Hdm17, 
KSHC14, RDD02, WM99, HF10].
Coopetitive [GD12]. coordinate [LOFA17].
Coordinated [BSK+18, MHW01, CGP+09].
Coordinating [Sch81]. Coordination [APCS10, HMG96, SHHL12, CJRC09, JF04, 
mJKE01, NPC12, PN07, Sko14].
coordinator [LSH09]. Coping [Moy00].
COPS [Dar02]. copy [HMC98, LC02, WLC07]. copyright [CWP09, GJ13].
Cooqots [BDLM16].
CoRAL [AT09]. CORBA [CLCY04, JLB05, LF+99, RDD02].
Corba-based [RDD02]. core [CYT16, CKC15, FHL+15, KSH+12, LK09, 
LS14, PN14, PGPC17, WX10, ZCC+17, 
flSN18, CD10].
Corner [Ano92e, Bab91, 
BS93, Blu89, Bol97a, Bri92, Car02, Glk89f, 
Gla90a, Gla90c, Gla90d, 
Gla90e, Gla90f, Gla90h, Gla91a, Gla91h, 
Gla91c, Gla91e, Gla92b, Gla92f, Gla92h, 
Gla92i, Gla93e, Gla93d, Gla95d, 
Gla96d, Gla96e, Gla96h, Gla96j, Gla97f, 
Gla97c, Gla98f, Gla98j, Gla920, Got92a, 
Har95a, Har95b, Pul90, RA91, Rei90b, 
SM92b, Tau92, VPM93, Wey01, Wyn01, 
Zuc90b, Zuc90a, ZWM96, Ano86b, Ano87d, 
Ano90d, Ano91c, Ano91b, Ano92f, Ano92g, 
Ano92h, Ano92i, Ano93e, Ano93f, Ano94e, 
Ano94d, Ano94f, Ano95h, Ber94, BS96, 
Car04, Fle95, Gla86, Gla88a, Gla88b, Gla88c, 
Gla98a, Gla98b, Gla89c, Gla89h, Gla89d, 
Gla89g, Gla89e, Gla91d, Gla91b, Gla91i, 
Gla91g, Gla91f, Gla92d, Gla92e, Gla92g,
corner [Gla94h, Gla94b, Gla94i, Gla95c, Gla95a, Gla95f, Gla95e, Gla95g, Gla96b, Gla96c, Gla96f, Gla96i, Gla96g, Gla96k, Gla97d, Gla97e, Gla97i, Gla97h, Gla97k, Gla97g, Gla98a, Gla98g, Gla98h, Gla98k, Gla98c, Gla98d, Got93, Gui92, Hoa94, HY94, yL98, Len95, Pau92, Pla95, Pre90, Sai98, SW95a, Thi94, ZS95, Gla95j, Ano01f, Ano01g, Gla98i, Qui94].

Corporate [NB93, FG15]. Correct [Eva95, BHH +12, LLWL19, LJDK10, PTBP08, Rec85]. correcting [BMS11, CV16a]. Correction [DT90, ABS19, DB065, LQLC16, LH06, OKS+15, YLX+16]. correctly [AMNT08].

Correctness [Bri92, BGH03, DACY07, MM93b, SMK+18]. correctness-by-construction [SMK+18]. correlated [GAW07, HSC15]. correlation [LP05, LYL+16, LGLO8]. Correlations [SMB17, MC10].

Correction [APS+10, BKS14, Gla99b, Gla00d, HST16, Li99, LHP+10, TTT14, WZM12a, XTZ+13, YMM+19, YWEL+13, wZFG14a].

corruption [WLZ+17b]. cosine [Lin12b].

COSMIC [CGMPAP08, KBBM05]. Cost [AH90, ALRP16, EHS93, Hagg91, Hua05a, KT85, LM1+16, LP95, LM04, Len92, MHSM99, OG80, RB16, SD16b, WAG15, WFG96, ZGY+15, vS83, AN16, ACGS+08, BCLW11, BW80, CCL+19, CMC04, CGSGR06, DFJ19, HL06a, HPH12, JRSN10, KGB11, KSS03, KRCK08, LP00, LGX09, LGX10, LN+11, LZG15, MK16, MFB12, MCM05, MA08, MA10, MPAA15, NR04, PFO+19, PVI12, Po13, PACH15, PUPT03, SA06, VH89, WL5a, WQJZ10, WL17, Wes02, Wey99, WM95, ZS01, ZK09].


cost-estimation [CGSS16]. Cost-reliability-optimal [Hua05a].

cost-sensitive [WQJZ10]. Costs [AQ90, GS16b, EL07, HWL13, Zha12a].

Coteries [Lei97]. COTS [BWP16, CDD+04, MSB+02, RPK+13, YSG17].

COTS-based [MSB+02]. Could [OT92].

counterexample [YXP+18]. Countering [Y15]. Countermeasure [BP13].

Counting [BK92, Gla99d, HRO10, OR00].

country [VBB+14, couple [Ano94c, Gla94c]. Coupled [FG93, HJ0b, CDOP15, EZZG15].

Coupler [Cia86].

coupling [FG93, HJ90b, HJ90b, CDOP15, EZZG15].

coupled [FG93, HJ90b, HJ90b, CDOP15, EZZG15].

coupler [FG93, HJ90b, HJ90b, CDOP15, EZZG15].

Couriers [Bri92].

coupling [FG93, HJ90b, HJ90b, CDOP15, EZZG15].

coupled [FG93, HJ90b, HJ90b, CDOP15, EZZG15].

coupler [FG93, HJ90b, HJ90b, CDOP15, EZZG15].

Course [BHR89, MC91, BRS+18, KH01, RF18, RHE+18, TE99]. Courses [CFSS98, MR99, VM07, vWBS13].

COVAMOF [SD08]. cover [UUN13].

Coverage [FLN91, AMdLM17, CFN07, Gok90, GY11, LM10, LT11, LKL11, LCL+12, MGM10, PAR14, SPMG18, TH05, WL17, WDC10, YL06]. coverage-based [WDC10].

covered [LT13, LyWSZ10]. CPLD [KK07].

CPLD-s [KK07]. CPLDss [AM15].

CPU [BSKL10, CRK+18, DAC19, SMZ12, SK13, YCF+13].

CPU-bound [DAG19, SMZ12]. CR [LLL06].

CR-CSFQ [LLL06]. crash [GXZ+19, LMS11, PNY14].

crash-recovery [LMS11].

crashing [GXZ+19].

crawling [YWL02].

Cray [CM86]. create [LK13].

created [KVH12, KP07].

creation [Cdr+16].

creativity [AVG19, Ano94e, Gla94c, Gla96c].

credibility [SFMB16]. crew [GH04]. crises [Gla00j].

Crisis [Gla00j].

crisis [Gla00j].

crisis [Gla00j].

crisis [Gla00j].

crisis [Gla00j].

crisis [Gla00j].
[JM90]. **Dangerous** [Gla86]. **Dass** [DR84].

**Data** [AH81, Bel91, BBC+88, Bla87, Cha91, CW97, CET+88, CSS10, DR84, Dam96, FZ93, GRS92, GSC91, HNS12, HCL12, HY00, J08, KZ91, KC16, Ken84, KSW93, LHC96, Las90, LZCL19, Liu93, MJ18, MRBN17, Mar84, MG81, MP90, Mot96, MK93, Myr90, OW84, PM90a, RT93, SG91, SW95b, STK17, SB88, TL96, TC93, Tan96, TK91, Uck91, UB19, UW95, Ve87, VP92, WSN92, WH91a, Won93, YRN80, YY93, YNDS88, vS83, AAAC07, AQK11, AG15, ALC13, ÁGYYY14, AN10, BMRA+09, BWN+08, Bis13, BTPST15, BF96, CCGG14, CC02a, CCY+09, CD00, CY00, CCW02b, CL06a, CNL13, CPS11, CDOP15, CWC04, CLL10, CLB05, CTL08, CK00b, CBK02, CBVF19, DII+17, De98, DM17a, DIB14, DS12, DHC+11, Dut15, EH19, FS14a, FF12, GZY11, GTY12, dGFDL16, GMGdFR14, GP10b, GPL+15, GZS+18, HBG+13, HSC15, HY11, HBT16, Har04, HR95, HST15, HST16, HCS09, HC10, HL94b, HL00a, HC01a, HCL+10, HWL13b, HY01, HSS10, HTH13, HL06b, IAA16, JF99, Jen99, KR00, CRY12, KCR16, KNY90, KUK07, KSAR18, KRC00, KKL12, Ku08, LHC95, LCO70, LKL02, LM13, LKL04, LLL09, LCT10, LC10, LZZ+15, LVM07, LCLF13, LJ+12, LBC10, Lin12b, LCC+13, LDZL15, LTK+15, LWZ+16, Lin16, LZ12, LWL13, LML13, LMC17, LKK14, LWC06, LWL09, LCL15, LO04, MCC03, MP94, MPST06, MMP15, MQC+17, MTF14, MK08, MDBC17, MA94, ML09, MC10, MIUM12, MT10, MdF+15, MSL12, MJ+10, MR00b, NK15, NBH19, NDS13, OL99, OLZ13, OZk97, Özm09, PS13, PL94, PSH06, PAOC15, PM94, PWC12, QD12, RC89, RSB+14, RLY+13, RRH13, RRH15, SM17a, SD16a, SAA+10, Sal02].

**data** [SB16, SHN14, SHS+07, SA06, SW96, SAH12, She89, Shi17, SJC13, SGBCP12, SA08, SBDB19, SS07, SSCL08, SGW+15, TLWS10, TKJ16, TVA04, TGL19, TBC+16, TWTY04, TW07, TLK16b, TC06, TL07, TPTV17, VTZ+17, VK08, VZT17, WDC10, WZG09, WC10, WLY13, WC13, WLC13b, WCC+14, WLZ+17b, We19, WQ06, WLT+09, WWY+12, WD05, XLM+15, YWWS10, YWTW11, YWLH11, YCLY13, YTW+13, YF17, YYY+16, YZL+14, YM13, YHHR03, ZS88, ZJZ11, ZHH+17, ZMO6, ZCZ11, ZRAY12, FGD+17, HBG+14]. **data-centric** [WWY+12, WDN05]. **Data-Driven** [YY93].

**data-hiding** [WYCC13]. **Data-Intensive** [WWY+12, WDN05]. **Data-Driven** [YY93].

**dataflow** [BS86, KD91, CD07, Hsi91a, KYP00, KRP02, KLC02, KVT+17, yLcY98, LK12, LK01, LPJ09, LKL+12, LY01, LZG15, LGG+18, MDFG08, NG08, NGM08, PDK+16, PS09, PQLN04, RB99, RB16, SVMAM04, SBB98, SLLL12, TL99, UH98, YLC08, ZHS01, ZTT+11].

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

**Database-Oriented** [NY84]. **Databases** [KW93, wLyLH97, SW95b, SKS06, AJCM08, BG98, BH09, CKLyL98, DK15b, HL09, HHK13, HL01a, JNY84, JK13, KYP00, KKR16, KR98, yL98, LLL00, LL00, LLL09, LLK14, Lin12a, MLGA11, RVC17, TWTY04, ÜDUG04, VGM13, VT98, VT99, YC08a]. **Dataclay** [MQG+17].

**Dataflow** [BS86, KD91, CD07, Hsi91b, LJJ+19, SMM17, TL89, WLZ+17a]. **dataflow-driven** [LZJ+19]. **DATALOG** [Hsi91b]. **datasets** [HKS+17, LXG10]. **date** [Gla97h, Gla98k]. **Db4XML** [SVMAM04]. **DBMS** [Gor91, LKW+09]. **DC** [YL06]. **DCOM** [Dar02, DZ05, IT03]. **DCT**
dependable [GGD04, FDAR16, Pow86, GB12, VP00, BGG+06, DB06, HP16, LC09, MBPM19, SXYW14, XZAR06]. demand-based [LL+14]. Dependence [HOT97, HUMT92, BGH+08, BHI+10, CS16, CCW02a, CCW02b, HY00, HY01, YLYL17]. Dependences [MH11, PC01, WLL19b]. Dependencies [HB83, BRS10, DCAC09, MLG04, MBAG11, PDC01, PCCB+11, RHL+17, WLL19b]. Dependency-aware [JLQ+10]. dependency-based [YZL+14]. Depend‐
dependable [GGD04, FDAR16, Pow86, GB12, VP00, BGG+06, DB06, HP16, LC09, MBPM19, SXYW14, XZAR06]. demand-based [LL+14]. Dependence [HOT97, HUMT92, BGH+08, BHI+10, CS16, CCW02a, CCW02b, HY00, HY01, YLYL17]. Dependences [MH11, PC01, WLL19b]. Dependencies [HB83, BRS10, DCAC09, MLG04, MBAG11, PDC01, PCCB+11, RHL+17, WLL19b]. Dependency-aware [JLQ+10]. dependency-based [YZL+14]. Depend‐
dependable [GGD04, FDAR16, Pow86, GB12, VP00, BGG+06, DB06, HP16, LC09, MBPM19, SXYW14, XZAR06]. demand-based [LL+14]. Dependence [HOT97, HUMT92, BGH+08, BHI+10, CS16, CCW02a, CCW02b, HY00, HY01, YLYL17]. Dependences [MH11, PC01, WLL19b]. Dependencies [HB83, BRS10, DCAC09, MLG04, MBAG11, PDC01, PCCB+11, RHL+17, WLL19b]. Dependency-aware [JLQ+10]. dependency-based [YZL+14]. Depend‐

design [PGRQVV12, Rey89, RDD02, SCS15, SNBH08, SKRB19, SHS16, Spi01, SMK+18, SFM99, SDG+07, SPSM03, SLLL12, SC09, TA02, TL99, TBGH06, TJH07, TNJH07, TBSvdW18, TJH15, UBCLS94, WZJ01, Wij03, WCV+98, WSMQ10, YWLG02, YZC15, YZY+18, ZA15, ZFS15, ZADA15, ZLT10, ZM06, ZLZ+96, Zhu04c, vHJPB+17, KY09].
design-based [AAC17].
design-time [AAC17].
designated [CC09a, FWCS12, HYWS11, KBD09, RPSL10].
designated-verifier [FWCS12].
designed [CFAP17].
designers [WK15, vHAT13].
Designing [AdB17, BL95, Ber03, Car92, DFCPSF15, FHL+18, GH02, LCJ08, NC88, PB04, San95, SZ06, SVMAM04, SD02, TLK+16a, VPM93, AF16, BPB19, CCG+07, CGP+09, CW90, DBL+18, GMLSF15, HLC99, SJH+10, ZAMV08, MM93b].
Designs [AC97, TZ81, WSN92, ATHM17, OSG98, PG05, RPL97, RF14, SK02].
desires [HKvVvdV07].
desks [ABL16].
destinations [WMOKY11].
detailed [PFF12].
Details [Hen88].
Detect [BAH96, FW00, FCMI12, KSS15, LTK+15, TVMS18, YXH+18].
detected [ZXC+17].
Detecting [EUR+13, Sta03, Tri66b, WCH03, WW09, AMdLM17].
Detection [BFR96, Glaq91, Go80, JM90, LKL95, LHC96, Wa90, WC02, Aba13, ASM18, BKLE18, BLL+18, BRG+12, CKCK15, CCP05, CXO+15, DB005, DPF+18, FMR11, HWM01, HWNM02, HWH+03, HK13, HAE+15, HB13, HZ07, JZ07, KVG91, KCV+19, KHC16, LAS12, LWE+13, LG17, LLCL16, LH06, LJM96, LTW16, MCG98, MJZ+10, ND18, PRN17, SG16, SKK+18a, SKE10, SS14b, TR00, TLZ+16, WBW+06, WZG09, WJT09, WWZ+14, WHMP99, WLC07, jWLY+13, WHC07, XTZ12, XTZ13, YWWS10, YLXZ16, ZFS15, ZWX+08, ZLC+14, AT18].
Detector [PAC13].
determinants [VEM+01].
determination [HBM19].
determined [ZW+08].
Determining [Kel09, NDM80, NBH19, SvV08].
deterministic [DC11].
Develop [Am99, PD98, TC93, AdB13, SMCL96].
developed [AT18, GN15, LMNA17, OD17, WK15].
developer [BCD+18, BMB19, CB16, CPD+18, GC13, HSM16, L99, MSK+17, SHW09, SYX+17, YLCZ12, vAA16, LZHS11].
developer-related [CPD+18].
Developers [Por93, ABJ+17, BDV17, CBVF19, GFVA18, HHKW16, HAE+15, LK16, LVVTP17, LS98, OBS+18, WL15a].
Developing [AdB18, BM05, FBG+19, CH11, DK94, HH97, JSB09, Ka92, KSR18, LK09, MTON94, SG06, TM97, CCF+04, CDS19, EA12, GMM13, LM01, O'B08, PG17, SJR+11, SÁM+16, SPZ06, WRR14, REF+07].
Development [AYZI10, ANB93, AMGG14, BB096, CB89b, Coo81, Di 87, DS85, FWP93, Gas96, GK91b, GR97, HZ84, HL90, HHSR94, HS95, HH87, Jef87, Jos83, Joy94, KS96, KT85, Lan98a, LP95, Lee93, LS17b, MM93a, MB84, NG91, Pan81, Phi81, Pl92, PL96, PZ94, PU84a, Ross7, RO09, Sah94, Sei89, SM92a, Sta83, SB93, Sub93, TC89a, TKS95, TDB97, TT93, WKM94, Zim84, vS83, vS83, vC80, AC+07, AJLS10, AKH12, AW07, ASG17, AVGM19, APS16, AB10, APC15, AHC+11, BG09, BCFP19, Bar94, BM00a, CB18, BMB19, BDGR01, BBS10, Boc12, BS15, CM15, CNG16, CH09, CC11, CL914, CBS00, CHCO11, CBVF19, CL92, CM18, DN12, DCT17, DGC17, DC12, EB00, EL10, Fe12, FA113, FFDR+14, FMR15, FLA+01, FCRF16, FPW96].
development [FAI97, GKD13, GML05, GRB10, GCC16, 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, JP KP04, J06, JK00, JTM04, Jor04, JK12, JST10, JR15, KFN19, KWT+00, Kel15, KRJ17, KKL05, KPKE05, KPM+16, KM14, KRCK08, KTK19, LCLP16, LGC17, L04, LCL04, LK02, LWSH19, LCCJ10, Lsd+16, LWZ12, LHCT19, LRD+19, LASL14, LJ16, LMYMGT08, tLF89, MM12, MKS10, MR01, MGP+11, MBA16, MB08, MAG9, MTML06, MT13, MKK9, MSB+02, NSL+07, NCK+15, NL99, NKZ17, NER01, OAZ08, OYKS+15, PKJ13, PC15, PRRS11, PKF13, PW09, PGRQV12, PLP04, PU84b, PFL16, PM10, RF18, RM19a, RRGB, RMO+08.

development [Sal80, SCdS+06, SSMvD16, SFJ04, ST01, She02, SKRB19, SWA+13, SB14, Sta09, SM16, SHH12, SLHY17, SJK07, SP14, TC89b, Tha80, TDT08, TK00, VAM+10, VM12, WK15, WCC12, We19, Wes02, WWSS13, WBBK18, YLAN16b, YHMS16, ZA15, ZE18, ZE03, ZGYS+15, ZGH+07, ZP17, ZS01, doZDR+04, BMK15, DL06].

device [ASV+16, BBG+04, OMLB16, SCL13, SHBC19]. device-related [SCL13].
devices [BJK+11, CDA11, CCdR+16, CTL12, CMX+11, DS16a, GGB19, IB11, LKW+09, LZH11, LKL05, PCBB+11, PSG+09, SFJ04, SKE10, SHBC19, VAO8, ZK04a].

DevOps [LPB19]. DIARMA [MM00].
diagnosability [BGLG13, KKH+16, LORB03]. diagnose [WLZ+17b].

Diagnosis [RB93a, SK02, CBS16, Hat99, JKO2, LORB03, LDZ15, LXY9, MHLMG14, SKK+18a, WY04, WBS+10].
diagram [CTKT13, Kuo94, LK99, YLC08].

Diagrams [BTT84, DS85, JN84, LMIV15, TK91, WSN92, BCV06, BS12, CCR14, EA19, KZDX09, OWB11, SDB18, TLGE18, GC13].
dialogue [LHYL05]. dialogue-based [LHYL05].
diamond [CSW13, HCL12].

DIANNE [DABL+18].
dictate [HKVvD07].

Dictionaries [Cha91].

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

Differences [OS87, BBS00, EL88, JKD02, SB14].

differencing [HCL12, WWTH08, YWTW11].

Different [SKS96, CBAV16, GGC+15, Kan15, LFCL12, MBL+99, MRS18, Miu07].

Differential [Kim12, LGW09, LGL+10, Rod86, EMBS17, LLK10, LGLL12, SDM10, TSS11].
differentiated [TYH04].

difficulties [Jef96, KLT07, She02].

difficulty [Sch97].
diffuseness [GPD+19].
diffusion [BM89, jT12].
digested [LHYL05].

Digital [BEZ14, Lin01, AM10b, CWH00, CIB+19, GMS11, HRL09, HL00b, HYJL04, KM11, KLP10, MM14, SRGL08, Sn79, TCC02, yWnL15, YKC+05, CDS07].

Dimensional [MPS86, Aba06, CCW02a, DGWC16, HLW08, LcSsW06, LWC+18, LQC+14, LO04, GC16, ZMAER99, ZCZ11].

Dimensionality [SB93].

Dimensions [LO92, FS14a].

DIPS [MC04].

Directed [CBZ00].

Direct [CBZ00].

directing [KK11].
direction [CCW02a, WCB+17, YCLY13].
directional [FL05].
directions [BGEP17, FN99, Sa98, VHFST15].

Directory [LS97].
dirty [Gla94d].

Disabbreviation [LTHR97].
disabled [HWdS+15].
disadvantage [CS07].

DISARM [KB16].

Disaster [MAEL19, Gi88, HCL+10].

Discipline [Gla94c, An09e, FP19, PV12, Gla94d].

Disciplined [HL10, RMO+08].
disciplines [GAK92].
disclosure [CL10].
discussions [Jav88].
discourse [AT15].
discoverability [KTK19, SM17b].
Discovering [CD05, KVT+17, MV09, Oja16b, KV05, SJ13].
Discovery [SMR09, CHL11, DMQ07, GLJ13, HWHM02, HHK13, KK11, KKR16, LK09, LGH+17, LLIW14, MPST06, SiSLS+19, SSM+09, VPL+10, WAWO12, ZWM+18, ZS05a, ZM05, dBvV08, MPG+08]. Discrete [Cla86, GAWW07, MS97, AMAY19, HRN+01, KDEK04, Lin12b, WS13].

Disjoint [CLC03]. Disk [Haé91, TC93, CB89a, CCSC01, CCSC07, KEK04, LKL05, RFT+12, TSSD09, VM00].
disk-based [KEK04]. Disk-Buffer-Cache [Haé91].
disk-scheduling [CCSC07, RFT+10]. disks [CCLC96].
disparities [WL16].
dispatching [OB13].
displacement [WJ99].
Displaying [MS97].
dissemination [ACSC16, HSS10, HL06b, LKK14, PSH06]. Distance [Bhu89, AM04, LKL04, WG05]. distances [CCW02b, CH07b].
distinguisher [AMS+10]. Distinguishing [LUS+00].
distortion [LBCL10].
distortions [MBF12]. Distributed [Ara95, BFR96, Bar86, BW96, BW83, Bha84, BP91, BND+14, BW95, BM83, Car96, CSS10, DS94, FG93, Gas96, Gom89, Haé86a, Haé86b, Haé89a, Haé89b, HJ90a, HJS91, Haé93, HL94a, Haé94, HW94, HCS04, HMG96, Hsi91a, HFK92, IMM95, KK17a, KN97, LM94, LK93, Loo05, MLLK11, MKM+06, Mor86, NG91, NIt96, PNJGF12, PM90a, PGPC17, PD98, Pow86, Rah92, RW07, RT93, SAASA94, Sch07, Sho91, SF92, TW95, TDK+07, Tsu85, Ulu95, Ulu97, Ura90, WTS95, WM96, XWZC14, YP94, ZENA93, Zho93, Zho94, ZR94, AR12, AZW07, ACRD19, AD14, AAACL02, ABL15, AMI0b, Ati00, AMNT08, ACW10, BK+06, BdADH94, BLL02, BS96, CN04, CZdV98, CDS99, CLX+04, Car94, CODP15, CJZ04, CET+08, CL99, DBL+18, DKP+19, DK15a, DK15b, DLT99, DGL+08, DFCR96, ESW06, EH19, FVHF+15, FL09]. distributed [GBL08, GTA09, GSM15, GLJ00, Gho01, GD04, HSM+07, HZG+12, HN17, HMC98, HC01b, ISS98, JEO2h, JM96, JLYK09, Jia99, JRO12, KMSMD08, KHS0D10, Kar01, KUK07, KHL+99, KKH+16, KSEN17, KA14, KW00, KM14, KPG+07, KB16, KMS09, L00, LNC01, LPJ09, LPP+10, LSE12, LR04, LUS+00, LC11, LNPAGD+06, LH01b, LZR16, MEH05, MQG+17, MC98, MHWO1, MARD16, NNV1D, NPC12, NBR+14, PM99, PK10a, PDL+16, QL03, RC89, Rav03, Rot89, SM09, SPK09, SO03, SM00, SCdO02, SC07, SMU98, SSF+15, SBB98, SOC+03, SK04, SB19, SK10, TW98, TM98, TR18, TAB+16, THWC10, TLK16b, TDM07, USLC01, Ulu98, WT01, WBW+06, WCLK07, WFWL09, WKK09, WM99, YY04, YCWW15, YCL17, YYWW07, YZL+14, ZK13, ZLC+14, ZZ88, ZL+96, ZS01, PD12].
Distributing [BGTC18, CKL08, WZJ01]. Distribution [BB81, Dye93, HBG+14, SL80, CBZ00, CKL09, CLG08, HBG+13, HSPD14, RSB+16, WWS15, WHHT08, YS04, ZK04b].

Distribution-Based [Dye93]. Distributive [Ver89]. disturbing [Gla94h]. dithered [UUN13]. diverged [MT13].
diverse [SNDD19]. diversity [BFLP09, CKMT10, Rom99, SSMvdM16, YS02].
division [MSAH16, WC99].
DiVM [RSCB18]. DL [HRL09]. DL-based [HRL09]. DMMX [CsaLG02]. DNA [WGZ+12].

Do [Ano87f, FN85, Hen88, M¨ul07, OBS+18, OT92, RDPM19, BLLGSMB11, CPRT16, FF89, Gla93h, Gla98h, HA10, Kru08, LS98, PCV+08, PVSG05, SNJ+07, YHMS16, CPT05].

Docker [SMHS18]. Document [BCD92, CDS10, LLH08, AF16, CDS07, CK02b, DII+17, KY09, LL09, WHG01, ZM04, ZL06]. document-driven [AF16].

Documentation [End91, SG91, Sch81, Ber03, CSKB+89, Gla93a, HZ15, HS03,
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, KS19, SMHS18].

doing [Gla88c, Gla98d]. DOM [KY09]. Domain [Gla92f, Jar93, KO95, Lam97, PC10, Pas96, Put00, TM97, dOZR+04, ACG+15, AMCC14, ARS17, Ano92g, AMK12, BML+13, BRC09, BGH03, BKB+07, CL06b, Del08, EMB17, EZRK16, FB09, FH10, FCL+00, FLA+01, Fra04, GJ13, GW95, HGB13, IZ18, JOZ03, JF99, Jen99, KG09, KKP06, KPS08, KM16, LXC11, LLL+17b, MSS18, MPTT14, PW90, SKL01, ST13, SL03, SH16, Spi01, SP14, yWpWyN13, YWWS10, ZGH+07, KVH12, RAS12, VPD13].

Domain-Dependent [KO95]. Domain-Independent [KO95].

Domain-oriented [dOZR+04]. domain-polymorph [FBM09].

Domain-Specific [Lam97, Put95, PC10, ACG+15, AMCC14, ARS17, EMB17, GW95, HGB13, KM16, SKL01, SH16, Spi01, ZGH+07, VPD13].

Domains [CV92, 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].


drag-and-drop [SDB16]. DRAMA [KPS08].

Dramatic [Gla96d]. DRank [SPLW17]. Drat [LDN87]. DRDB [SBB98].

DRE [LBS+07, SDG+07, TDW+14]. drift [BGE17, YF15].

Driven [Har81, Jar93, PMR16, Por93, YY93, AD13, Aki18, AF16, AC16, ABCT06, BKR09, BCF18, Boz00, BKRW19, FGB+19, CCHW09, CWK+13, CPYZ14, CCC06, CHCO11, CV16a, DB05, DY99, ELHC13, FAD12, FAI13, GMPN16, GKS18, GWvD08, GMS07, DDF+13, GEM15, HP16, HVK11, HK13, HRN+01, JR09, JPD17, KKL09, KBM18, LZ+19, LWZ+16, MEB+10, MGB16, MBAG11, MAG12, MB19, MCS+12, MGR+13, MD16, Mus03, NK15, NJ17, Ýzm09, PLCC09, PKD+16, PG15, Pho98, Pho05, Pho06, BDF+12, PGRQ17, PQLN04, PZ+09, Rey89, RRM17, SAM12, SBBB19, TKM03, TK16, TAF+17, TTR+13, TGP11, UIK17, VM12, Wau19, WWS13, WDL6, ZLC+14, dBv03, AJCM08, BMKM15, DL06].

drivers [BC09, OML16]. drives [nWscW12].

DRM [LLLK12, LH10].

DRM-protected [LLLK12]. DRMFS [LLLK12]. drop [SDB16]. DS [NJ17].

DSEA [LLLZ06a, LLLZ06b]. DSFMS [GPM13]. DSL [MAGC+17].

DSLs [BL+18]. DSM [INS00]. DSP [LC05, LC07, PM04, WWL10].

DSS [GRR16]. DSVerifier [CIB+19]. DTA [Rav03].

DTN [ST11, VT14]. Dual [WY04, HCC05]. due [MBM03, JLC04].

dumb [MK04]. duplication [HTK00, LLYC16]. duration [GGC16, LMA15, PCC18].

Durations [LNY+11, ZWX+08]. During [KSH92, BRS+18, BKRW19, FB18, Faint, Lutf96, MAAC17, RDVC19, SFM99, ZD18].

duty [LWL04]. DWT [CWP09].

DWT-based [CWP09]. DyDAP [SGBCP12]. Dying [Gla97b]. Dynamic [APM+14, APT+12, BFR06, CsALG02, DVM+16, DTV09, EGG+11, FG93, Gan91].

Dynamic [APM+14, APT+12, BFR06, CsALG02, DVM+16, DTV09, EGG+11, FG93, Gan91].

Dynamic [APM+14, APT+12, BFR06, CsALG02, DVM+16, DTV09, EGG+11, FG93, Gan91].
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, BJM02, Car08, CF08, CSSW03, CHS +07, EST06, GP10a, Gla98c, Gla98d, Gla98e, HJP07, JWT17, KMR05, LW02, MN08, PGTS08, RW01, TBG17, TW08b, WM09, Won10, WC16, vV08, HLM +09, SY16a, Ano04f, Ano04g, Ano11d, Ano11h, Ano11i, Ano11j, Ano11k].

Editorial
[Ano11l, Ano12a, Ano12b, Ano12c, Ano12d, Ano12f, Ano12g, Ano12h, Ano12i, Ano12j, Ano12k, Ano12l, 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, Ano16k, Ano16l, Ano17a, Ano17b, Ano17c, Ano17d, Ano17e, Ano17f, Ano17g, Ano17h, Ano17i, Ano17j, Ano17k, Ano18a, Ano18b, Ano18c, Ano18d, Ano18e, Ano18f, Ano18g, Ano18h, Ano19a, Ano19b, Ano19c, Ano19d, Ano19e, Ano19f, Ano19g, Ano19h, Ano19i, Ano19j, Ano19k, BKW10].

Editors
[BDM +93, BDM +93, BDV17, CD00, CLH07, CH11, CLY17, CLC08b, CHL11, CZG +15, CLG08, CTL08, ...

Educator
[Joy94]. Educators [Gla91e]. Effect
[CB16, FAI94, GR97, Loh84, AL10, BDPRC18, CPYZ14, ETM10, HJN11, HCN00, HNJ15, JSL16, SRJL +18, SW88, WW00, XNP07, YAY13]. Effective
[AKB11, CKCK15, Fen93, HK13, JJC +14, LCC10, LLL06, ROFGRFRM13, Shu99, Tre81, WQ06, CX10, DFJ19, GPL +15, IWF07, KHS11, KPS +04, KLB15, LC05, LC07, LWN +11, MQG +17, NW05a, PC02, PC01, PCC18, PACH15, RB16, SD16b, SZ98, WZG09, WAG15, Wey99, WDC10, ZG07, ZK09, LXC13, effectively
[KTF +16, ZXC +17]. Effectiveness
[ARAS94, CCL01, Emd91, FZ93, GC94, SYB97, CKMK06, CW95, ELH00, FF96, FWH97, HS99, JK00, JST10, NR04, RZL +18, SL08, WHMP99, vdRBSvV10].

Effects
[DG80, HCWN05, Kri06, OCCN89, Sch97, AW07, CGW08, FCSM09, GL09c, HMC01, Hus01, JH10, JI16, Kan15, KCV11, LJ16, MFM10, SMV16, 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, YZ05a]. Efficient
[AMP12, ACSC16, BKLE18, BM18, Be93, BDM +93, CCG +18, DRA +19, Fra86, GLWY10, GGK19, GH04, HPT07, Har81, HL11, HL06b, JLY14, KH97, Kim17, KKR16, LRO19, LHJ10, LLK04, Lee07, LZL +15, LWZ +16, LHYZ12, MPST06, MCKA18, NES +14, NZM10, OFWP07, Owo96, PWLH06, Ram90, RO13b, RVC17, SAASA94, SD94, SM00, SGO13, TW95, TH05, ULN06, WVT +14, WXZ +17, WL09, YCLY13, XYP +18, YZL +14, ZG13, ZAY12, Aba06, ATvHJ18, ASV +16, AM04, BCA +19, BHAM09, Bar15, CDA11, CKCK15, CD00, CLH07, CH11, CLY17, CLC08b, CHL11, CZG +15, CLG08, CTL08, ...
CBK02, DA07, DFJ19, EMBS17, EZOK14, FS06, FNWL18, GQ12, GCSDDP+18, HL09, HWL13a, HC04b, HSS10, HS15, IB11, JW06, JC02, JLYK09, JXLC15, KK96, KKH11, KPSK09, KMS09, KKL11, LMS11, LWHS05, LC07, LH11a, LKL+11, LHZX12, LZ13, LZG15, MPN+17]. efficient [MC04, MLC09, MSAC16, MT10, MM06, NVND17, OT17, PHN08, PJ09, Pen11, PPM17, PFL16, SM17a, SC08, Sh17, SOC+03, TLL12, Tse07, TL07, TL09b, USLC01, ÜDUG04, VT14, WMWZ12, WK88, WC11, XB19b, YWLGO2, YC09, YC08a, YSK06, YH10, YC08b, ZM12, ZGSH13, fLSN18, MC10, MPG+08]. Efficiently [ZY+18, IJC03, LBCL10, LGZ+18]. Effort [DoL97, DG80, Eva95, FWD97, JB91, Lee93, NQ98, SB93, SB95, WSD81, ASMN15, ABL16, ANC11, ANM15, CM15, CH07b, DCT17, dGFDL16, GJ07, HBV10, Hua05b, IAA16, IHA16, JJS03, JT04, Jor04, JH10, Jor10, Jor16, KM13, LH08, LJ16, LMYMT08, MS03, MDFG08, MT98, MdFD+15, NBH19, PCCK18, RS00, SPC18]. Efforts [HH97]. Eiffel [Mey88b]. Eight [GTFT17, Vca+16]. EIS [Sal02]. either [Gla05]. elastic [HWR17, TSC19, ZGSH13, dACM17]. elasticity [DM17a]. elastizing [GE15a]. ElasticSFC [TSC19]. elderly [HWDS+15, TCCH12]. eLearning [JRO12]. election [LMS11]. electricity [LZL+15]. electrocardiogram [SLW+15]. Electronic [JT97, Ber03, CW09, HH09, PTK00, SL02, WKV11]. electronics [HTB12]. element [NG08]. element-based [NG08]. elements [AMdLM17, FSYGP17, HLWCO4, SFM99, TKZW17]. ElGamal [CW00]. ElGamal-like [CW00]. Elicitation [Lan98a, LZLC17, AVG19, GSM15, PG12]. Eliciting [ASS07, CP07, DB06]. eligibility [DSG11]. elimination [CC09, LZ12, Ozm09, WAWO12]. elitism [PS13]. elliptic [BAAS13, EHKH04, IB11, JW06, NKM10, PSBN11, YC09]. Elliptical [MPS86]. Else [Lak93]. elusive [SKZ+04]. email [CP09]. embed [KPS10]. Embedded [ABCH13, LPX10, War89, Wer89, WCTK12, ÅRMC16, BRMA+09, CWK+11, CC03, hChSyCwL10, CS04, CG05, De98, Del08, EB14b, DDF+13, HZG+12, HNS12, HLC+09, JHS09, KCS01, KSM+16, KSH+12, KP07, KLG10, LNY06, L11, LLS11, MYZC06, Mar81, MFMCY12, MBAG11, NEM17, PB04, RAK15, SO03, SC10, SP08, SJJ+10, TC12, WCLK07, WWL+10, WWSS13, WDN05, XY07, YSS14, drsB13, fLSN18]. Embedding [Cho04a, LCT10, Pdc94, SÅM17, AO16, EA11, HCL12, KC09, MKH+12, PWLL13, WLC08, YWWS10]. EMBOT [ZEY04]. emergency [LN13]. emergency-care [HWDS+15]. emergency [BCG13, Han12, VA17, CA14]. Emotion [MPP15]. Emotion-led [MPP15]. emotions [CFA+19]. Emphasis [LIt90]. Emphasising [CH94]. Empirical [AW07, AS96, BGB09, BBP96, DDM14, Emd01, FA13, FP19, Har00, MBB01, MPLL18, Pas96, Por93, PFL16, RK00, RPT19, RSG12, SW09, St09a, Sub93, SB95, SYB07, SAN+17, UN09]. Ewi14, WSJ14, ACS07, AGC+15, ANG+19, AL05, AKKS11, ARH+17, AB10, AS00, ANM15, BKZ+06, BVN07, BRB14, BS89, BBS00, BCD+18, BGH+08, BHR18, BvD06, BT03, CFL+18, CH09, CH10c, CO12, CN00, CGS06, CGMPA08, DvVA+13, DSRS03, DOL+16, EA14, EJ01, EED16, EBC10, FB18, FLRT19, GTA14, HHKB16, HP16, HH07, HJN11, HSS99, HBJ+99, HSK+17, IS03a, JSL16, JL19, JP10, KFSS18, KY10, KPE10, KPM05, KTO3, LMK10, LWHS19, LS07, LS05, LMS12, LTO1, LWC06, LCL15, DPS03, MNS13, MDV17, MSA08, MM0a, SGR+13,
MRSS19, MR00b, Mur08, MHLMG14.

empirical [NCS10, dONTF19, NCW19, NWZo5b, OOD09, OWG19, OD05, PLM07, PHR10, RDP19, RVG04, Rob98, RNR17, STS19, SKRB19, SVM19, Soi78, SSA08, SC01, SLL14, SKF17, Tan00, TB13, VK08, VHF02, VBC14, WM95, WDMR99, YC13, YHS16, YR09, ZXC17, ZFY19, BWH10, MPTT14]. empirically [EA19, GN15].

empirically-developed [GN15]. employee [LC09]. Empowering [Deu01, MF90, PWA19, VTZ17, CDS02].

Emulation [YY93]. Enable [MSB18, CdAM14, PACH15, VvSvV16]. enabled [AN10, EZRK16, GGB19, KR14, LPJP09, SDG07, LWZ12].

enabler [LWZ12]. Enablers [ESWA18]. Enabling [BHH12, BLUH15, HSMW03, JZL17, PC15, YYS16, SKKL07, TC12]. enactment [GPHS08, RRM17].

Encapsulation [Joy87]. encoding [CNL13, CSW13, HL09, HCL12, ML09, MIUM12, WCC11]. ENCOMPASS [TC89a]. encompassing [LD00]. encountered [GsdS16]. encrypted [BTPLST15, BL11, CH11, GZS18].

encryption [BAB13, CHC01, FSGW11, GMR08, HY95, LLLL06a, LLLL06b, LLC10, LW13a, LW13c, NES14, RG10, RSP10, SMN14, SLZ12, SWH10, tJ12, WWY11, WHY12, WZG12, WH02, YLZ16, ZLW12, ZT14, ZML17, ZS12, ZZ12]. End [BCFP19, Gla00e, SP14, ZK85, AKL14, CFL18, CTHW12, FBC10, G99d, GCSSD18, HBG13, HBG14, KY10, KD05, LKP13, LSO5a, LASL14, LSLG17, MNO18, SK10, WCLK07]. end-of-century [Gla99d]. end-to-end [CTHW12, FBC10, GCSSD18, HBG13, HBG14, KY10, KD05, SK10, WCLK07].

End-user [BCFP19, SP14, AKL14, LASL14, LSLG17, MNO18]. Endpoint [AT18]. ends [LKJR10a, LKJR10b, PSS11]. endurance [nWsCqW12]. enemies [WLL17]. Energy [BCA19, CLY17, FHY17, LZZ15, TL07, TL09b, WH15, Wen16, ZWC19, ASV16, ARMC16, Bar15, CDA11, CZG15, DM17a, GQ12, HZG12, JLYK09, JXLC15, KCT12, KA18, LWL13, LGHR16, LSNL19, LZZ14, MDO10, MT10, NNVD17, PJ09, PPMM12, PFL16, SPC16, SMH18, Sko14, TCAF16, TC12, VT14, WWMW12, WC11, XJZ15, XB19b, YZG13, ZGSH13]. Energy-aware [Wen16, ZWC19, GQ12, LWL13, MDO10, TCAF16]. energy-efficiency [KCT12].


Engineering [AAC16, AJMP96, ACCD91, BF81, BCD92, Boe83, BL03, BW93, BHR99, Bux90, CG15, CB89b, CCCY17, Chr91, CVG13, CL95, CBVD07, CDJ84, DR92, EHS93, Fen93, FG94, Gar13, GCH91, GR05, Gl92a, Gl96a, Got90, Ham81, HC15, HD84, Jac98, JVT17, Jef91, Jef96, KSS84, KL96, KB07, KL11, Lan90, LL85, LN13, Mai96, MA89, MR80, Mey88b, Mil89, NFSS11, O'N83, PMR16, PSS11, Rey80, Sag95, Sai09, Sed93, Snee93, Sta93a, TGBF17, TR89, VM89, VE03, Woh16, Zel96, ZC97, AAAC07, AC19, ADZ10, ADCO18, A17, AS10, Ale05, AM18, Ano96m, BM05, BMA13, BNvdH05, BCF19, BCR19, BM89, BBND18, Ber95, Ber02, BCL18, BS96, BDBLP15, BR18, BDA12, BDM19, Bra89, BGC13, BKB18, Bud00, BT05, BM00b, CC08a]. engineering [CdS18, CSNS05, CLR18, CC11, CMR19, CR89, CRESF13, CU98].
DY03, DTV09, DPMD07, FPW96, GGK19, HMO18, HGP+12, HL06b, HCC05, JS16, KSN17, KSENMI17, KGT02, KK17b, LKL04, LSZ+07, LLH08, LVPMPCLS13, MC04, MGI07, MPG+08, NK14, Ni97, NKJT09, PJ09, PLGT10, PM10, RT07, SCd02, SC08, SLW+15, Tan04, WDC12, XYZ+19, YC09, ZMN05, NFSM11. epidemic [MK08]. EPR [UUN11]. Equate [Zei88]. equation [SM08]. Equations [Rod86, EMBS17]. equipment [AAMS16]. equipments [AAMS14]. equivalence [CHN19a, DPP+18]. Er-Data [Mar84]. Era [Gla00e, FGD+17, Gla00g, Oja16a]. ERD [CTKT13]. Ergodic [FN86]. Erlang [CF13, Lai97b]. erosion [dSB12, vGB02]. ERP [CWJK13, Ifi11, MRM16, NGC02, PD16, RPK+13, SL10, WSH08]. ERP-client [NGC02]. Erratum [AAH12b, KPME05, LKJR10a, LLLZ06a, Wl09a, Woh16]. Error [BDM+93, Dye87, Glaj83, Goe80, JM90, MM93c, OW84, Se93, TC06, BMS11, CXL0+15, KBB18, LP00, LS07, LQCL16, LWBH16, MT07, MSGGL12, MA10, OBS+18, SL08, TVK95, TBD+08, Wei79, WAW012]. error-correcting [BIM11]. error-prone [SL08]. Errors [DG92, HP92, TDB97, BG06, CSS+13, FCMJ12, Glaj89c, HCS09, JSHW14, LCLF13, Lut96, OCCN89, SW88, Ws02, WZ15]. escape [Glaj95a]. escrow [Nec96]. ESPRE [TA9+18]. ESPIRIT [WBR90]. Essential [Jf96, KBK06]. Establishing [ANB93, BVN07]. establishment [XSS06]. Estelle [HHL+97, HL08, Jf97, Lai97b, Lai97a, LL99]. Estelle-based [HHL+97]. Estimate [SB95, BPM06, SA18]. estimated [OGK13]. Estimates [LP95, ELH00, GJ07, HFE10, Jor16, LJJ16, MÖHB08]. Estimating [Cai98, EG00, HH97, LHC14, Oza97, ScMC02, TTC18, CBAV16, KLB15, LP00, LXG10, MH12, MM01b, WL15a]. Estimation [AH90, BBS81, BF81, BHL00, Cav84, FS88, FWD97, Glaj93e, JB91, KTS85, MT08, MTON94, SB03, VSS83, ATvHJ18, ABG02, ACG+S+08, ANC11, ANM15, Bi03, CM15, CCL+19, CH07b, CGS06, DW11, DCT17, dGFDL16, HTO97, HLW08, IAA16, IA16A, Jf90, JH10, Jor10, Jor16, KPAE02, KPE05, KPG+07, KRCK08, LXG09, MBF12, MMC05, MA10, MHS099, NH13, NQ08, NBH19, PEO11, PD16, PCCK18, PD12, RPK+13, SSM+04, SA06, SH07, TAT+18, TPH+06, THGL07, OOD09]. estimations [CBVF19, MPAA15, TR00]. estimator [SD16a]. Estimators [HP90, TR00]. ETCS [ZH05]. Ethical [Car99, KAb92, McF92, Spa92]. Ethics [BLPB92, CM92, GAY92a, GAY92b, LIC92, Lue92, SM92b, WKB017, Got90]. ETOOD [TA02]. European [AM94]. evading [YWWS10]. Evaluate [ARAS94, BP86, AP09, ABJ10, BM00b, CXO+15, HLLS13, MNSA15, MNSA16, SSS15, dOCS13]. Evaluating [BG03, BS09, Bi03, CCG+07, CBAV16, CW89, CDBT07, CPDM16, CFM+16, EA19, FF96, LV97, Li11, MM92, MG81, OKG13, Pan81, PS90, SDLS+19, Wei79, dOSSG17, ABG02, Bat08, FSGL12, HCC08, KV05, LZO+13, LCLL08, MMM00, RZL+18, SM07, YR09, SMHS18, YLZC12]. Evaluation [AAH10, Bha84, Bol97b, Bud00, CFF01, CG94, CZ91, CR85, DV94, ESK89, FLN91, Haç89a, HO97, Ham81, HLB09, Het95, HJ00, Hsi91a, IYK95, LCM+13, Loh84, MPS86, MHH16, Moh81, Pow86, Rey80, Rv93, SYB07, TLPH95, Uhu97, WNCS96, WH97, Wey99, AZGV09, ADMK+10]. AAAK18, AK16, AAH12b, AN96m, ANM15, BKZ+06, BHM12, BMOKAM09, BMA11, BM00a, BNW+08, BM07, BLM17, BGG10, BGG+06, BT17, BK17, BS15, BT03, CTZ92, CcCAD018, Cj05, CMK+11, CRC19. CREH+18, CSKB+89, CFA+19, DZW+09.
40

EB14a, EA14, EJ01, EK13, FH10, Fug03, FL09, GLWY10, GDLB16, GLJ00, GPMLO6, HTO97, HRD10, HHW01, HRS95, HLWC04, JS11, KJB97, KG18, Kor99b, KKIMT96, LH04, LPS02, LZG07, Lop03, LY18, LLGZ13, MK17, MK06, MACB19, MGAN18, MM00a, MD89, MSHG18, Nae01, NsL00.

evaluation
[OS09, OD10, ONR02, OKT09, PK10a, PWLH06, PCHW12, PBZ10, PCFRP19, PTRW04, PB00, PG04, PFKK89, PL16, QHS08, RLY13, Rld81, RM19a, RGH17, SM06a, SA11, SXYW14, SS04, SSCL08, SK02, SM16, TB13, TK00, TDK07, TPKT12, TMB02, VK08, Wau19, WHB01, WR10, WMD10, WSJ14, YWLG02, ZK13, ZJC10, ZH05, Ano84c, Go84, KB07].

Evaluations
[YLC18, KOS15, SUSO04].

evaluative
[SC99].
even
[HG18, JL97].
evenly
[CKL08].

Event
[Chr86, LVB93, Sch91, BRB14, BG98, CM12, DSPU06, FS19, FGD17, HSPD14, HRN01, KMB05, K17a, KDEK04, LGH17, LP05, LGL08, PLCC09, PG15, Phi98, SFSE05, TKJ16, WLL15].

event-based
[DPSU06, HSPD14, KMB05].
event-driven
[PLCC09, PG15, Phi98, TKJ16].

event-extraction
[BRB14].

event-triggered
[SFSE05].

EventHealer
[TKJ16].

Events
[KD91, DM17b, KFN19, KM89, TS19, TL18].
eventual
[BDK08].
ey every
[GSB07].

Everything
[SST16].

Evidence
[Bro81, SdSGdMSN13, JR09, Wen03, Wes02, DLW13, NSL07].

evidence-based
[JR09].

Evolution
[AK08, ESS85, Lekh80, NS87, NKMM12, dONTF19, PSZ17, VHFST15, Wic92, ADTZ12, AD07, AN01, AL05, ABCT06, BCL12, BM00b, BSQ18, BKRW19, CT08, CCM12, CHLW17, DRELHE16, DGRN10, DD01, FL09, GGVH18, GPM08, GPPT16, HNZ17, HM00, Har00, IF10, JLG17, KLRW01, Kel09, KBHG17, KBH07, KP07, LS07, LGH17, LM03, MPTT14, MD16, NCS10, NBA15, NISM17, PLVB18, PLM07, PS16, PBD12, RR08, RMCH14, SM09, SBT19, SA12, SL08, St09, UD10, Wuc80, XYCL17, YAKK16, YLC17, ZRF04, ZWF18, dOSdAdSG17, Har97].

Evolutionary
[GZY11, PL92, Poo93, TCK14, WWB09, AGR19, BC89, CV16b, GTY12, HJ14, PLHP15, SA02, SA08, TN05, XJZ15].
evolvability
[BCL12].

Evolving
[AK08, ES85, Leh80, NS87, NKMM12, dONTF19, PSZ17, VHFST15, Wic92, ADTZ12, AD07, AN01, AL05, ABCT06, BCL12, BM00b, BSQ18, BKRW19, CT08, CCM12, CHLW17, DRELHE16, DGRN10, DD01, FL09, GGVH18, GPM08, GPPT16, HNZ17, HM00, Har00, IF10, JLG17, KLRW01, Kel09, KBHG17, KBH07, KP07, LS07, LGH17, LM03, MPTT14, MD16, NCS10, NBA15, NISM17, PLVB18, PLM07, PS16, PBD12, RR08, RMCH14, SM09, SBT19, SA12, SL08, St09, UD10, Wuc80, XYCL17, YAKK16, YLC17, ZRF04, ZWF18, dOSdAdSG17, Har97].

Evolutionary
[GZY11, PL92, Poo93, TCK14, WWB09, AGR19, BC89, CV16b, GTY12, HJ14, PLHP15, SA02, SA08, TN05, XJZ15].
evolvability
[BCL12].
evo
ed
[GL14].
evolved
[GL14].
eVoting
[Pen11].

eXact
[Kim17, LHSK06].

Examination
[Sub93, LysL81, MR00a, PHR10, RNR17, Sta14].

Examining
[DGCA17, FMSG08, Gla99c, Ifi11, BMB19].

Example
[PU84a, She94, Gla94h, HB89, KLRW01, LK09, PU84a, PN84b, Van07].

Example-Directed
[PU84a, PU84b].

Examples
[Eli92, HS03].

Exception
[CCHW09, ECS15, FdSBRO6, FRR09, GRRX01, JCYC04, KFLS18, SCL13, SHBA16, ZM18].

exception-related
[ZM18].

Exceptional
[TB95].

exceptions
[CF12, Hdm17, OBS18].

Exchange
[Tre81, CLC08b, Gla95g, RHRC13, RHRC15, WZM12a, WZM12b, YC09, YC12, YM13, ZSM04, ZG10].

exchanges
[JS16].

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

Exclusions
[DS94].

Executable
[GMG90, JM90, Kun95, MGJT87, TKU93, BLK18, HS03, ICK14, KTT17, KH14, SM00, TC89b].

executables
[CPiLH09].

execute
[CLW05, SHS18].

Execution
[AM85, BL18, CZH18, Dii91, JO83, KMWL12, LK93, Rec93, RXY19, TT93, ÁRMC16, ACH19, AAA11, CdAM14, CBZ00, DFJ19, EED16, FDAM12, GGS15, HCB16, HSPD14, HS15, JJC14, KCT12, LU06, LWL13, NCK15, PH13, PPG10, SC19, SOC13, SK18, TAs18, WQ06].
Execution-based [Dil91]. Executions [kAR+19, ASdMGM14]. Existence [MKRO14, Gla96h]. Existing [LTT92, His98, MAGC+17]. exogenous [BCB09]. Exoneration [GLOM19]. Exoneration-based [GLOM19]. expansion [AQK11, CL06a, JK13, LCT10, WLT+09, ZWM+18]. expect [DOL+16].

expectations [IF19]. expected [GGC16]. expectations [IF19]. expected [GGC16].

Experience [Amb87, Arc81, Blu86, Fra07, Joy94, Lai97a, LZL97, Sca99, Sei89, TNAA01, TL09a, ADZ+09, ZWM+18]. expectations [DOL+16].

Experience [DOL+16].

Experiment [BC91, MD81, BS09, CFRPC+18, DSA+04, MNSA15, PUPT03, RZL+18, SCMS15, SHW02, WFF18, HWLM11]. Experimental [AD07, CSKB+89, FLN91, HCN00, KOS15, KKMT96, Loh84, M96b, Moy96, NY84, TLP05, WNS96, YS02, ZPEL01, BNvH05, BDP18, CBB+15, BDPRC18, CJBH08, CCCC07, FWH97, LASE00, LMIV15, LFCL12, LJ99, MMTL06, OK11, OFR+12, PG04, RSS00, RM19b, SK02, Zel09].

Experimentally [NSM17].

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

Experiments [JG08, AP09, CGP+05, Fle95, JDSL16, KSFT89, M+07a, MNSA15, Mi04, SK+18a, SKW02, Vis99a].

Expert [Col92, Eli92, Gla98g, Ker92, LO92, MMSH92, OT92, Pla92, Pop92, SSIR18, SM92a, SYB97, Wic92, BHB+05, BDDS11, GJ07, Jor04, KJ99, MÖHB08, THGL07].

expertise [Ifi11]. experts [RDVC19].


Exploiting [BFPAGS+08, CFN07, ECRVMS11, GE15b, ILZ14, IR12, SJ17, WLT+16, TGE17, VT14, Vla98, FAD12, FHL+15, HH00].

exploits [WLZ+17b]. Exploration [Dam96, GD04, JPD17, SDFH99, TAV13, vHJPB+17]. explorative [KLT07].

Exploratory [ZSP01, AMdLM17, BS12, CSDdSG+18, ECS15, GCDY16, GW10, JRA11, KNA11, MFB12, MAH18, MFM10, ONR02, PVSG05, PV06, RASL12, SS12, SNJ+07, TKZW17, Tan00, WKK19, ZGH+07]. Exploring [BAM17, BGG10, BWDP00, DC09, HRH+01, IF91, KK12, MM19, OWB11, QGZ+15, SPC16, SG16, ZCC18, JG14].

exponent [LCL15]. exponentiation [LCL15].

express [BGH+08]. Expressing [BNR09, Lak97, RB99]. Expression [NTT19]. Expressions [Bra96, BH83, Hee90, CK02a, PC02, PWLH06]. expressive [MMP15].

extendable [NC10]. Extended [NC10].

extensibility [KFS+02]. extensible [KFS+02].

external [TGE17].

extra-functional [TGE17].

external [TGE17].

extract [IWF07, TC11, TH02, BDO11, FTSC12]. extracted [CCWT13, WPP+09].

Extracting [AK15, DCG16, SDB18, SHS16, YLC08, JLG17]. Extraction [AB90, DS04, AACT13, BRB14, BKS15].
BKSM13, BKSM14, CHN19a, EKV05, EB14c, KKA’+19, LZL’+18, NBA’+17].
extranet [DK01]. extreme [GJ13, HBM05, TW08a, SJ05]. Eye [KWS’+17, LSZ’+07, GW10].

F [GMGTdFR14, PW18, FLA’+01]. Face [ZLmLN14]. faceted [LAT10]. facets [KMG’+19]. Facilitate [KK81, GSM15, HBR19, LT09, WWLG13]. Facilitating [KCS08, ZMN05, KCAS13, MDP’+11, WSJK08]. facilities [PK01b]. Facility [Sho91, DG98, WHN’+01, Wei79]. Fact [Gla95h, Ken84, JBA08]. Fact-Based [Ken84]. Factor [CR90, MTG92, GCDY16, DLT99, DG80, FWP93, KMO91, KNA11, LL85, MP12, SYB97, VBC’+14, ACS07, BPGS13, CPD’+18, CH09, CC08c, DPL16, Glao06, HFC’+01, Jør14, Kel09, LRD’+19, MB07, MKK09, RH02, RH03, RS98, SNCDC13, WSJK08, WR10, Wu11, ZP00, ZSP01, ZZP15, ZP17, dSF12]. Fail [Par98, AS10, AAB19, BAAD17]. fail-safe [AAB19, BAAD17]. Failed [Ker92, Glao93f, TTC15, ZYZ’+17]. Failure [FSS’+13, Glao98g, Jør14, She94, SM92a, BHXN05, CCCT06, CGW08, DMQ07, DW11, DPVvV19, Glao96d, Glao86c, Hat99, JX07, Lin99, PDL12, TSA08, WGW’+09, ZP06, dL04]. Failures [ASSA96, AD14, CLY14, FN99, Lip79, WLL17]. Fair [FHHL09, JL04, SA05, BV15, HH17, LLL06, ZSM04]. fair-share [HH17]. fairness [TT10]. faking [Glao94g]. familiar [WLL17]. Families [Gom95, SD94, CGS19, CBAV16, CFAP17, DSB05, KTF’+16, dMCR19]. Family [Zv93, AP99, CGP’+05, DOl08, Lut00, MNSA16, PSNB11, PCCldGP12, dAAGdFS’+15, SSS17, TFS10, WDC10]. Fan [RT86]. Fan-Out [RT86]. far [DDMP14, Mea09]. Fast [AAH10, BS86, Kor99a, PSM12, TTH10, ZR94, vD93, AAH12b, CL13, JHYK10, KAS18, LK01, LHY12, MBBS11, PQBP16, VvSV16, PS09]. faster [LHSK06]. FasTLInC [GM02]. Fault [Ban86, BCS18, BW95, CL94, CG94, CC01, DG92, Fri90, FAI94, HOT97, KN07, KPP93, LH83, LY09, MGM10, MS90, Mor86, Mue86, OK94, PdC94, Ram90, SAASA94, STJ83, She95, aSRZ’+18, WL16, WTS95, WFF94, WFZ96, YSDT11, ZJ1’+10, ZR97, ZR94, AZvG09, AT09, Al12, AM15, ABJ10, BKE18, BBBP13, BFLP09, CB816, CCH14, CJO04, CT00, CPR13, DW11, DW14, FP18, FAI97, GGvH’+18, GK08, GH02, Gon08, GPSS’+13, GZ’+19, GLOM19, HTK00, JM96, JJC’+14, KKH11, Kim12, Lea08, LK09, LGW09, LGL’+10, LFY’+99, LCH’+04, Lin07, LM96, LYX09, LLH’+16, LLWL19, LH06, MLD’+14, MdFD’+15, MR00b, MA17, NJ07, PAR14, RW00, SSO05, SMCL96, Shu09, SS04, TR00, THGLO7, Tse07, TXCX19, VMB’+08, LY04, WI15b, WWSZ15, WKH09, WMWZ12, WHMP99, WDC10, XYZ’+19, YLYL17, ZCT’+11, ZS16, ZYY’+17, ZCC18, Zha09]. fault [ZXL01, ZHGL11, dCPV10, Hoa94]. Fault-aware [BCS18]. fault-prediction [dCPV10]. fault-prone [MA17, ZKL10]. fault-proneness [FP18, Gon08, MR00b]. Fault-Tolerance [Ban86, KP93, ZX94, GH02, Lea08]. Fault-Tolerant [BW95, CG94, DG92, MS90, Mor86, OK94, PdC94, Ram90, WTS95, WFZ96, CC01, LY09, YSDT11, ZR97, AT09, CJO04, CT00, GPSS’+13, HTK00, JM96, LK09, Lin07, LLH’+16, SMCL96, Tse07, WMWZ12, ZHGL11]. faultloads [CSM15]. Faults [CMP85, Eva95, VPM93, AZvG11, dSACdLF17, AMDLM17, DB005, JLC04, MHLMG14, SRWE10, SPMG18, Sta03, TVK95, ZWF’+18]. faulty [EMM01]. FBCM [KMKY07]. FC [WCLK07]. FC-ORB [WCLK07]. FDB [KNS09]. FDDI [CCL01]. FDDI-M [CCL01]. FEA [LL07]. FEA-M [LL07]. Fears
CC06, DC17, Fer00, FdSBR06, FRR09, HKY01, HCO04a, Jen99, Kuo94, LL09, LVMM07, LQWL12, LZG07, SG16, SKKL07, ULN06, ZGO7, APS16, DS85.

**FLOW-assisted [APS16], Flowcharts [Sca88], flowgraphs [RG79]. Fly [DV94, Mil98], Fly-by-Wire [DV94]. FM [GSM19], FM-CF [GSM19], FMS [DV99], FND [LHY05]. focus [AHHL16, BPSK18]. focused [WSJ14]. Fog [kAR+19, TMTB19, GGB19]. FogBus [TMTB19]. folder [LH08]. folding [TCSC04]. Follow [Sed03, SSF15].**

**Follow-The-Sun [SSF15]. Follow-up [Sed93]. foraging [LL15, MPLL18, MCS+12, VSDD12]. force [ZK04a]. forecasting [JJP02, LNY+11, PH06, SKF17]. foregrounds [CDS07, QZ14]. Foreword [FM90b, Har90a, SY16a]. fork [GL14, OH15]. fork-join [OH15]. Form [MBCD86, BHM12, OH15, Xia13]. Formal [Arm98, Art87, BZ10, BCF18, CW02, Coo90, Dye87, EC98, Fer93, G91b, Gla91c, Gla93d, Gla95d, Gla96d, GV99, Jac98, JTW98, KSN17, KL91, L'EA87, Liu93, LSHD95, LNPGD+06, MGH97, MG81, MP95, N98, Ost92, Par98, R90, R92, SDKB95, VB92, WKB71, BHH+12, BB05, CTK13, CLSC98, DAR14, DBZ16, DHH13, FIGCLN+02, FIBRGC15, Gla94e, GKV14, GHKR04, HD17, HR10, JE02a, JMM99, KSS03, LF98, MGM10, MA11, MSHB98, Sa98, Wal05, WW09, YK+50, ZAO08, AHH+10, MS17b]. Formalism [Kun95, Ale05, Ku10, SSF15]. formalisms [KEK04]. Formally [BG96, HYS+04, PH04, PPS12, Rec93]. format [SW99, CDS10]. formation [LHY09, OCC12]. formatative [BP00]. formats [CF07, C85+89, JH10, ZT14]. Formatting [Fis91, L'EA87]. formed [BM07, VA17]. former [SNDC13]. formidable [Rei00]. forming [LS17a]. Forms [GK91b, SKS96], formulae [vEHv89], formulas [SGK12]. formulation [CJP98, GP05]. FORTRAN [AC97, Rey80]. FORTUNA [GKD13]. forward [dONTF+19, Tse07, WLL17]. Found [KSH92]. Foundation [NS87, GPHS07, PDC01]. Foundational [ANB93]. Foundations [DPVv19, Mat96, VPMV+13]. Four [Bhu86, VBC+14]. Fourier [GJ13, yWpWypN13]. Fourth [Joy94, RA96, DHKV06]. Fourth-Generation [Joy94]. FP [BK92]. FP-S [BK92, FP2 [Be93], FPGA [FP18, KRHZ05]. FPGA-FL [FP18]. FPGA [EHKH04, MM14]. FPT [YH19]. FPT-approximation [YH19]. FPZL [DOCS13]. fractal [KM11, WCH03]. fractional [MIUM12]. fragile [CCLL11]. fragility [CIB+19]. fragmentation [DFCR96, HSPD14, SeMC02]. fragments [SGC+17, Zhu04d]. Frame [HFK92, SGL93, GL00,WL+13]. Frame-Based [HFK92, SGL93, WL+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, TMBB19, AV12, AM13, ATHM17, AZW07, AK16, AAM+17, AS00, BKE18, BG09, BM89, BSG+18, BS12, CDEV08, CNM18, ÇT13, CJP98, CPX16, CBC14, hCSW+04, CL04b, CMR19, CBC+15, DBL+18, DH09, DSSL09, DS16a, DB95, DBZ16, DB06, DM17b, ETYL15, FBB15, FDOdL04, FFC+10, FMRM15, FLA+01, FL09, GMS19, GKD13, GN15, GPP+17, GPM13, GSN+15, GDLB16, Gru07, GJP96, GMCM13. GZKL13, HALS08, HGP+12, HLMB07, HZH+16, HWCN05, HSL14, HZ07, ILZ13, JCC05, KC16, KH14, KSAR18, KPS08, KT12, KTK91, LCLP16, LBS+07, LSE12, LHH10, LDZ15, LC11, LNW+11, Lop03.
framework-intensive [RAS14].
Frameworks [CGP +09, CdL18, FCL +00, GAKF13, MDP +11, OLV15, PHR10, ROFGFRM13, SKL10, SPCT18, TJT +18, TKJ15, RCL14].
Frank [LZ07]. fraud [Gla95h].
Fred [Ano87d]. Free [HP90, HP92, Shi12, Aba06, BLS18, BL19, CW09, DFCPSF15, GW10, HL10, IT03, Kan15, LL00, Rad04, RBW18, SSA08, WCH03, WDC12, Xia13, YAY13].
free-list [Aba06]. free-spirited [HL10]. free/open [SSA08]. FreeBSD [YSC +06].
FreeRTOS [GPPT16]. French [FM90b].
frequency [BPM06, CS12, HFE10, HH05].
frequency-hopping [BPM06]. frequent [DS12, KKR16, KVT +17, LLT +09, LJL +12, LW13b, MSB18, NDS13, Sal17, SPDT06, ZJL10]. friendly [MCV15, PSNB11, WOLS12]. friends [CN00, EBC10, RNC14]. front [PSS11].
frontiers [WMC17].
frustrated [Gla00a]. FSA [LMS12]. FTAM [LL99]. FTM [AHH +10]. Full [CMNA +09, Gla88b, RU92, Got93, JJC +14, LKH +08].
full-round [LKH +08]. Fully [ZJ12, KSAOK04, ZML17]. fun [GCMB17].
Function [AR94, BK92, Do97, EAH +11, ES97, FWD97, OR00, Re90a, TC93, CSW13, HUR01, HBT16, LC10, SHW09, TSB19, WWH08, WWSZ15, WWB09, ZLCY06, AHGSS05, LWSH19, SB19].

Function-as-a-Service [LWSH19]. function-assigned [WWB09]. Functional [ABB15, BM93a, Dye93, HZ83, How80, KP97a, Mil96b, Moy96, Neli81, SAA93, TT09, AP09, CGBMPA08, De98, DRC12, EGM +11, GD12, GEM15, HRZ06, HPF16, KR16, LF91, LC08, MB19, Nae01, NSD16, OMLB16, SA14, TTM13, TGE17, ZAXR06, YCG +14]. Functional-Decomposition [Moy96]. functionals [CFTT08, RAJ15].
Functionality [Moy96, PLF05].
Functionally [Amb87]. Functions [FS88, Hsi91a, KTR09, LWBH16, MRBN17, TSCB19, TC12, MG11].
Fundamental [BDA +02, EL88, Gla95j].
fundamentals [Ami00]. Further [CA94, WHY +12, VVS99].
Future [Ano87e, CG15, BMA +13, BGEP17, CJT +16, Chr16, DFG +13, Fug12, MKNS06, PRM16, PSS05, TDL +02, WTG +15, Wen03].
fuzzing [ZLL +12]. Fuzzy [Zhu04a, ACGS +08, BSKL10, BMLL14, EL07, KRDH12, LLWL19, LMYMT08, MMS13, SMFB16, SNM14, ANC11, CWP09, MG11].
fuzzy-based [SMFB16].

Galois [JE02a]. Game [MTW97, BNvdH05, LWS +16, LHCT19, XJZ +15, VWSB13].
gameplay [Dan17]. games [Dan17, GMS15].
Gamification [AM18, GPP +17]. gamma [CC01, LCC03].
Gandalf [AM85, ES85, Not85a, Not85b].
gangs [PK10a]. Gap [CFSS08, CKL12, GSM07, IF19, PFG13, SDBB19, TR18].
gaps [CJKC09, JKWL09, O808]. Garbage [Yua90, KCS01, KKLB11, LSA01, SK07].
GASR [FDN +16]. Gateway [Bar86, WZM12a, WZM12b].
Gateway-oriented [WZM12a, WZM12b].
gateways [HMP99]. gathering [CLCY04, CFA +19, MC10].
Gaussian
gaze [KWS+17]. General
[BFC92, Sei89, Woh16, Yua90, AAM+17, BJ03, CCW02b, HKN+07, KL10, LNW+11, SND19, WSM15, WS11, YC11].
General-Purpose [Yua90]. generalization [Raj94]. Generalized
[Bhi90, BH83, CCG14, CT97, KP97b, SM06b, YDGB+12, vD93, WHL89].
Generalizing [SED16]. generate [MM19, SGC+17]. generate-and-validate [MM19]. generated [GPD+19, LW13a, SCL13]. Generating [BDM+93, DV10, KTT+17, LWN03, OL99, PS13, PAOC15, Phi05, Phi06, PW18, PQLE04, SA08, SPMK04, TAF+17, THP+06, TKG19, VRPT18, VPMVM+13, VA08, WBW+06, YLC06, ZAY19, ZAO08, ZYY+19, ZBLG07, ZL06, dRTO6, RRO9]. General [AF96, MM93a, NY84, YCGH92, GP10b, KP97a]. Generators [AF96].
Generic [MM93a, BMS11, CHY+05, DK15b, Gru07, KD18, XPBC11]. generics [RFZ08]. Genetic [JK13, OW04, PS05, TKG19, AR18, AG15, BRMA+09, DXPY03, EEA13, GBL08, GWW+11, JCP02, KSN17, KL15, LHJ10, PS13, RCCVB11, Yoo09]. Genetic-algorithm-based [OW04].
[BV18, JR15, TNK+19, TLA18]. Given [Leu92]. gives [Jør16]. Glass [Gla88b].
GLBM [ZADM10].
global
[APCS10, BHH+10, BBS10, CL18, CCCT06, GGS+19, GBC16, Jsr14, KK11, KR14, LH11a, LCLS16, LR99, SKRB19, SC09, ZGL+10, dOCS13]. globally [KM14, TR18].
Glotos [Son93]. GM [SOC+03]. GM-WTA [SOC+03]. GMPLS [WGY+08]. go [FF96, Mea09].
Goal
[KKP06, LMR12, PZ15, BCV06, CCCT06, CPY14, CHL+13, GPM13, Gla96i, MTF14, PNJGF12, PL99, SCS15, ZWM+18].
goal-based [GPM13]. Goal-driven [PZ15, CPY14]. goal-oriented [CCCT06, CHL+13, MTF14, PNJGF12, PL99, SCS15, ZWM+18].
Goals [Pfl95, CFAP17, CCHW09, ZGL+10, dOCS13].
Going [DC17]. gold [Gla93f].
Gompertz [OOD09]. Good [Gla97f, Gla02, BB89, CHL+13, Gla00f, MM01b]. Good-bye [Gla02, Gla00f].
Gorbachev [Ano90d, Gla90c].
GOTO [BGB90].
government [HBR19, Vsvsv16, Wau19].
GPU [BAI+14, HCB+16, MBB11, PS14].
GPU-SAM [HCB+16].
GQM
[GPM13, KVGS11, MB97]. GQM-based [KVGS11]. GQM-DSFMS [GPM13].
grades [TYH04]. gradient [YCL13].
grain [FSGW11, FAB+07].
grained [PPB19, ZPEL01, ZML17].
gram [SPS17].
Grammar [Ara95, HWC+10].
grammar-based [HWC+10]. Grammars [HP90, PACH15]. grammatical [RMCH+14].
Granular [KK07b, PS05].
granularity [INS00, Jun00].
granules [IBM11].
Graph
[Ara95, Chr86, Fra86, Hott97, PBC93, QGZ+15, WwLG13, AGBYB+14, BKLE18, CLX+04, CL17b, HWR17, KZDX09, LL00,
Graph-Based [PBC93, WWLZ13, SM06b].

graph-modeled [MMP15].
graph-oriented [CLX’04].

Graphical [Arn98, DK97, HG91, LG97, Sny91, CTL12, LK16, MD89, OFR’12].

graphical-based [CTL12].

graphically [Wal05].

Graphics [MC91, ZS88].

Graphs [Dell92, HUMT92, AR12, BP13, BNS12, HL94b, QK08, SK10].

GRASP

[Chr91, GHC91, GSC91, IKCN91, Kraj91a].

grey [Che13, HHO0, JBSL12, UUN13].

grey-level [Che13, HHO0].

greatness [Gla95a].

GreatSPN [Lai97c].

greedy [KHS11].

Greek [KKA’19].

Green [LZL’15].

Grid

[LPJP09, Zhu04b, ALRP16, CLO4b, DHC’11, JLO’10, LK09, LT11, SRS15, Sko14, WS12, YWEW’13, ZZ0011, Zho06, ZG07, ZK09, QG12, KK11, LC06b, NKJT09, PM10, SZZ06, SLLL12, XPBC11, ZL06].

grid-based [LT11, WS12].

grid-density [ZZZZ11].

grids [CT11b, CLH’13, GLW13, HSC15, TdCAF16, FM09].

Grigorik [LZ07].

Grindstone4Spam [MRJD’12].

Gross [LM96].

ground [KA17].

Grounded [GN15, WLD16, AKH12, CO08, JG14, JMML17, SSD16].

Grounding

[OH01].

groundwater [LHP’09, LHP’10].

Group

[ARAS94, CCSC01, GTF17, HR95, Sch81, SZS13, AS01, BPSK18, CJT04, CNL07, HYC04, HDLK00, IF19, Jia99, KPG’07, LL06, LLY07, LCC10, NLK05, RDD02, Shao5, WF07, WHHT08, XY02, YST11, YZ05, ZKSK17].

group-based [BPSK18].

group-by [LCC10].

group-oriented [LL06, WHHT08].

grouped [SD16a].

Grouping

[GT12, GZY11, WHY10].

groups [HBM05].

groupware

[BKZ’06, BDG13, MGR’13, PLGT10].

Growing

[HHKW16, EZG15, KHMA12].

Growth

[DL96, Tan92, Hua05b, KLB15, LHC’05, RSB’14, ZL06].

GSM

[FIGC10].

GSR [CCSC07, RFM10].

GTCharge [LWL’16].

guaranteed [LWL’13, LGHR16, LLK11].

guaranteeing [FCC’10].

guarantees

[AMP12, CGS19, LGZ’18].

guessing

[SC05].

Guest [Bae06, BJM02, BDV17, CCM12, CSSW03, CHS’07, LW02, RW01, SY16a, Ano93g, Ano94f, Ano95h, Ber94, BS96, Bol97a, Cds18, CDW07, CU98, Got93, Hrb90b, Har93, Har94, Har95b, Hova4, HY94, yL98, DGV08, MW08, OPS11, OP92, Pla95, Rad84, Rid81, Sai98, SW95a, Wey01, Wyn01, ZS95, ZWM09].

GUI

[BRB14, HCC10a, YCG’14].

Guidance

[HHB’99].

guide

[PIG08, PFG’10, dSF12, dBV08].

Guidebook

[NB93].

Guidelines [CTA94, Joy87, MMSH92, CPDM16, PHI98, SN07].

guiding [LK13].

Guilt

[TKCR14].

Guilt-based [TKCR14].

Gulezian [BT97].

Guo

[LLLZ06a, LLLLZ06b].

h

[JJ06].

H.

[LC06b, Zha08].

H.264

[GLC’13, LML13, LW3c].

H.264/AVC

[LC’13, LLML13, LW3c].

hack

[SCY12].

Hacker

[SP92].

Hadoop

[LZ19, MK17, SGW’15].

Hadoop-based

[LZL19].

Half

[RB93a].

halftone

[CCP05].

Hamming

[CCL11, ZZG’13].

handheld

[CTL12, PSS’09].

Handling

[BBA10, BT97, CFI2, FS14a, Gul96, JOZ03, LH01a, UHS6, WQJZ10, CCHW09, CPZ14, ECS15, GRRX01, IYS13, KFLS18, LNW’11, MPST06, OBS’18, TKCR14].

handoff

[HL06, PZB10].

Handover

[AHH10, AHH12b, CL13, EZ014, LRD19].

hands

[FIBRGCLN05].

handshake

[WZ11].

HANet

[JCC05].

HaoLap

[SGW’15].

happened

[Gla96k, Gla97k].

happens

[GFWA18].

happy

[GFWA18].

Hard

[Ham81, KCS01, Kor99b, LSE12, LWL’13, PC04, SY02, WMWZ12, wZG14b, ZLZ’96].
Hard-To-Use [Ham81]. hardening [AMKD13]. Hardware [GH83, Mos84b, WWF94, CGL+04, EHKH04, GKID13, Gla00i, KPT09, Mos84a, Nav92, Oi08, Ozk97, SP08, TCSC04, XYS07]. hardware-based [GKD13]. hardware-translation [Oi08]. hardware/software [CGL+04, XYS07]. Harmelen [LZ07]. harmful [SJ05]. harmonization [PPG+13]. harmony [ZGL+10]. HaRTS [ZLZ+96]. hash [PPB16, TMB02]. hash-based [PPB16]. Hashing [TC93, TL95]. Haskell [LSNL+19]. haves [HKvVvdV07]. Having [KL95]. haystack [dOFB+19]. hazard [KHC16]. HB [NJ17]. HCl [CdCAD018, JST10]. HDD [CH10d]. HDFS [DZT+14, LLGZ13]. HDLC [Cla86]. Hdm [MD81]. HDWT [CCY+09]. HDWT-based [CCY+09]. head [GAK92]. head-of-the-line [GAK92]. header [Cam99]. header-population [Cam99]. healing [TTC15]. Health [HWD5+15, LZHS11]. healthcare [PPN+15, VPL+10]. Heap [BKS85, HHH+10a, LSaC01]. Heart [VPL+10]. highlight [MBL+99]. Help [BB81, Akii8, ABL16, Ano87f, Gla95g, LKi6, RNC14, RDPM19, vHAT13]. helpful [SJ05]. HEP [Hay86]. here [FF96]. Hermod [OHBK90]. heterogeneity [CDGJ10]. Heterogeneous [BL95, GHKR04, KZ01, KCLC02, PD98, AR18, AYZ10, BLM10, CLY17, CTHW12, DFL+18, DK15a, DFJ19, FM09, GPL+15, JZL07, JRO12, KHS11, Kar01, MMZ+16, MK15b, NEM17, NTRN11, OZ+14, PK10a, PWLH06, RR98, SKK07, TW98, TBC+16, WH15, Zha12a, ZDL13, ZCC+17, ZSB19, ZGSH13]. Heuristic [AAM00, Bow84, PCC02, ZR87, dNPM18, DRS03, DSA+04, KS16, MHW01, SMDM05, TVMS18, TPGdS13]. Heuristic-based [dNPM18, TPGdS13]. Heuristics [Fer93, Gla91c, CZdV98, DHC+11, FSGL12, FLA+01, WDC10]. HIBOL [WM90]. HIBOL-2 [WM90]. hidden [LZL+18]. hidden-code [LZL+18]. Hide [VPM93]. Hiding [Hen88, RwJK01, AQK11, CCY+09, CL06a, CL06b, CNL13, FF12, HCS09, HC10, HWWL13b, HTH13, LCT10, LC10, LCLF13, LBC10, Lin12b, LCC+13, LLLM13, LWL09, LT24, OLZN13, PDMH13, PWC12, QZ12, RC94, TW07, UUN11, WCLL09, WCCL10, WHL13, WYCC13, WLC13b, WCC+14, WLT+09, YWTW11, YWHL11, YCLY13]. Hierarchical [ABB19, Bla87, Cha91, Ha9e3, LF96, Pow86, WWC00, vDSJK+07, BS09, BLLGSMB11, CzDv98, GBC16, JW06, KKG+12, KB07, LKL04, LH11b, NZM10, RG10, SS13, TYH04, WF07, WWYZ11, WL15b]. hierarchically [YR09]. Hierarchies [MM81, BS09, HY03, Lee07, WL05]. Hierarchy [FWP93, Lee93, CCD19, LDKW12, LY01, TL89]. High [AQK11, AA98, Amm91, BW83, BH83, BM93b, CS12, GH83, KL95, KP97b, KP91, Lin12b, MMSH92, PU84b, PU84a, QL03, She90, AdB13, AHH16, AKA+15, BML+13, BGG09, CS19, CD07, CT00, DB06, EBGR01, ELK06, FF12, FTC16, FMSG08, GJS8, GPK98, HCS09, HTH13, KCO9, KT03, LP93, LCC+13, LO04, Nav92, NSL00, NJ17, PLCC09, PN14, PC15, Phi06, RLY+13, RQD+17, SMG08, SPMG18, Shi17, SP08, SVMAM04, SS13, TBC+16, TCM98, TC12, WWTH08, WHL13, WYCC13, WCC+14, WLT+09, WHH11, XZP+10, ZH+17, ZZS+11, ÇT13, HA03, NK14]. high-bandwidth [NJ17]. high-dimensional [LO04]. high-integrity [SP08, TCMJ98]. High-Level [BW83, BH83, GH83, KP97b, KP91, MMSH92, PU84a, She90, PU84b, CD07, FSMG08, GJS8, GPK98, LP93, Nav92, PN14, PC15, Phi06, SMG08, TC12].
High-Performance
[BM93b, AA98, CT00, FTC16, RLY+13, Shi17, SVMAM04, WYCC13, NK14].
high-quality [BGG09].
high-speed [ELK06, NSL00, XP+10].
higher [LHJ10, dPLV19, nQYD11, RVM99].
higher-order [nQYD11].
Higher [LS97, BNS12, CSS10, JLQ+10, PSS16, PBD18, RS06, WDS09].
higher-order [nQYD11].
Highly [LS97, BNS12, CSS10, JLQ+10, PSS16, PBD18, RS06, WDS09].
Highly-accurate [BNS12].
Hindering [BTPLST15].
HiP [MBPM19].
HiP-HOPS [MBPM19].
HIPAA [HL11].
HIPag [JLYK09].
Histogram [WLC13b, CSS13, HLW08, HC10, HTH13, Lin14, LTW16].
Histogram-shifting [HC10].
Histogram-shifting-imitated [WLC13b].
Historical [AH90, JRSN10, RSB+14, SYXL17].
History [Boz00, FJ98, GV92, Gla97m, Ayr98, HPH12, KM17, OKS+15, PSS16, WF07, WOC15, YSK09, ZMN05].
homes [NNVD17].
Holistic [GGS+19, CC09b, WSJK08].
Home [LDZL15, CFL+18, GGB19, KLP10, SJR+11, vDSJK+07].
Home-diagnosis [LDZL15].
homeostasis [GSP+19].
homing [HSM16].
Homogeneous [BBG86].
honeybee [KHS10].
hop [CW12, JXLC15].
hopping [BPM06].
HOPS [MBPM19].
horizon [HZG+12].
HOS [LF96].
Hospital [KZ01, ÖKT09, TKSRP11].
host [CL06a].
hostile [HWM01].
hosting [RQD+17].
hosts [Wen16].
Hot [WLZ+17a, WMOKY11].
hot-spot [WMOKY11].
Hotswapping [LC06a].
hould [Ano87e].
hour [ABJ+17].
hours [Jor16].
House [RB93b, BWP16, Îfi11].
HPC [CNM18].
HPbSAM [KJS+12].
HSFal [JJC+14].
HSP [HH+10a].
Hsu [BCW05].
HTML [RDD02].
Huang [ZC05].
Huffman [LHY12, YWH11].
Huffman-code [YWHL11].
Human [FK92, Har98, Jef91, LL85, Woh16, CFRPC+18, HH08a, KK06, IWW+10, MV09, WSM15, YCG+14].
human-centred [KK06].
human-perceived [CFRPC+18].
human-related [HH08a].
Hurst [LCL15].
HVMs [CBZ+16].
Hwang [WL05].
Hybrid [DI01b, Fra90, Gk91b, Gor91, GW95, KAM13, KR16, IWC+18, LS05b, PN14, WFM96, BDGR01, BDPL15, BT17, CCdR+16, CNL13, CDOP15, CJ03, DBCD11, DAG19, EEAZ13, HC06, JS11, JJ+14, KH06, KHMFI3, LMT16, LG17, LZCL19, LT11, LQW+12, MLHL12, MR01, MR00b, QOLJG16, SBZ+17, SL+15, TM06, YXH+18, YYW07, YH10].
hybridization [MMS13].
HyMIS [MK08].
hype [Gla96b].
Hyper [KS16, TZW19, WZG+12].
hyper-chaotic [WGZ+12].
hyper-heuristic [KS16].
Hypercube [Fr90, KP93].
hypercubes [KM04].
hypermedia [SL01].
hypermesh [LYX09].
hypervisor [PWY+16].
hypervisor-based [PWY+16].
Hypocrates [BDD04].
I&C [KSS03], i* [MNS15].
I-Cache [CWK+13].
I-star [MTF+14].
I/O [FTC16, LP05, MD91, SMZC12, SC19].
I/O-intensive [LP05].
IaaS [DVV+16, DR12].
IBIS [KSW93].
IBM [XPBC11].
IBUPROFEN [CFRPC19].
IC [JT97].
iconic [YC08a, YL09].
ICPS [LP07].
ICSR [WB19].
ID [CZL07, HH08b, HCC10b, IB11, Shi10, SV12, RF84].
ID-based [CZL07, HH08b, HCC10b, IB11, Shi10, SV12].
IDE [ÇT13, GMR17].
IDE-based [GMR17].
idea [Gla95e].
ideal [BML14].
Identification [FSGYP17, FTSC12, Joy87].
Sal17, TC10, TC11, BM98, CKS15, DS04, HZ15, HH06, HLC99, KM14, PG12, RO13a, SPSM03, TLGE16, CPX16. **identifier** [AACT13, CDPM05]. **identifiers** [CAHV15]. **identify** [HJ14, LLWL19, TTC15].

**Identifying**

[BDO11, BCB09, CDDF99, FBB+12, KL07, MKK09, Sha02, WLZ+17b, WRR14, ZQQ+06, CVF19, LJZ+19, SL08, TANAA01, XCM+12].

**Identity** [HYWS11, WC07, CC09a, KBD09, RG10, Sha09, SA16, WWYZ11, YYS+16, YKC+12, ZZ12]. **Identity-based** [HYWS11, KBD09, RG10, Sha09, SA16, YKC+12, ZZ12]. **IDF** [LCLP16]. **idle** [SHS+07, SRS15]. **IDRS** [HL00b]. **IDTV** [BPB19].

**IEC** [EG00, EB00, EJ01, JH01]. **IEC61850** [PW03]. **IEEE** [KT16, LH12, Sai09, AAMS14, CMNA+09, Kv06, PZB10, WC11]. **IEEE-FIPA** [CMNA+09]. **IEEE/IFIP** [KT16, LH12].

**If** [OT92]. **IFIP** [KT16, LH12]. **IFML** [BCF18]. **IFPUG** [CGMPAP08]. **ignorance** [Ber95, Ber02]. **II** [Gla94f, Do197]. **IKAROS** [FTC16]. **Illustrating** [ST01]. **illustration** [AB10]. **Image** [BAAS13, CC04, Che13, KPS10, PWW10, CC02b, CHC01, CPL13, CT11a, CJ13, CW14, EA11, HRB12, HH06, HHH10b, KRHD12, KM11, KC09, KLC02, KCB05, KY08, CAS18, IWS+03, LK01, LLL+09, LLCL08, LXXM11, Lin00, LT04, LW13a, LWL09, NES+14, PHNO, SNM14, mSgFtL05, jT12, TTL10, TLL13, UUN11, UUN13, WCCL10, yWpWyYpN13, WGZ+12, WLC07, WHK11, WOLS12, WS13, XZZ+16, YCYW07, YC11, YC16, YC08a, YL09, ZLW+12, ZT14, ZL12b, Zn04d].

**imagery** [LJM96]. **images** [AQK11, AMK12, CL06a, CCM05, CCM12, Che13, EFWC05, HCS09, HSL14, HLW13b, HHZ12, HTH13, KSRD10, LC02, LW13a, MM14, MKH+12, CTC02, TW07, UUN13, WCH03, WHL13, WCC+14, WCO2, YWTW11, Zh04d]. **imbalanced** [LLC17].

**Imbedded** [MR86]. **imitated** [WLC13b].

**immense** [GP98]. **Impact**

[CS85, Hur93, JAS19, VM07, Al12, AHBA19, Ano13, BHH+10, BS10, BLOSOS, CS15, CCPF18, CH09, CC09b, CBS00, CREH+18, CFA+19, DP02, DNSH13, HGBS18, HFE10, HWL11, IYS13, JMSS07, KA18, LR09, LRB+19, LJS05, MS16, MT13, PB11, PSZ17, RV17, RRD06, RSS00, SL14, SL+15, Tan00, TNJH07, TMD07, Wau19, YS02, dL13].

**impacted** [AmdLM17].

**Impacts** [Sta93a, WKhOS17, CG05, Ebe07, Li11, NBF16, SPC16].

**Impala** [MCL+17].

**Impartial** [CJ05]. **Imperative** [BBC+88, BS12].

**Imperceptible** [Lin14].

**imperfect** [Shy03, WWSZ15].

**imperfect-debugging** [Shy03].

**implement** [FCRF16, HdlM17].

**implementation** [AHG93, BW96, Bel93, BKS85, Eng81, Har81, HNC05, JF02b, Kc92, KP91, MMSH92, RT93, SL96, WLC05, Zho93, ALT+09, BAA10, BBC+08, BAI+14, CLX+04, CdSgS+18, CPW98, CH07a, CLG08, CNGS12, DS16a, DGH+03, GJ88, HJJ15, HYLJ04, KRP02, KY09, KSH09, KLMC06, Lai95, LWS+03, LW13a, MM14, NES+14, NZZ05a, NZZ05b, NGM08, PNS11, PSS11, PLF05, SC00, SDB16, SJK07, TVK95, WJ01, WSJ08, WOH08, YY04, YYL+06, ZADA15, Zh09].

**implementation-friendly** [PSNB11].

**Implementations** [Car96, YFY96, JCJ99, LL07, dB12].

**Implemented** [BW93, ZCd96, LCH+04].

**Implementing** [AAN11, Blu86, CMK+11, CMS04, FSA87, LSC07, MAA94, PO09, CGP+09, FH+18, JK19, PN14, RH02, RA15, SA16, SV19].

**implments** [JFC08].

**Implications** [FK92, LHCT19, APCS10, CFL+18, MVLJ18, Han12].

**implicit** [OWB11].

**implied** [dMCR19].

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

important [MKK09]. Impossible [TSLL11, LGLL12, SDM10]. Imprecise [CZ91, PZ94, ANH07, SK10]. impressions [BCG+14]. improper [LL07]. Improve [DB86, FC96, BLLGSM11, BGLG13, HS99, JDSL16, Lea08, MTF14, MK00, SM17b, SSCLO8, SKW06, TPRW13, YWHL11, YM13, ZYZ+17]. Improved [BL19, GMR08, HL83, KRHZ05, 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, TTP97, AAGT16, BH03, BD16, BHB+05, CSW13, Chr99, Ebe99, GMMP15, Glaha8c, GC13, GLJ13, HS95, KSAR18, LPJP09, LMR12, LKP06, MT07, MM01a, MM00a, NWZ05a, NWZ05b, PK02a, PW09, PIG008, PPG+10, QHS08, RH02, SC09, Tia99, VCL+17, VVS99, WHB01, XSS06, MMB10].

Improvements [YCYW07, Hua05a, SJK07]. improves [vdBSvS+19]. Improving [CFAP17, CSW10, CJ13, CHL04, FRR09, FCB+16, GMS11, KAO13, KA14, LGC17, LZWK12, LZR16, Mil00b, Mil96b, OKS+15, PB15, PXT+13, Pou05, Pul90, SOS+18, SLO80, SK03, SMU98, SK01, SB12, TSvdW18, XSL+18, DY15, EA19, HJBB10, HLMBO7, JMP07, KCT12, KM14, LM17A, MKNS06, Pfi99, RSB+14, RR09, VJB06, VSDD12, Wey99].

imputation [HKS+17, SA06, SS07, SSCLO8, TC16a, VK08, ZJZ11, Zha12b]. in-depth [KM17]. in-house [vdWSJ+07]. In-house [BWP16, Ifi11]. in-network [BLM+08, JLYK09]. in-vehicle [BKLE18].

Inaccurate [LP95, CBVF19]. Incentive [FK01, ZSB19]. Incentives [Pou95, LLW12, dVRB13]. inception [CBSM16]. incidents [ABL16]. Include [MvS95]. including [Aml00]. incomplete [XNP07, ZJZ11]. inconsistencies [EA14, EUR+13, FKWVH19, SK02]. Inconsistency [GJ07, NER01]. Incorporating [CCdL+16, Hua05a, XHW99, YLXZ16, FP18]. Improcorrect [JDSL16]. Increasing [BFLP09, GKS18, PKS18, YN91]. Incremental [CT09, Fis91, FW90, Fri83, Hee90, IYS13, KK85, TC89a, VAS+04, vAW93, CLY14, jHjW08, HHL+97, LCLP16, MM00a, MC04, PW09, PLP04, TC89b, dNPM18]. incrementally [YF15]. independence [Mi02]. Independent [KO95, PT91, BEK+19, CF13, DDD14, DGD+03, FLRT19, DNAM05, SRDLCP09, ZGSH13]. Index [DGS88, Ano80a, Ano80d, Ano81a, Ano81d, Ano84a, Ano84d, Ano85a, Ano85c, Ano86a, Ano86e, Ano87a, Ano87g, Ano88a, Ano88e, Ano89a, Ano89b, Ano89g, Ano89h, Ano90a, Ano90e, Ano91a, Ano91d, Ano92a, Ano92j, Ano93a, Ano93h, Ano94a, Ano94h, Ano95a, Ano95i, Ano96a, Ano96n, Ano97a, Ano97l, BH09, CL06b, CK00b, HLL01a, HLL06b, JRSN10, Lin12a, LWL09, PSK05, SC08, SL112]. index-domain [CL06b]. indexes [HWML04, YWHL11]. indexing [BF96, DF98, LL01, RVM06, SC07, TBC+16, YCO8a, ZXTT11, ZHH+17, FSS+13]. Indian [IS03a]. indicator [CCH09]. indicator-elimination [CCH09]. indicators [YC13]. Indices [Rv91, Rv92]. indirect [AAM16, GMDtFR14].

individual [RSS00, WH99]. indoor [DC11]. inducing [BCD+18]. induction [BBBP13]. Industrial [AF96, Arm98, BFG97, BKW10, BHR89, CB98b, CLO95, OW84, SD08, Wey01, Woo12, ADZ+09, AAGT16, AZW07, ASS07, APW14, ABJ+17, AHC+11, CCL+16, FRA07, FS01, GGT+19, HF08, HDGZ06, HVK11, HKN+07, KBJZ15, Kim07a, Kim07b, KGT02, KSM+16, LW02, LWSH19, DPS03, MSSMC12, PCFRP19, PW09, PKB09, SCwY12, SCL13,
Industrialization [Stu83]. industrially [Lai99]. Industry [Bis13, DB86, GK91a, HBR19, MBL99, CCG07, CBT+14, CSNS05, EB14a, EbAT13, ETM10, EBB09, FF89, GK18, HTB12, IS03a, JZ05, LdSBA08, MSB18, MTA+16, MFTP18, NY79, SB14, Tha0, TTR+13, Wes02, WRR14]. Industry/university [MBL99, CSNS05]. Inefficiency [BAH96]. Inexact [Zhu03]. Inexpensive [MPS86]. Infeasible [KSS15]. Inference [CL94, Sta85, LS92, RSB16, TSRC18, VH89]. Infinite [ASdMGM14]. Inflow [RSB16]. Influence [Sny79, ARH+17, KJ19, CSNS05, EB14a, EbAT13, ETM10, EBB09, FF89, GK12, HTB12, IS03a, JZ05, LdSBA08, MSB18, MTA+16, MFTP18, NY79, SB14, Tha0, TTR+13, Wes02, WRR14]. Influencing [SYB97, KFN19, KNA11]. Influential [HFC01, MB97]. INFORM [vEHvV89]. Informal [BYY87, LF98, NBA+17, Wyn01]. Information [AAH10, ARAS94, Bhi86, BY85, CM15, CFS98, DR92, DLG96, DF99, FSA87, Gla92a, Hab85, Hen95, Hen88, HUMT92, KAL97, KJ04, KJ98, ML03, MR83, PCG+14, PL96, RF84, SGL93, Tan92, TK95, Tre81, WSN92, WNS96, ZC97, Zht09, vS96, ABFM12, Bha94, BPO+16, BDBLP15, BW06, CLEY04, CL06b, CPL13, CK00a, CSW10, Cho94b, Cho05, CC05, CLW05, CC06, CH10b, CBK02, DHJ05, Fra04, Gla98h, HLAB99, HBJ+99, HL02, HFRHS09, JAS99, KAM98, KCV+19, Kim07a, KJ01, KHW91, KJLK07, LS17a, LK01, LK16, LW02, LK02, LZL+06, LS99, LJ99, LK09, LWW06, LWTW16, MCC02, MCC11, MKH+12, MMTL06, MD89, NDM80, ÖKT09, ONZ09, PMDH13, PDS19, PWLH06, PB00, PN07, nQYD11, RRC14, RC94, ST13, SSvdW99, SKKL07, SHT16, SYYL17, VM12, WCLL09, WCL10, WEN03, WRS+17, WBT15, XHW99]. Information [YAY13, YAT11, ZLZ11, ZJZ11, ZYY+19, ZMK12, BDGP13], information-hiding [RC94]. information-systems [Kam89]. Informations [AAH12b]. Infrastructure [AO16, CX10, CMM15, CL04a, DBL18, LLV+09, TG17, WC11]. infrastructures [DST+04, GQ12, SGK19]. INGRES [HMC98]. Inheritance [AHGS92, AHG93, RMC93, HCN00, Lee07, NCS10, Phi04, PICT03, ROH13b, TB00]. Inhibitors [ESWA18]. Initial [MAAC17]. Initialized [HJ90a]. Initiative [DB86]. initiatives [GMMGP15]. Injection [GK08, PDK+16, RNC14, YXH+18]. Innate [BDD15]. Innovation [ESWA18, CDZ07, Ebat13, PKB09, ZAH15, LWM18]. Innovations [BM89]. Innovative [ACCD91, ANH07, CMS04, GGS19]. Input [JC15, LXLJ10, LT08, RHHT18, SRT+12, SMU98, SED16, WLZ+17b]. Input-based [JC15]. input-centric [RHHT18]. input/output [SMU98, SED16]. InRob [FMFCY12]. Input-based [JC15]. input-centric [RHHT18]. input/output [SMU98, SED16]. InRob [FMFCY12]. input-based [JC15]. input-centric [RHHT18]. input/output [SMU98, SED16]. Insensitive [SP92]. insertion [JRSN10]. insider [dMSM13]. Insight [Gla91, KTF15, MB06]. Insights [CTY01]. insourcing [SWA+13]. inspection [DRW00, FAB13, KSO4, LD00, NL99, SSGdMSN+13]. Inspections [KSH92, BVF04, CTK13, ELH00, PTRW04, TPRW04]. inspectors [MIL02]. inspired [MDO+10, NEM17]. instability [AL05]. installations [CMK+11]. instance [LTK+15, TCK14, TC16a]. instances [YVC15, YZ+18, ZJZ11]. Instantiation [MM93a, FdOdL04, AADLC07, VDP13]. Institutionalization [ACS07]. Institutions [GL96a, CLL14, GL94a, Gl95c, Gla97a, Gla97e, Gla98b, Gla99a, Gla99b, Gl00c, Gl00d, GC01, GC02, GC03, GC05, KLA+19, TCG06, WTG+08, WSG+09, WTG+11]. instrument [JC10]. Instrumentation
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[BAL81, DH09, KHL+99, Özm09, TLW07]. **instrumented** [OM13]. **Instruments** [MP89]. **insulated** [RG10, WWYZ11]. **integer** [AMK12, CAG17, Lin16]. **integral** [DAR14, SNM14]. **integrate** [JRO12, ST89]. **Integrated** [Car94, CH94, FM93, Fri83, Mai96, TL99, Tia96, ZR87, Bhi90, CDM98, CLCY04, DI05, KSAAR18, KLY03, LNC01, LK02, LJM11, LL99, Lok06, PKR01, TLWS10, TTM19, XLTW18]. **Integrating** [Ale05, BW01, HL90, KAU16, KZ91, KFN19, LL09, LTT92, Mar84, MPA11, MMTS15, SNBH08, Sed93, SW95b, WK15, ZTCZ16, CC94, DK15a, MLB09]. **Integration** [Arm98, EL94, FSPH+16, HZ84, MR80, O’N83, PL99, RBM95, Sta99, VB99, VCMG17, AT15, BG09, BBS10, CCG01, CG03, DPSU06, FCRF16, GML05, GD04, DDF13, HMOK18, HLW+15, ICS14, Jen99, JST10, KM17, LLX+11, LH06, LLL+14, MSB18, NTRN11, RLW00, RPK+13, SD02, SB14, SMB17, SJH+10, UZ09, WD07, WBBK18, Yel00, ZS88, ZZ18, FCMJ12]. **integrator** [JLZ+19]. **integrators** [LMPM18]. **Integrity** [DSGS17]. **intelligence** [PGP+19]. **Intelligent** [AMK12, Dam96, KP97a, MW97, Nit98, RF84, WM99, BD16, BFPGS+08, CJP98, CHZY03, CG05, GGB19, LPP+10, LKB06, MKH+12]. **intended** [Rom98]. **Intensive** [TL96, AAA11, FOR19, GBH+16, LP05, MAH18, O’B08, RAS14, RHL+17, SCL13, SM17, Sh17, dSSV11, Stal99, YM+17, YMM+19]. **intentional** [MBF12]. **intentions** [GA11]. **inter** [AHLL16, BML+13, CH05, CBZ+16, Cho05, FKVV19, HCC05, LKL02, MQ+17, SL02, SHBC19, WK15, WLC13a, WQ06, ESM19a]. **inter-application** [Cho05]. **inter-class** [WQ06]. **inter-domain** [BML+13]. **inter-enterprise** [SL02]. **inter-model** [FKWVH19]. **inter-organisational** [WK15]. **Inter-organizational** [ESM19a]. **inter-player** [MQG+17]. **integrating** [OM13]. **integrated** [RG10, WWYZ11]. **integrators** [LMPM18]. **Integrity** [DSGS17]. **intelligence** [PGP+19]. **Intelligent** [AMK12, Dam96, KP97a, Nit98, AZ11, BJK06, GBDCR12, Hard98, HSPI14, HLWS13, HCT+15, KWS+17, MOD+19, Mura99, dL04, BCF18]. **Integrations** [JLZ+19]. **inter-VM** [CBZ+16]. **interact** [HA10]. **Interaction** [WF07, KP97a, Nit98, AZ11, BJK06, GBDCR12, Hard98, HSPI14, HLWS13, HCT+15, KWS+17, MOD+19, Mura99, dL04, BCF18]. **Interactions** [kAR+19, CD05, SÁMI17, SKK+18b]. **Interactive** [Amb87, BAL81, DK94, DK97, FSGW11, Fis91, MC91, Mer87, YNDS88, ZENA93, AM10b, Bra89, CFFT08, DL99, Hoo14, HYC02, HL00b, HKW00, ILZ14, JF04, MFTP18, MGR+13, PGP+19, 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, LXY09, R500, WMOKY11]. **Interconnectivity** [KH81, SB03, RB89]. **Interdisciplinary** [Har98]. **interdiscipline** [FP19]. **interest** [TZ12]. **interesting** [ZZ16]. **Interface** [CB91, GC13, HHSR94, Hur93, JS90, Kun91a, LG97, WL95, AA07, AZYI10, Bak88, CGL+04, CH07a, Kun91b, MV90, MM93b, MCV15, PL94, TKZW17, TPH+06, HTH09]. **Interfaces** [GK91b, Aki18, AK15, HYC02, SFJ04]. **Interfacing** [HSR01]. **interference** [AdAD17, BPM06]. **interleaving** [BP15, LL09]. **interlinked** [MK15b]. **intermediate** [LSE12]. **Internal** [ESWA18, Liu95, GAKF13, SeMC02]. **International** [CBVD07, Rus90, SS17, tLF89, LP07]. **Internet** [CG15, CJ09, CRL+12, DK01, FGBC10, HL00b, HLT09, JSM10, KD05, LWS+03, LCL04, MOD+19, MH00, Pal12,
PTM08, PC15, RLL+18, SST16, SL02, Shi12, SXYW14, SC09, W TG+15, ZXG10.  
**Internet-based** [LWS+03].  
**Internet-scale** [JSM10, SXYW14].  
**Interoperability** [RCL14, Tre81, CMNA+09, DGP02, MFMCY12, NSDI16, GMGTdFR14].  
**Interoperable** [MI BV14].  
**Interpersonal** [WKbOS17].  
**Interplay** [AJLS10, AC17].  
**Interpolation** [FWTC05].  
**Interpretation** [JK12, ADET12, ML03, OMLB16].  
**Interpreted** [AMCC14].  
**Interpreter** [BS86].  
**Interprocedural** [XNP07, MM06].  
**Interprocess** [AACL02, IBP03].  
**Interrelationships** [TD80].  
**Interpretations** [SSMvD16].  
**Interview** [AHC+11].  
**Interviews** [HJ00].  
**Interweaving** [PL96].  
**Interworking** [SKKL07].  
**Intra** [LCC+13].  
**Intranet** [Tan00].  
**Intraprocedural** [ULN06].  
**Introducing** [Ano19l, K¨ra91a, Ski13, WBBK18, YMM+17, YMM+19, DL06, HCWN05, TC10].  
**Introduction** [Ano84c, Bas80, Bec86, BCDM06, BCG+13, Cha09, DIB14, FKA16, FOR19, Goe84, GBG10, Har88a, Har90b, IYKO95, JNY84, KB07, LK02, DGV08, ML18, Mar81, NBM19, OPS11, OP92, PB M19, SS17, TDL+02, WMAS12, WMCI7, XST18, ZTP18, dAK18, Ano83, Ano93g, Ano94g, BDV17, CCM12, Cds18, CDW07, CU98, Fai83a, Fai83b, Fai83c, Fai84, Fai85b, Har93, Har94, KY92, MS79a, MS79b, NB F+19, PS16, Rad84, Rid81, SM80, SM81a, SM81b, SM81c, SM81d, SM83, Wil89].  
**Intrusion** [HZ07, LHC96, SKE10, YKC+12, CNLV07, HWM01, HWHM02, HWH+03, LG17, LCLL07, SC09, WBW+06, WZG09, WHC07].  
**Intrusion-resilient** [YKC+12].  
**Intrusion-tolerant** [CNLV07].  
**invalid** [CJT04, SLLY17].  
**invariance** [KAS18, yWpNyL11].  
**invariant** [LXCM11].  
**invariants** [CCGdL10, TLL13, WL16].  
**inventory** [CDS02].  
**interval** [LLC+09, LNY+11, LYC14, NG08, YC08b].  
**interval-based** [NG08, YC08b].  
**intervals** [JTM04, TSSD09].  
**intervention** [APT+12, VvSvV16].  
**interventions** [SSMvD16].  
**Interviewing** [Ano84c, Bas80, Bec86, BCDM06, BCG+13, Cha09, DIB14, FKA16, FOR19, Goe84, GBG10, Har88a, Har90b, IYKO95, JNY84, KB07, LK02, DGV08, ML18, Mar81, NBM19, OPS11, OP92, PB M19, SS17, TDL+02, WMAS12, WMCI7, XST18, ZTP18, dAK18, Ano83, Ano93g, Ano94g, BDV17, CCM12, Cds18, CDW07, CU98, Fai83a, Fai83b, Fai83c, Fai84, Fai85b, Har93, Har94, KY92, MS79a, MS79b, NB F+19, PS16, Rad84, Rid81, SM80, SM81a, SM81b, SM81c, SM81d, SM83, Wil89].  
**Intrusion** [HZ07, LHC96, SKE10, YKC+12, CNLV07, HWM01, HWHM02, HWH+03, LG17, LCLL07, SC09, WBW+06, WZG09, WHC07].  
**Intrusion-resilient** [YKC+12].  
**Intrusion-tolerant** [CNLV07].  
**invalid** [CJT04, SLLY17].  
**invariance** [KAS18, yWpNyL11].  
**invariant** [LXCM11].  
**invariants** [CCGdL10, TLL13, WL16].  
**inventory** [CDS02].  
**interval** [LLC+09, LNY+11, LYC14, NG08, YC08b].  
**interval-based** [NG08, YC08b].  
**intervals** [JTM04, TSSD09].  
**intervention** [APT+12, VvSvV16].  
**interventions** [SSMvD16].  
**interviewing** [LI00].  
**Interweaving** [PL96].  
**Interworking** [SKKL07].  
**Introducing** [HHKWB16].  
**Introduction** [Ano19l, K¨ra91a, Ski13, WBBK18, YMM+17, YMM+19, DL06, HCWN05, TC10].  
**Introduction** [Ano84c, Bas80, Bec86, BCDM06, BCG+13, Cha09, DIB14, FKA16, FOR19, Goe84, GBG10, Har88a, Har90b, IYKO95, JNY84, KB07, LK02, DGV08, ML18, Mar81, NBM19, OPS11, OP92, PB M19, SS17, TDL+02, WMAS12, WMCI7, XST18, ZTP18, dAK18, Ano83, Ano93g, Ano94g, BDV17, CCM12, Cds18, CDW07, CU98, Fai83a, Fai83b, Fai83c, Fai84, Fai85b, Har93, Har94, KY92, MS79a, MS79b, NB F+19, PS16, Rad84, Rib81, 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].


Japan [WLL19a, ASTMG14, AYZI10, ABFM12, BD17, GFB+19, CY04, CYH04, CDP05, DS04, ECS15, ES14, EED16, GKO8, HDM17, HWMO1, HWLM11, IS03b, JCYC04, LRO19, MLGA11, MKM+06, NCS10, Oi08, PTF+15, QLS17, RFZ08, SeMC02, SS14b, TB00, TSCS04, WLL19b, ZYY+19]. JavaScript [HHKWB16]. JCSI [ABFM12]. JMove [TVMS18]. Join [AP97, BBG86, GQ12, Kar01, PRS11, VC97].

jobs [AR18, LZY+15, ZK09]. Join [AT97, JLYK09, LWHS05, LCCOH2, OH15].

Kalman [AG15]. Kanban [ADCO18]. Kanji [Kuo00]. KAOS [MNSA15]. keep [RF08]. Kemener [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, NLKW05, Nec96, NJ07, RG10, RPSL10, SLZ12, Shi17, SCH05, TLL12, Tse07, WF07, WWYZ11, WZM12a, WZM12b, WHHT08, YC09, YC12, YS04, YLZ+16, ZM05, ZG10, OH110].

key-insulated [RG10, WWYZ11]. key-management [JW06]. key-value [Shi17]. keyrings [MBB11]. keys [BCW05, CWH00, HY03, WJ99, WH03].


Kmeans [LQC+14]. Knowledge [AJMP96, Fra90, HHHK13, KB96, KPS+04, LC06b, MW95, MP90, Mot96, Pla92, Pop92, Pre95, Sam93, STJ38, She90, Uck91, Zhu04b, AAH12a, BSG+18, CJT+16, CSNS05, CHL11, CU98, CDZ07, Eri92, FB18, FM08,
FH10, GK18, GLJ13, HHZ92, Ii11, JS11, Ke15, KK17b, LL09, LJA+11, LLH08, LLL+17b, MMTL06, NTdSX13, Pla95, RR09, RO09, SdSL5+19, SKE10, SDB19, SSA08, TAJ+10, TKN+19, TBG13, TL09a, WBBK18, YCG+14, Zhu06, ZG07, ZMK12, dBvV08, SZZ06, ZL06.

Knowledge-Based [Fra90, KB96, MW95, MP90, Pre95, Sam93, STJ83, She90, HHZ92, Pla95, SKE10, TBG13, TL09a]. Known [Hen88, HWW01, YTH04]. Kodak [Sed93]. Korea [NSL+07]. Korean [Kan15, KJLK07]. Kuali [LWZ12]. Kung [CB91].

L [Gla88b]. label [CTHW12, LLL06]. labeling [KA17, MLC09, YC08b]. LABoratories [HBC94]. Laboratory [BF81, MA89, VM89]. Lagrange [FWTC05]. landscape [GW01, KS19]. Language [ASMM18, Arc81, BS86, Bel93, BCF18, BYY87, BBC+88, BK85, CL81, CT94, CH83, Cohl81, GMM90, HG91, Joy94, KP91, Kra91a, MGH97, Maz81, Mey88b, MO90, PT91, PD98, Ros87, Sku91, TKU93, UW95, Weh81, ZSGS93, ARS17, BKS15, BK95, BFLP09, BW10, BEK+19, CAHV15, CF13, CG12, De 98, DDGR09, DPP+18, EMBS17, GJ88, HHKW16, HGMB13, Jav88, JMM99, KNYS09, KRK00, KMWL12, KMK16, LPX10, LOFA17, MBM+09, MAGIC+17, Mer13, MGR+13, Nav92, NBR+13, OAdLC07, ONRO02, PC10, DNM05, RS06, SMG08, SA14, SPSR17, ScdS+06, SAH12, SW88, TCMJ08, TL09a, UhCLS94, Wal05, YS02, ZMAV08, ZGH+07, KH12].

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, Ayr04, BBA10, BSBI2, PCDG02, PK89, QOLJG16, RO13b, Rom99, SKL10, SHTC14, LLK12, PZB10, PGRQV12, SRWE10, WGY+08, ZYZL12, LZG15]. layer-2 [DG+07]. layer-3 [DG+07, PGRQV12]. Layered

Large [Ara95, Bla87, Di 87, ESWA18, FNWL18, Gom94, HL90, Leh80, MWH97, MWH98, Nit96, OKOM97, Rey80, Sel93, TPTV17, WWC97, WR93, AHH16, APS16, AM04, AAA11, BLL+18, BMS04, BV16, CB16, CJ03, CFN07, CCD+04, CSM15, DvdVA+13, Deu01, DPL16, EEAZ13, EH19, GTF17, HBM05, HY03, JLC04, KY09, KLL+11, KKR16, KGT02, KL07, KPG+07, LK01, LCL+12, Lin12a, LTK+15, LW05, YC08b]. LAsNs [BF92].

Large-Program [Leh80]. Large-Scale [Gom94, HL90, OKOM97, WWC97, APS16, BLL+18, BMS04, CSM15, DvdVA+13, Deu01, DPL16, EH19, JLC04, KL07, KPG+07, LLL+14, nPHW+16, PWL06, PFG13, PTF+15, RSB+16, RVCM17, SAH12, Shi17, SVM19, SM16, SGO13, SYT+17, SAN+17, TM06, TTL+13, TTWY04, TTC04, TMM19, WK15, WFF18, WWC98, WL05, Wey99, WCV+98, WM99, WB15, XWC14, YMM+17, YMM+19, YSK09, ZK13].

Lascad [ASMM18]. Last [Gla90a, Gla98b]. Late [Gla97k]. Late [MRS18].

[AC19, ACS07, AD07, AK08, BW18, BBD18, Cam00b, CHN19b, CV16b, DGRN10, DWC17, FHY17, GAK92, HG18, HF08, HPF16, JKL19, KDS08, KCV19, LMN10, LNTS19, LG03, MCV16, MB10, NRG08, PBD12, SSS17, TN05, UIK17, ZR04, ZM06, dSdMSNO14, CBT14, RT86, YRN80, ACH19, CAG17, HY01, MPAA15, NHC13, PWLH06, dSSJV08, TMB02].

[58]

Linear [RT86, YRN80, ACH19, CAG17, HY01, MPAA15, NHC13, PWLH06, dSSJV08, TMB02].

Lines [Dol97, AWSE19, BKS15, BdMSNO17, BBS10, CdSdSG18, CNKL12, ESM19b, EBB09, FL05, FFV19, GWW11, HBOS13, KG09, KPS08, KTF16, LDL07, LGS19, MAGIC17, MR00a, MD16, NBA15, OGRJ18, PLHP15, RTM19, ROR11, SBT19, SHW09, SdSDgMSNO13, TBG13, WVT14, WAG15, WGS14, dOSdAdSG17].

lingual [RMC05].

Linguistic [Sta02].

Link [AAH10, AAH12b, DRCG12, Gla92g, KR16, PSM12, RNC14, SGCL18, SZS13, WY04, WGW09].

Link-Layer [AAH10].

linkability [WYL06].

Linkage [aSRZ18, XYZ19].

Linked [Kar94].

Linking [BJ03, FPW96].

Links [HRRc16, KBDGAW16, RCPZ19, Zhu04d].

Linear [ABB19, FAB07, Fei12, IF10, LC06a, SMZC12, YSC06].

Linux-based [ABB19].

LISP [Ng93, YY93].

List [Cam00a, GD94, YRN80, Aba06, BG06, CHY05, SBZ17].

Listings [LDN87].

Lists [DT90, CC05, GAW92, LMI15].

Literature [GCAH18, LL85, Not85a, SK17, AAGT16, AKAA18, AVGM19, APW14, Aani91c, AT15, AS16, BWP16, BS15, BMB18, BKB07, CFB18, CP15, CS19, DV04+19, DPL16, DBCG14, EF08, GJ16, GNA17, GA11, Gl90i, HIA16, JED18, KGB11, KNA11, LF15, LL15, MHI13, Man16, MRT17, MR17, MGY17, MGAN18, ML08, MM10, OGRJ18, PG12, PMB15, PFO19, RAK15, STA19, TKP18, TCS18, VLC17, VCMG17, ZADA15].

Little [Gla90g, RNC14].

Littlewood [Lit80].

Living [BR90, RASL12, CFAP17, GMPN16, BHH12].

LLVM [RSCB18].

LMR [Rav03].

Load [HJ90a, HJ91, HL94a, MCG11, RcsD93, SLW15, Sh09, BVV10, Boz00, CB00, CV16a, CCH14, CS12, DY15, DL19, FS19, Ha92, LJJ12, MCG03, NNVD17, RWJK01, TH02, WGW09, WOC15, YCF13, ZK09].

load-balancing [DY15].

Load-Building [HL94a, Ha92].

Load-prediction [SLW15].

load/extract [TH02].

Local [BJ03, FPW96].

Localisation [aSRZ18, XYZ19].

Locality [LT89, ZG00, KC16, YR09].

Localization [STJ83, Sel93, AZGvG09, DC11, DW14, FP18, GXZ19, GLOM19, JJC14, LLW19, MLD14, PAR14, TXC19, WL15b, WL16, WDC10, YLY17, ZJC10, ZCT11, ZS16, ZYY17, ZC15].

localize [dSACdLF17].

Localizing [ZWF18].

Locally [CW97, TC06].

located [SHHL12].

locating [WBP03].

Location [CL94, HLYL06, LLL04, ZS05a, AACT13, AL10, BULH15, CFAP17, ESW06, IBM11, LU06, LPR04, NCS10, PSK05, SH06, PXT13, WCC13, XSL18, dL13].

Location-aware [HLYL06, PSH06].

location-based [LPR04, PSK05].

location-dependent [IBM11, LU06].

lock [Ckyl98, PMWC12].

locked [Ckyl98].

locking [CM05, Jun00].

locking-based [Jun00].

locks [HPT07].

Log [XPBC11, BLL18, CPL04, FSS13, MK17, NHC13, WWSZ15].

log-linear [NHC13].

log-logistic [WWSZ15].

logging [CPL04].

Logic [BCFG86, Fer93, GMM00, Jma96, KKK07a, Kom88, Kus90, UH96, BML14, De97, EBEL18, EL07, IS03b, KAO13, KB16, She89, dSSJ08, TL09a, ZC06].

logic-based [BML14, KAO13, TL09a].

Logical [MCL17, PfD97, TT93, AC17, HJ14, YL06].

logics [BNR09].

login [CJT01].

Logical
MM01a, MK90, PM90a, Pul90, RA91, RT93, SGL93, Sag95, Sch81, SW94a, SKV94, SB88, TKSRP11, Tau80, ADTZ12, AH88, AZW07, ASM15, ADET12, Ane91b, Ban08, dOBWT04, BCS18, BH09, CB89a, CJT+16, CD07, CS19, Ch36, CD00, CSaLG02, CLY17, CBG09, CC99a, CM05, CBC+15, CDZ07, CS12, CDPM17, DMV98, DS16a, DIB14, D6+04, DTV09, DLB04, Ebe07, EBI4a, EH19, EGG+11, EB17, FY04, FOR19, FN00, GTA09, GGS+19, GGB19, Gla91d, Glu91f, GSdS16, HSM+07, HNS12, HM16, HNN+01, HMC01, HCL+10, HTH09, HL11, JG14, JW06, JJP02, JKWL09, KMSMD08, Ken80, KRC00, Kim97a, Kii07b, KLP10, KG18, KR98, KH00, KJL05, LMvV09. MANET [LJC16]. manifestation [CPRT16]. manipulate [LLWL19]. managing [BM89]. managers [ABG02, MNS13, Moy00, PV06, RMCH+14]. Managing [BBM18, CC06, CHCO11, EBB09, FKWH91, GA95, Haa93, JLS5, MSL12, PN07, Rev07, Rev91, ZK96, ZKL+99, CWC04, CC90b, NCK+15, PCHW12, aSRS+10, VAJ18]. MANET [LG16]. MANET [LG16]. MANET [LC16]. manifestation [CPRT16]. manifold [LYLC16]. manipulate [LLWL19]. manipulating [MCTM11, MCTM11]. Manipulation [DHK06, MR83, SD94, OHL17]. Manpower [BB81]. manual [TAS+18]. Manufacturing [NCK+15, TM97, AHW10, FVVF+15, TTL+13]. Many [BBG86, BM96, GL93g, GZ11, PN14, RR19, ZZ16]. many-core [PN14]. many-objective [RRV19]. Map [KPT13, CJ13, OOT18, ZT14]. Map-matched [KPT13]. Mapping [KB18, ASG13, AGJ+15, AB16, ADC18, AM18, APS16, ACS13, AAC+17, AS16, BCFP19, BBND+18, BLY18, BDM+19, BM00b, CS19, CL99, CNMR18, DLM9, ESM+19b, FGYP17, GMMPG15, GRR16, dGFDL16, HBP+17, JCY16, KBJZ15, KSI19, Kit10, KQ17, LAL15, dPL19, MM14, MR17, MKNS06, MAEL19, MD16, NVPGMPS17, PXT+13, PM15, PLH+17, TAF+17, WNC17, WRdMS+13, YLA16b, ZSG16, ZGY+15]. mappings [Phi05]. mapreduce [KC16, BGT18, TLK16b]. maps [BAAS13, DEA+14, KOS15, LWC13, OD17, PSMB01]. MARBLE [PCC12]. March [WZM12a]. margin [KB18]. Mark [Dol97]. market [HRN+01, LL00, TY18, ZG07]. market-driven [HRN+01]. Marketing [FF87]. marketplace [Jor14, KBR18]. Markov [WFY+19, AM19, BHN05, LCL15, PP04, WCC13]. MARKS [ALT+09]. MAS [GCC+15, dVRB13]. MAS-ML [GCC+15]. mashup [LLX+11]. Masquerade [RZPM12, XTZX12, XTZX13]. Massachusetts [LZ07]. massive [CZH+08, LWZ+16]. Massively [KM92, Dan17]. Master [Mil98, TE99]. match [CL98, CL06b, CLLC96, KK07b, LC00]. matched [KPT13]. Matching [Kor83, B1KLE18, CH93, CJL+11, HBJ+99, HDLK00, KOL+14, LCC02, LAGO7, MMTL06, MPN+17, MUS03, PM99, WWC13, YJZ17, Zhu03]. matching-based [LCC02]. Material [TR89]. materialized [GLWY10]. mathematical [Woo80]. Mathematics [Gla96e]. mating [KHSD10]. MATLAB [HSR01, ZC08].

memory-efficient [Shi17]. MENDELS [UH96]. Mental
[FAI94, LPLS87, KV05, SFM99]. Menu
[Art87]. Menu-Based [Art87]. Merge
[Yan94, 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
[Ha´c94, MF90, MW08, AN16, BKRW19, CL18, EEAZ13, HYC04, JEEL16, SV12]. message-driven [BKRW19]. Message-Passing [MF90, CL18]. messages [BHVR18, KPS10]. messaging [RA16]. Meta
[rBHMH17]. meta-tool [ZGH+07]. Metadata
[rBHMH17]. meta-tool [ZGH+07]. Metamodel
[MG+13, KOL+14, KTF+16, OHS01, SdSLS+19, WKD+19, ZMK12]. metamodel-based [KTF+16]. Metamodel-driven [MG+13]. metamodels
[DRELHE16, HS11a, HFRHS09, TT09]. metamorphic
[BAEH96, BYY87, BK92, CS16, CH94, CL97, CCGdL16, Gla90d, Gom89, HL83, Hur93, KH96, LL98, LHC96, Liu93, MPS86, Pan81, Vel87, AKAA18, ATvHJ18, AKL14, dSACdLF17, AS17, AB10, BKSM13, BKSM14, BM98, CCY+09, CCH09, CC94, Che13, CSS+13, CD07, CBK02, EB14c, FJ98, FAI13, FN00, Har04, HJ12, HC10, HHC12, HTH13, HFRHS09, Iso98, JC02, KYP+03, KKLNC12, KPS09, KMKY07, Kv06, KSS03, KRH05, LTK+06, LC05, LL10, LT13, LWHS19, LGH+17, LC08, LWBH16, Lop03, LC98, MRBN17, MLC09, MM06, NDM80, PMDH13, PJ09, PWW10, PW10, PWC12, RFR10, RSB+16, RBW18, SNBH08, SI12, SC00, SCwY12, SKE10, SPLW17, SSP17, SGC+17, SHS16, SBB+16, SOC+03, SK04, SO07, SZW+16, SM16, Sta14, SNN19, TVMS18, Th06, TB13, TTC18, TC11, WJ99, WWT08, WJT09, WCL10, WK88, WDMR99, WCB+17, XSL+18]. method [YXH+18, YTW+13, YKC+05, YZC15, ZK13, ZLY+19, Zhu04c]. method-based [AKAA18]. Method-level [CS16]. Methodological [BHIM12, WV11]. Methodologies [Gla96f, TOY195, ABC+13, DDM14, DNBM12, GR05, GPHS07, HBJ+99, ISM11, KY92, KLMC06, MMTL06, SDG17, TLK16b]. Methodology [BY85, Bro87, CS85, Cha06, EHS93, FL09, Gas96, HBC094, IYK05, KZ91, Kim07b, KL96, Law81, LH90, Lee93, MB04, She94, ZCD96, Zvi93, BRMA+09, CCC06, DAR14, GPHS08, HGP+12, Kuo94, LS04, LK02, MYZC06, NGM08, ONZ09, PN14, Rah94, Rid81, RMCH+14, RG79, SL01, WSJ14, ZA15]. Methods [ACW10, EC98, Esk89, Fen93, FF87, Fur93, Gla91c, Gla95d, Gom94, Hag91, Jac98, LH95, LSD89, Par98, RRW93, Zim84, AI12, ABJ10, ANM15, BDMK03, CP15, CBAV16, DC11, DIP98, FIBRGCLN05, Gla93h, Gla93e, Gla96d, GV99, GPM06, HALS08, HRZ06, HJ00, HH06, HCC10a, HLC09, HH99, JTW98, KSENM17, KCV+19, KSM+16, LF98,
MRT17, Ost92, PG12, QHS08, Sai98, SUSO04, SPZ06, TC11, TPKT12, Wie14, WBP+03, Wil89, Yu00, ZADA15, ZXTT11].

METKIT [WBR90]. Metric [Eva83, Gou95, Him93, KAL97, MK90, NC96, OH93, SKV94, vS83, AL05, CJP98, CR90, CMP85, dAGSdFS+15, TDW+14, CPX16].

Metric-based [PS90]. Metrics [AM94, Bhi90, BST93, BC91, BN90, BC94, CRV94, CL95, CBOR88, CR90, CMP85, DS92, Deh90, EL94, Gra95, Har88b, HS95, KAL97, MK90, NC96, OH93, PS90, RY93, SKV94, vS83, AL05, CJP98, CR90, CMP85, dAGSdFS+15, TDW+14, CPX16].


microkernel-based [KLH07]. microservices [AIE19, DLM19, LZJ+19]. middle [TSL+11]. middleware [ALT+09, AGBD14, BMLL14, CCN+10, CDRT13, DGV+07, DKP+19, DIB14, DLB04, HBG+13, HWLM11, KBM05, KSHC14, LGL08, LC11, MKS10, MDP+11, RLY+13, RMD11, SDG+07, TLK+16a, TDK+07, TMD07, VP07, WCL07, YZ05, FS14b, KLL+11, VSDD12].

middleware-based [LGL08]. midwest [Wen03]. Migratable [MKMS05, GMCC13]. migrating [FGB+19, CCDD00, CFT08, HL01].

Migration [MM95, CLC08a, DG98, FGI15, GDLB16, GWvD08, ISS98, KA+19, RRM17, TW98, UZ09, YTW+13, rBH17]. MIH [OZO+14]. MIH-based [OZO+14].


minimisation [YH10]. minimization [CTL10, FHY17, LGH16, MB17, WAG15, WHMP99, ZAY19, ZCC+17]. minimize [LUS+00]. minimized [PWY+16].

Minimizing [BGLG13, KTK01, PK01a]. Minimum [Chr86, LKL04, LGS+19, LL09, LPR04, Lin16, LZ12, LW13b, LWBH16, MG11, MdFD+15, NJ17, NDS13, PCClG12, PWA+19, RDP19, SOS+18, SIS+07, SAH12, SJC13, SL17, SYSL17, TTYW04, TL16b, TL07, TL09b, TPTV17, WLC13a, YF15, ZMB14, ZJL10].

Minnowbrook [Ano84c, Goe84]. MIP [GP05]. mirrored [VM00]. MIS [Jef87]. Misinterpretation [Cio91]. misleading [Gla86]. mismatch [MARD16]. miss [BKSM13, BKSM14].
missed [SPMG18]. Missing [IAA16, ZJJ11, 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].
MKH [CLLC96]. ML [GCC+15]. MLC [LKW+09]. MMDB [DK08]. MMPP [LJM11]. MMU [CYL14]. MMU-less [CYL14]. Mobility [KLL+11]. Mobile [ASV+16, AHH10, CBS16, CL13, GCI11, LLHY19, PMMM11, AR12, AN16, ARS10, AHH12b, AAN11, AAM+17, AGBD14, BGS+16, BHAM09, BEMS04, BCF18, BGG10, BJK+11, BSD14, BDD+19, CDA11, CdCadD18, CTL12, CMK+11, CLC08a, CKW10, CC99b, CJ03, CRKH11, Chr16, CMNA+09, CGPT14, DKP+19, DIB14, DPM07, FICGCLN+02, FRGC10, GMB+09, GRBNA10, GTA09, GNA17, GPF11, HLYL06, HLT09, HLO6b, IID11, JE18, KAU16, KSHC14, LCY00, LLK04, LKW+09, LNY06, LKK14, LRS+07, LKK04, Lin07, LL14, LZHS11, LKK14, MDP+11, MK08, MT13, NLKW05, NOPF12, PLVB+18, PSH06, PJ09, PS09, PPN+15, PLHP+15, RHHT18, RT07, SM17a, SRW10, SHN14, SKE10, SHBC19, TM06, TG17, TKA+02, TKI+11, UIK17, VSS+10, VSD12, VA08, VPL+10, WGC02, WBW+06, WF07, WM99, WHN+01, WCB+17, YC09, YSDT11, YH13, YL16, YZ05, YSK09]. mobile [YGN+16, ZG16, ZK04a, ZSB19, FS14b, LY09]. mobile-commerce [YC09]. mobile-cloud [DKP+19]. mobile-health [LZHS11]. mobiles [GCSÁddP11]. Mobility [BCEF10, AN10, BD10, CMS04, HLT09, KLL+11, LH11a, MEB+10, ME10, WB10]. mobility-enabled [AN10]. Mod [DT90]. mode [CGW08]. Model [AHH+10, AA07, AHGS92, AHG93, Ara95, Bel93, BW93, BY85, BFC92, CD10, DPP+18, EBEL18, EL94, FZHS95, FSA87, FA19, Goe80, Gok09, GWV08, Hač99b, HZ83, HB83, HVK11, HHO1, HOF1, HFK92, Jar93, Je87, JB19, KP97a, KD19, KP07b, LM94, kAR+19, MKL+15, MG97, MBPM19, MS10, OB13, PMR16, Phi05, Phi81, PBD+12, PH86, PL92, Pop93, Pop92, PL83, PLP04, SL96, SDB16, Tak97, TZ92, UW95, Var91, VT87, WKB+19, WNH06, ZK85, ZC97, Ad19, Aki18, AK16, AdD17, AF16, AAB19, BRB14, BSK+18, BHXN05, BV15, BCR+19, BKR09, BHB+05, BTGC18, BC18, BDDS11, BMB18, BRS+18, BPB19, BL11, CCGdL10, FGB+19, CCC05, CC09a, CGL+04, CFAP17, CELS07, CPW98, CV14, CHL17, CLB05, CMC04, CD10, Cho04a, Cho04b, Cho07, CC05, CC16, CH10b, CCGdL16]. model [CHOC011, DEW+16, DLW08, DK15b, DGL+08, DGJ+03, DGWC16, DCT17, DM17b, EJ01, EVR11, EUR+13, FDÁM12, FGMM17, FVHF+15, Fei12, FKVVH19, FB09, FA13, FWA09, GMS19, GRM08, GMPN16, GMR17, GKS18, GD12, GRT13, GMS07, GTF15, GAWC91, DDS+13, GEM15, Hač88, HTO97, HP16, HA10, HZH+16, HAHH06, HKN+07, HK09, HMC98, HLWS13, JPKP04, JJ06, JBSL12, JS99, JHS09, JPPG17, KP10, KBH17, KR00, KBB07, KLL17, KD18, KB16, KC98, KSS15, Kuo94, KLHG07, LJC16, LKR13, LKRYS18, LP93, LS17b, LPM15, LJA+11, LAHS97, Lit80, LM96, LZ06, LT08, LXC13, LLL+14, LO18b, LPP18, MMM00, MR01, MJ14, MGB16, MA09, MAG12, MLD16, MPRS14, MV11, NHC13, NR04, NWZ05b, NPC12, NGM08, NB13, OOD09, PLCC09, PG05, PK02b, PB15, PCHW12.
PRS11, PCFRP19, Phi06, PHR10]. **model** [PGQVV12, PW03, RAK15, RHH18, RKK16, RRT01, RRM17, SAMN12, SAMI17, SFMB16, ST13, SDG17, SZ18, Shy03, SXW14, SSP17, SS14a, SW99, SM08, SZW16, SGK19, SFM19, SLY17, SXY11, SS13, Tan04, Tan00, TJH07, TKJ13, TAF+17, TN05, TCSR18, TM10, UZ09, UK17, Uzz13, VM12, Vla98, WYO89, WW09, WKZ10, WDC12, WWS15, WTC+15, WD99, WZM12a, WZM12b, WBS+10, WGS+14, WWSS13, Wwo08, WCC13, XTZ12, XBY19, YFZ16, YC12, YCF13, YHM+14, YF15, YYL+06, ZML10, ZLCY06, ZM18, ZykP01, Zhu03, Zhu04a, dCPV10, AJCM08, FDODL04, MYZC06, nQY11, RCS18, WFY+19, Zha08]. **Model-Based** [EL94, AA07, CDI07, DPP+18, Gok09, OB13, SDB16, AAB19, BRB14, FDAM12, FBB15, FCSM09, FCB+16, GH04, HR95, HCC91, HGMB13, Iso01, JOZ03, JZ05, JC10, Kar04b, KMRO99, KJS+12, KPS08, KKL+11, KMKY07, KSS03, KEK04, KDEF04, Kru91, LP93, LHO4, LHG+17, LSH09, LDL07, LHC+05, MB19, MV10, MGR+13, MNSA15, MNSA16, Nae01, Nav02, OD05, PS05, PPM17]. **model-driven** [PH04, PAS+10, RTM19, RK00, SA14, SÁM+16, SZ06, SKL10, Sco99, SRDPC09, SJ17, dSSVV11, SK13, SWES16, TB13, TGP11, TDB+08, VRPT18, WPC06, WKH09, WSJ14, Xia00, WYT07, YAKK16, ZH05, ZMK12, BBA10]. **Models** [CHJ98, CBG09, Cla86, CP97, ELK06, GPHS07, Ha86a, KNT86, RW01, WB15, WMOK11, AD14, BRS01, CHJ98, CiC16, CN07, Cow05, DI01b, ETYL15, GV99, GCC+15, KLRW01, KMK16, MPS+12, MPLL+15, PC10, PL99, PH07, PSG+09, RRW00, SB17a, SS15, SG01, TTR+13, VKL16, Wal05, WL99]. **modelling** [CHJ98, CBG09, Cla86, CP97, ELK06, GPHS07, Ha86a, KNT86, RW01, WB15, WMOK11, AD14, BRS01, CHJ98, CiC16, CN07, Cow05, DI01b, ETYL15, GV99, GCC+15, KLRW01, KMK16, MPS+12, MPLL+15, PC10, PL99, PH07, PSG+09, RRW00, SB17a, SS15, SG01, TTR+13, VKL16, Wal05, WL99]. **Models** [CHJ98, CBG09, Cla86, CP97, ELK06, GPHS07, Ha86a, KNT86, RW01, WB15, WMOK11, AD14, BRS01, CHJ98, CiC16, CN07, Cow05, DI01b, ETYL15, GV99, GCC+15, KLRW01, KMK16, MPS+12, MPLL+15, PC10, PL99, PH07, PSG+09, RRW00, SB17a, SS15, SG01, TTR+13, VKL16, Wal05, WL99]. **modelling** [CHJ98, CBG09, Cla86, CP97, ELK06, GPHS07, Ha86a, KNT86, RW01, WB15, WMOK11, AD14, BRS01, CHJ98, CiC16, CN07, Cow05, DI01b, ETYL15, GV99, GCC+15, KLRW01, KMK16, MPS+12, MPLL+15, PC10, PL99, PH07, PSG+09, RRW00, SB17a, SS15, SG01, TTR+13, VKL16, Wal05, WL99]. **Model-driven** [EL94, AA07, CDI07, DPP+18, Gok09, OB13, SDB16, AAB19, BRB14, FCAP17, EUR+13, FVVF+15, FKWVH19, GKS18, KSS15, LLI+14, PG05]. **Model-driven** [EL94, AA07, CDI07, DPP+18, Gok09, OB13, SDB16, AAB19, BRB14, FCAP17, EUR+13, FVVF+15, FKWVH19, GKS18, KSS15, LLI+14, PG05]. **model-driven** [EL94, AA07, CDI07, DPP+18, Gok09, OB13, SDB16, AAB19, BRB14, FCAP17, EUR+13, FVVF+15, FKWVH19, GKS18, KSS15, LLI+14, PG05]. **models** [CHJ98, CBG09, Cla86, CP97, ELK06, GPHS07, Ha86a, KNT86, RW01, WB15, WMOK11, AD14, BRS01, CHJ98, CiC16, CN07, Cow05, DI01b, ETYL15, GV99, GCC+15, KLRW01, KMK16, MPS+12, MPLL+15, PC10, PL99, PH07, PSG+09, RRW00, SB17a, SS15, SG01, TTR+13, VKL16, Wal05, WL99]. **Model-driven** [EL94, AA07, CDI07, DPP+18, Gok09, OB13, SDB16, AAB19, BRB14, FCAP17, EUR+13, FVVF+15, FKWVH19, GKS18, KSS15, LLI+14, PG05]. **model-driven** [EL94, AA07, CDI07, DPP+18, Gok09, OB13, SDB16, AAB19, BRB14, FCAP17, EUR+13, FVVF+15, FKWVH19, GKS18, KSS15, LLI+14, PG05]. **Model-driven** [EL94, AA07, CDI07, DPP+18, Gok09, OB13, SDB16, AAB19, BRB14, FCAP17, EUR+13, FVVF+15, FKWVH19, GKS18, KSS15, LLI+14, PG05].
multi-attribute [BV15, KAM13], multi-byte [Kim12].
multi-category [YFZ+16], multi-channel [MLHL12], multi-class [GAWW07].
Multi-cloud [MS17b, CAG17, WCX15].
multi-collinear [LXG10].
multi-component [BCS18].
multi-core [CYT16, CKC15, FHL+15, KSH+12, LS14, PGPC17, WX10, ZCC+17, fLSN18, CD10].
Multi-criteria [FMdAR16, MK15b, PB15, AKAA18].
multi-device [BBG04].
multi-devices [SFJ04].
multi-dimensional [CCW02a, HLW08, LcLsW06, LQC+14].
Multi-disk [LKL05].
multi-faceted [JUN00].
multi-homing [HSM16].
multi-hop [CW12, JXL15].
multi-item [CLL10].
multi-keyword [GZS+18].
Multi-layer [CTL10, SRWE10, WGY+08].
multi-layered [BPO+16, LBS+07, MGB16].
Multi-level [BLS18, HM16, PK10b, Sal17, TL09b, ZJJ+17].
multi-lingual [RMG05].
multi-members [JLY14].
Multi-method [WDMR99, SSI16].
multi-model [PCHW12].
Multi-objective [ARM16, PSS+16, CV16b, FFV19, KS16, LJJ10, NCW+19, OKS+15, PWA+19, YH10, MKL+15].
multi-organizational [FMP09].
Multi-paradigm [DMA18, LJM96].
multi-partite [AYG14].
Multi-party [LyWSZ10].
multi-precision [LK13].
multi-process [WC+98].
multi-processor [DCH02].
multi-purpose [KM11].
multi-rat [MMZ+16].
multi-relational [SZ13].
multi-release [YLX16, ZP17].
multi-EMU [AC13, ACSC16].
multi-secret [CW14, FWTC05].
multi-server [NX00, TLI12].
multi-signature [SHA09, WC07].
Multi-sprint [GRT13].
multi-step-ahead [YCF+13].
multi-target [SA18].
multi-tenancy [KBZ15].
multi-tenant [LZG15, MVL18, PHJ16, WVT+14].
multi-tier [WDC08, WDC12].
multi-vendor [SCO13].
multi-vocal [TKP+18].
multiagent [VAM+10].
multibit [KPS10].
multicast [JCJ99, JXL15, LT07, LZ13, LL14, MV10, TTC04, ZYL12, ZAD10].
Multicasting [Hac94, WGW+09].
Multiclass [MR86].
multicluster [ZLD13].
Multicomputer [Amb87, Can99].
multicore [HH17, LFCL12, OB13, TC16b].
multicriteria [SL10].
multi-dimensional [HWML04, ZXTT11].
multi-GPU [HCB16].
Multiflawed [Gla88b].
multigranularity [CM05].
multijoin [vdBK94].
multilayer [HNC13].
Multimedia [DK08, HLT09, BRMA+09, CCCT06, CCSC01, CH05, CL99, DLB04, GPE11, GL05, GPL+15, HKW00, HKY01, HL02, HLYL06, LTK+06, LLLK10, LV05, MV05, MV06, PK02b, TVA04, TTC04, YYY04, YWTW11].
Multimicroprocessor [GDF86].
Multimode [KNT86].
multinomial [SA06].
multi-objective [PLHP+15, Yoo09, dCPV10].
Multiparadigm [HL93, Ng93].
Multiparty [Cho95].
Multipath [ZX94].
multiplayer [CMK+11, Dan17].
Multiple [CHB94, Del92, KSM+16, vHAT13].
Multiple-Bus [MBCD86].
Multiple-case [KSM+16, VMT13].
multi-GPU [BA14].
multi-level
**Networks**

[ACSC16, BBG86, DHP86, FWD97, Hač86a, MWH97, MWH98, Nit98, PH93, Tsc85, ZK85, AAMS16, AMAY19, ACL13, AM04, AC16, BPM06, BMAH11, Bar15, BMES04, BCLW11, BND14, Boz00, BLM+08, Çam99, Ccd+16, CBS16, CLC03, CC08b, CS10, Ckw10, CTHW12, CW12, Cho13, CL13, CFN07, DBL+18, DGV+07, BdcP11, EEAZ13, ECRVMS11, HBG+13, Hst15, HWHT11, HC01b, HHL06, HLT09, HSS10, JLYK09, JXLC15, Kar04b, KLP10, KPSK09, Kor99a, KCV11, Kmos09, KV05, KRC08, LSI17a, LCC10, LT09, Lin07, LY09, LT11, LZ13, LL14, LWOY16, LWL+16, LWC+18, LMA15, LKK14, MLHL12, MCC+18, MLKL11, MMZ+16, MBM+09, ML08, MLD16, MHW01, MC10, MDO+10, MT10, MKR14, MARD16, MAAC17, NSA10, NNVD17, OZO+14, OH15, PZB10, PV94, PD12, RNC14, Rav03, Rgo09, SM17a, SHN14, SMS11, SGB12, SZS13, SHH+15, TM06, TNH07].

**Neural**

[TQ05, TPN+09, dBTdS08, TL07, TL09b, VVS99, WF07, WGY+08, WG09, WHYT06, WMD+10, WMOY11, WCC13, WOC15, XPZ+10, YH19, YZ05, YSK09, ZADM10, ZYY+19, AAJD+16, CDRT13, DFCPSF15, GMGTD14, SXYW14].

**Node.js** [KTK19]. Node/ [TLK+16a].

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

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

**Noisy** [LZ12, VK08].

**Non** [ABB15, HY01, KW00, Sch91, ZCT+11, ACH19, CTKT13, CHN19b, Gla96i, Gla00j, KWE99, Kmos09, LC07, MLB09, MPAA15, MJ+10, NSD16, PN14, PC01, PGRQ12, DM07, ZXR06, ZWX+08, ZLD13, ZL17].

**Non-blocking** [KW00].

**non-boolean** [CHN19b].

**non-coherent** [PN14].

**non-crises** [Gla00j].

**non-dedicated** [ZLD13].

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

**non-formal** [CTKT13].

**Non-Functional** [ABB15, MLB09, ZXR06].

**non-goal-oriented** [Gla96i].

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

**non-orthogonal** [LC07].

**Non-parametric** [ZCT+11, MPAA15].

**non-perfect** [DM07].

**non-real-time** [CCSC01, Kmos09].

**non-redundant** [PGRQ12].

**non-repudiation** [KWE99].

**Non-Sequential** [Sch91].

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

**non-uniform** [PC01].

**Nonblocking** [WM96].

**Nonchange** [Gla96k, Gla95j, Gla97k].

**nonclairvoyant** [ZK09].

**noncontiguous** [Ab08, BM11].

**Nondeterminism** [DS92].

**Nondominated** [Nei97].

**Nonexceptional** [TB05].

**nonlinear** [GSN+15].

**nonparametric** [SD16a].

**Nonprogrammer** [OS87].

**nonrepudiable** [HWW01, YTH04].

**Nonuniform** [PH93, SC08].

**Norm** [BT05].

**Normal** [SK96].

**Normalization** [MI98].

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

**Nosv** [RQD+17].

**Notable** [Sp01].

**Notation** [AHBA19].

**notational** [HCL12].

**notations** [HR10, OR+12].

**note** [An11m, An17m, DD01].

**notes** [XZG10].

**Notification** [HR96].

**Notion** [Tas93].

**Notions** [Mot96].

**Novel** [CNSG12, HBT16, KSRD10, WLC07, CNL13, CH10a, CBZ+16, DS16a, GSN+15, HLLS13, KBD09, KRJ17, LC10, LHH10, LXC111, LGH+17, LWX10].
LNW^+11, LNY^+11, LWW^+10, LLC17, LY18, MCC^+18, MRBN17, OY16, PZB10, RJHK08, ST13, mSgFL05, SSM^+09, SSP^+15, TVMS18, jT12, TTWY04, TTC04, TW07, TT13, TTT14, WGZ^+12, ZGL^+10).

**novice** [CCP18, CDS19]. Novices [YN91].

**NPath** [MM92]. **NPP** [KSS03, YS02]. **NT** [AS01, LCH^+04]. **NT-SwiFT** [LCH^+04].

**nuclear** [YKC^+05]. **nucleus** [HHC12].

**null** [CBSM16].

**NUMA** [CYT16, WWC97, WWC98, WWC00].

**Number** [Cai98, MIUM12, MM01b, SYT^+17].

**numbering** [Ano19l].

**numbers** [ANC11, Gla95f].

**Numerical** [LJ16].

**numerically** [EMBS17].

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

**O-intensive** [LP05]. **O/A** [KL96]. **01FS** [PNY14]. **OASys** [Vla98].

**obfuscation** [CY04, CDP05, KJ04]. **Object** [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, MD89, AI12, BK95, BPSK18, BWDP00, BF96, Car94, ÇZUB99, CPW98, CLSC98, CC94, CL04a, CZC^+18, CL15, CL17b, Cho04a, CDS18, CCMOM19, DRS03, DSA^+04, DHL06, DPI98, EMM01, EVR11, EB14c, FBB^+12, FN00, FTSC12, FCL^+00, FS05, GRRX01, GP96, Har97, HCN00, HL94b, Jia99, Jun00, KAS13, KLT07, KS19, KR16, LS92, LP93, LS98, LS07, LS05, MB09, MJ14, Mat96, Mer13, MT98, NQ98, OAC11, OB13, PL94, PSMB01, Phi04, Raj94, RS00, Rom99, SNBH08, SKL10, SH17, SW96, SSSA17, SSS17, ST01, She02, SS98, SMCL96, SK02, SC01, SPSP03, TA02, TQ05, TK00, TMD07, TH02, TL07, TL09b, UhCL94, VTTZ^+17, WT01, WK98, WDMR99, XNP07, YLC18, ZEY04, ZL07, ZXL10, Chan97, Gla93c, Gla94f, Got93, GHRK04, dAGSdFS^+15]. **Object-based** [CGL^+04, BK95]. **object-linking** [FPW96].

**Object-Oriented** [MO90, MD89, AI12, BK95, BPSK18, BWDP00, BF96, Car94, ÇZUB99, CPW98, CLSC98, CC94, CL04a, CZC^+18, CL15, CL17b, Cho04a, CCMOM19, DRS03, DSA^+04, DHL06, DPI98, EMM01, EVR11, EB14c, FBB^+12, FN00, FTSC12, FCL^+00, FS05, GRRX01, GP96, Har97, HCN00, HL94b, Jia99, Jun00, KAS13, KLT07, KS19, KR16, LS92, LP93, LS98, LS07, LS05, MB09, MJ14, Mat96, Mer13, MT98, NQ98, OAC11, OB13, PL94, PSMB01, Phi04, Raj94, RS00, Rom99, SNBH08, SKL10, SW96, SSSA17, SSS17].

**object-oriented** [ST01, She02, SS98, SMCL96, SK02, SC01, SPSP03, TA02, TQ05, WK88, WDMR99, XNP07, YLC18, ZL07, ZXL10, dAGSdFS^+15, Chu97, Got93].

**object-relational** [Phi05, TH02]. **Object-Z** [GHKR04].

**objective** [ARMC16, CV16b, DRCA^+19, FFV19, KS16, LH10, LY18, NCW^+19, OKS^+15, PSS^+16, PWA^+19, RR19, YH10, ÇZUB99, MKL^+15].

**Objectives** [ANB93, dRSBA13]. **Objects** [MS97, PL96, WM90, CRC19, CDDF99, GAWC91, HL02, IBM11, IS03b, KL^+11, Lin12a, Pon06, RMV06, SM09, SJ17, ZMAER99]. **Oblivious** [MXZ11]. **Obscured** [DM17b]. **observation** [CV16a, WHY^+12].
Observational [YBE17]. Observations [CBT+14, IS03a, KWS+17]. observe [ZHS01]. observers [JL04]. Obsolete [Hab85, Gla92c]. Obstacles [DCP12, GSDS16]. obtaining [CHL+13]. obvious [Gla95e]. OCCAM [BdADH94]. OCCI [MBT16]. occluded [ZERO00]. OCL [CT09, CCR14, KBHG17, OT17]. OCL2Trigger [AJCM08]. Octopus [BSG12]. ODC [CPR13]. ODCHP [PC01]. odd [Ano94e, Gla94c]. ODMG [LLK05]. ODMG-compliant [LLK05]. Odyssey [BWM06]. Odyssey-Search [BWM06]. off [AHC+11, CFMRLL11, ELK06, PJ09]. off-chip [ELK06]. off-the-shelf-based [AHC+11]. Offloading [CCL+19, AR12, ASV+16, DSGS17, RHHT18, YGN+16]. Offs [GA95, Bat08, SPCT18]. offshore [SWA+13, KNA11]. OLAP [PKL03, SGW+15]. old [Gla95j]. OMG [BCF18, HBG+13]. OML [OHS01, OD05, ZPEL01]. omnipresent [AHH+10]. Omniscient [BLC+18]. OMT [HK98]. On-demand [HST15, DR12, HST16]. On-line [TN05, Çan00b, DWC17, FHY17, ZM06]. once [CB89a]. One [BMS11, CL97, FN86, LYX09, Rei87, AAN11, JZ07, KMS04, KM13, LW13a, MT10, OR00, ZL12a]. one-block [ZL12a]. one-level [MT10]. one-part [JZ07]. One-Place [FN86]. One-step [LYX09]. One-time [BMS11, LW13a]. one-to-one [AAN11]. ones [Gla00k]. Online [SGEK19, VPL+10, CL17a, Dan17, GSM15, KH10, LCF+06, MCS+12, NKJT09, PTK00, TH05, YCWW15]. only [Gla98k, HRB12]. onto [AO16]. ontologies [FdSp08, HS11a, LPP+10, RRHC13, ZLT10]. Ontology [MCS+12, YSG17, AACT13, BLLGSMB11, KSAR18, MJF10, OHS01]. Ontology-based [YSG17, MJF10]. OOD [BDGR01, CBKK08, JMM99]. OODBMS [HLMB07, LLK05]. Open [CF07, CdL18, FG94, Fug03, GPPT16, AW07, ACB18, ALRP16, BCG+14, CL05, DFCPSF15, DST+04, ESM19a, EB14b, GDLB16, GW10, HBR19, JBSL12, KTF15, KKT17, KHMA12, KKA+19, KK17b, KL07, LRD+19, MMCB00, MSB+02, NPC12, PLCC09, PAB+17, PPS12, RA16, RNR17, SLS08, SA12, SM08, SSA08, SG12, TDK+07, VGSN18, WFF18, YLXZ16, YSC+06, ZE03, ZFY+19, CFMRLL11, GL14, KGM06, LMWM18, LLS11, MP12, Shi12]. open-source [CL05, KL07, RA16, WFF18, YSC+06]. OpenBSD [YSC+06]. OpenFlow [CCdR+16]. Opening [JBSL12]. OpenMP [DSGS17, NEM17]. OpenPGP [MBB11]. OpenStack [ZFY+19]. OpenVPN [LLV+09]. OPERA [CLL05]. operand [LSC04]. Operating [ESRF19, SCK86, TT93, GPP16, HK13, IBP03, PLM07, SRT+12, ST89, WW00, YSC+06, GAWC91]. Operating-system [GAWC91]. Operation [CH94, LWB+13, Lin14, WGZ+12, ZS01, ZH05]. Operational [ANB93, FAS94, LM03, RBM95, Ba05, OD10, OKMD12]. Opportunities [SBAN17, AZX+14, ACW10, BDO11, CDPM17, LAH+16, MBL+99, Oja16b, SFJ04, TVMS18, TE99, TC10, TC11]. optical [CB89a, LYX09, WGY+08, AT18]. Optimal [CY00, CL97, DXPY03, HLO6a, LM13, PM99, Pha94, UHS6, WXY+17, AM01a, CZdV98, CL17a, CSS+05, DDD14, Hua05a, JE02b, PK01a, WHL89, WDS09]. optimisation [GA13, FG05, PACH15, RRV19, WRTP+13].
Optimization

[BRMA +09, Pot13, ADMOK +10, ALRP16, ÁRMIC16, BLM10, BZ14, BA1 +14, CDC09, CPYZ14, CHL04, CK02a, CAG17, CV16b, ELHC13, GRT13, GCSAddP11, KHSD10, KAM13, LSE12, LZCL19, LLHY19, LLZW14, LCL +12, MCL +17, MdOBW +15, MBAG11, MAG12, MRJD +12, PS15, PCC02, PK02c, PRN17, RCCVB11, RGH17, San16, Ski13, SGO13, SWES16, TJH15, TXLC12, TDW +14, ÚDUG04, XJZ +15, YTW +13, YYWW07, ZCT +09, ZYZZ14, Zha16, dCPV10, dRSBA13, vdBK94, AZ11].

optimizations [VP07]. optimize [AN16, AKL14, LVVTP17, MS03, MAS13, RMCH +14]. Optimized [DHC +11, DRCG12, GWW +11, KCV11, YF15, ZDC +11]. Optimizing [HYC02, HLL01a, LQW +12, QOLJG16, BM18, ÇT13, CCSC07]. Optimum [Leu92, OG80]. options [¨OKT09, WOH08]. oracle [JCK +17, KAS18]. oracles [CL18, CCHT09, PW18, RG10, ZTPT18]. ORB [WCLK07]. orchestrated [ABC +13]. orchestrations [TTC15, ZTC16]. Order [BP86, KML94, LPP15, CCH09, LHJ10, LWHS05, dPLV19, MCKA18, NQYD11, PDMH13, YZYY17]. Ordered [KD91, HY03, JHYK10, MLD16, WL05, ZYZZ18]. Ordering [ZA12, HYC04, KLMC06, PS13]. Orderings [LVB +93]. orders [CTA94]. Oregon [Har90b]. organisational [WK15]. organisations [YMM +17, YMM +19]. Organization [BY85, Bos12, Car99, JBLS12, JH01, LQ06, DPS03, MP94]. Organizational [AP97, ISM11, Lan98b, Law18, Mat96, SG12, Tha80, Woh16, ACS07, ABG02, BCV06, FMP09, JMML17, MMB10, RSS00, Thi94, TW08a, WkBO17, WRR14, WSM15, ESM19a]. Organizations [Owo96, ASG17, AK16, BdMSNO +17, BCG +14, CLW05, KK11, KFN19, PPG +10, SST16, SNJ +07, SM16, YYL +06, Sny79]. organized [RB89]. Organizing [BB096, Tan96, BNR09, BM17, GAKF13, HM16, PSMB01, XLM +15]. Orientation [Moy96, ADZ +09, Gla94f, Gla96g, Gla93c]. Oriented [AC97, AHG93, BBEM11, BC94, CFFT08, CFK91, CH94, CG94, EH93, EMSU11, JO83, JB01, KO95, KSW93, Kum95, KGH +16, LH93, kAR +19, MWH98, M910, Mil96a, NY84, NC96, Ng93, PM90a, PBC93, PD08, RA96, RM93, SW93, SGC +93, Sei89, SW94a, Sta93a, TOY95, TL96, TL95, TDB97, TDT08, U95, WRW93, AI12, AM15, ARS10, ACDF01, AK15, Bar94, BK95, BPSK18, BWPD00, BF96, CLX +04, Car94, CZUB99, CPW98, CCCT06, CLSC98, CL06a, CC04, CL94, CL04a, CZC +18, CL15, CL17b, Cho04a, Chn97, CHL +13, CGPT14, CCMOM19, Dav95, DSRS03, DSA +04, DST +04, DHL06, DTV09, DIP98, EMM01, EVR11, ES97, EB14c, FBB +12, FN00, FTSC12, FCL +00, FS05, GRRX01, Gla96i, GV99, Got93, GJP96, GMMC13, Har97, HC00, HL94b, ISM11, Iso01, JILQ +10, JH99, Jun00, KAC813]. oriented [KLT07, KS19, KKH +16, KSH05, KKK08, KC98, KR16, LJB05, LS92, LP93, LC00, LCL04, LL06, LNM10, LVM07, LGMBH17, LQ98, Li99, LS07, LJ05, LM96, LLL +14, LN13, MJF10, MLB09, MJ14, MTF14, Mat96, Mer13, MPS +12, MPLL +15, M98, MO90, MGvFGCB10, MD98, Mur08, NFM011, NQY8, NBR +13, NGC02, OAC11, OKS08, OB13, PL94, PNJGF12, PSMB01, PL99, Phi04, PFF12, Pot13, PHBJ16, RA194, RR98, RS00, RV19, Rom99, UCS15, SGP12, SNBH08, SKL10, SdSLS +19, SW96, SSSA17, SSS17, ST01, She02, SS98, SMC16, SK02, SC01, SPMS03, SL01, SWES16, TA02, TKK +19, TQ05, TM98, THWC10, TMD07, UZ09, VP07, W99, WWY +17, WZM12a, WZM12b, W98, WDMR99, WHHT08, XNP07, YLC18, ZWM +18, ZL07, ZX10,


Packaging [Bas97, VJB08]. packed [LZL+18]. Packet [GFP11, BP15, ELK06, FGBC10, HHL06, HCC05]. page [CN04, LCC02, LSaC01]. page-coherent [CN04]. Pager [WLC95]. pages [DH13, Pon06]. paging [HH05, WW00]. pairs [EZG15]. pair [CCG+07, CRSS14, Mül05].


Paradigm [GHC91, Sah94, DMA18, DGI+03, EL07, LJS05, LJM96, MB97, SPK99]. Paradigms [Moy96]. Parallel [AT97, BP86, Bel93, BAH96, FG93, Fra86, Hač86a, HL94a, Hay86, IMM95, JWT17, KM92, LZ97, MEH05, MPS86, MIIH92, RT86, Sh01, SP94, Tan96, Won93, WNHM86, ZENA93]. AHW10, BAI+14, CLX+04, De 97, EMBS17, GE15a, GTY12, Has98, HCC91, HBVG08, HSR01, JER2b, LF91, LZY+15, MCC02, MCC11, OFWP07, PDBD18, RG10, SK03, SMCL96, SMU98, SPDT06, TS19, TGKL19, TLK16b, WT01, WWYZ11].

Parallel-Processing [Hay86]. Parallelism [Ban86, FN85, Tri86b, CBL+15, HU00, OBW11, PC01, Vla98]. parallelization [LAI+16, MDBC17, NEM17]. parallelize [CCW02b, XPB11]. parallelizing [LC05].

Parallels [HD84]. Paramedic [CM92].


Parkinson [GMPN16]. Parlay [TDK+07].


Parsing [Hee90, KK85, MG97, vAW93].
AACT13, DDGR09]. **PART**
[HLM+09, MvS95, Mot96, JZ07, LKJR10a, LKJR10b, BKW10]. **Partial**
[EC98, LVB+93, Rey84, Rod86, CC02a, CLLC96, CHL11, EMB517, KVT+17, MCKA18, Rey89, SPDT06]. **Partially**
[KD91, SBT19, CZL07, HRB12, HH08b, HC04b, HY03, JHYK10, WL05, ZC05]. **partially-ordered**
[JHYK10]. **participant**
[AL10]. **participating**
[CH10a]. **participatory**
[CRKH11, Chr16, DEA+14]. **particle**
[LLZW14, YYWW07, dCPV10, AZ11]. **partite**
[´AGBYB+14]. **Partition**
[CLL99]. **partitioned**
[XB19a]. **Partitioning**
[BE81, Gie79, KC96, CH10d, JC02, KSENM17, KPT09, LO04, LZN04, MCC02, MCC11, SK04, YZL+14]. **partly**
[Gla91g]. **partnership**
[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, BDGD04, CT12, 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, LZG07, MK15a, Mur08, PC02, PWLH06, VVS99, WHL89]. **path-oriented**
[Mur08]. **path-selection**
[WHLS99]. **Pathfinder**
[KV05]. **Paths**
[BM96, GZY11, GTY12, KSS15, LWLLL12, LWBHB16]. **patients**
[GMPN16]. **Pattern**
[Kor83, BKLE18, CCHT09, Cha93, DDGR09, DACY07, FM11, FPW96, HZ15, HP16, HK13, HZCD05, Hus01, JCYT16, KPS10, KPS+04, KLNS07, KY10, KLL+11, KLL17, LPR04, LNY+11, LW13b, NKLZ17, SOS+18, WLC13a, War89, WHC07, XZAR06, YCF+13, YZC15, YZY+18, ZFS15, ZMAV08, ZLmLN14]. **pattern-based**
[DACY07, FPW96, HP16, KY10, KLL17]. **Pattern-Directed**[Kor83]. **pattern-driven**[HK13]. **Patterns**
[ABJ+17, CM93, FHL+18, HGK+06, LJC92, MS97, PH93, SO03, AA07, AKKS11, ACS13, ACFD01, BJ03, BZ10, BNR09, CSF+14, CCG+10, CHL11, Cie16, CRESF+13, DJW08, FVHF+15, FMR11, GGM11, HSC15, HA10, HJC12, HCC08, HWL13a, HHH13, JLGM17, KA18, KKR16, KVT+17, KCS08, KP07, LKRYTS18, LTL+09, LLJ+12, LLX+11, MRY17, MK15a, MKHLB16, OKS08, PB04, RAJ15, SCS15, Sal17, SK11, SMHMA08, SL03, SB17b, SC07, SJC13, SVM19, Sp01, Sta10, TL09, TL09b, VPL+10, WCC+14, YZC15, ZTZ+11]. **patterns-based**[HSC15]. **pave**[WLL17]. **payload**[FF12, KC09]. **Payoff**[Bro81, Gla91a]. **PC**[HHZ92]. **PCS**[WCC13, SHS+07]. **PDE**[OLZN13]. **PDL**[OC90]. **Peak**[ACRD19]. **Peer**[BCG+14, BGG+06, KSHC14, LHH10, Lko06, Loo05, LKK14, MK08, MLD16, Mül05, OK11, SHN14, SM06a, SM+09, SS13, YH13, ZK04b]. **peer-to-peer**[BGG+06, KSHC14, LHH10, Loo06, LKK14, MK08, MLD16, SM06a, YH13, ZK04b]. **Pencil**[Gla96j]. **People**[OS87, AKH12, FFdRG+14]. **people-oriented**[MPLL+15]. **people-oriented**[MPLL+15]. **Per-flow**[AM10a]. **Perceived**
[OK18, CFRPC+18, ETM10, OKG13, VLL18]. **percentage**[LLK11]. **Perception**
[JKDO2, CJKC09, KJW09, KWT+00, KLMZ08, KJ99]. **Perceptions**[RSM00, GW10, Lin09, LL04, LLS11, SHW09]. **perceptron**[NHC13]. **perceptual**[MK11]. **Percolation**[Pal12]. **Percolation-based**[Pal12]. **perfect**[LLC10, DM07]. **perfecting**[HHM+18]. **performability**[EBJ17,EK13]. **Performance**
[AAMS16, AMAY19, AAI10, AAH12b,
Amm91, Ano84c, BMAH11, BM07, BZ14, Bha84, BAL81, BM93b, CLGL05, CZ91, CUY09, DZT+14, FC96, Goe84, Gor91, GDF86, GLJ13, Hače86b, Hače89b, HJ90b, Hače92, HLVC04, Hań5b, IMM95, IP03, Kar04b, KP97b, KNT86, Lai97c, LZL97, LJN11, MK17, MPS86, MNM12, NSAK10, NsL00, PK10a, Par86, PH93, PLF05, RA91, RV93, RCSD93, SAA93, SM06a, SKS96, SPCT18, TPKT12, TMB02, Ver89, WNHM86, WPP9b, Zha16, AdB13, AHLH16, ATvHJ18, AA98, AL10, ABW07, BML+13, BHMI2, BJK06, BRK09, BBS00, BDPRC18, BRS+18, BT17, BLM12, BJK09, BKR09, BLS07, BAK92, BH07, HCY19, HLMB07, HZH+16, IWF07, JKLW09, JRB+06, KDGAW16, KA18, KA14. performance [KR98, Kor99b, KDEK04, KCV11, LTK+06, LJB05, LS6a, LSC19, LSAc01, LZR16, MK06, MK00, NLSK04, NSL+07, NK14, OS09, OFWP07, PCH12, PH13, Pm05, Pn13, PSQ+09, QL03, QOLJ16, RHH+18, RLY+13, RQ+17, RVCM17, Row86, ROFGRM13, SPCC16, SO03, SK03, SCwY12, ST07, Sther09, Sh17, SA11, SSP+15, SVMAMA04, SW99, SK01, SSCL08, SJ70, SDG+17, SS13, TBC+16, TKCR14, TDK+07, TM07, TDW+14, VYCC13, WMD+10, WW00, ZHH+17, dL13, ADMOK+10, OSH+18, ZL19. Performance-based [LZL19].

performance-directed [SPC16].

driven [PSQ+09].

Performance-Reliability [Hače86b].

performance/reliability [GMS07].

performances [CCG+07].

Performing [CTKT13].

Period [BRC09, FHL+15, PK01a].

Periodic [HLW+15, ML95, CHL11, HSC15, HyLW+12, KPS10, KRR16, KVT+17, PC04, TKJL13].

periodic-frequent [KKR16, KVT+17].

Performance [LLK11].

Permutation [HRB12].

Perpetual [Fei12].

Persistence [SPCT18, TGP11].

Person [KCK+98].

Persona [ARH+17].

Personal [BFPAGS+08, FMPS16, KUK07].

person [SAA+10].

Personnel [FF89, GA11, PPN+15].

Perspective [AH93, Deh90, Hon90, O’N83, Pla92, RAC90, RA91, BDM+19, CO08, EED16, EUR+13, Hal92, Ham02, HMI16, JCYT16, JRI90, KBJZ15, mJKME01, Knu00, LC09, LS17b, LMWM18, LZH11, LTF98, LSD+19, SGP12, SAV15, Som+13, Vam07, WOH08, RCR16].

Perspectives [AKH12, CSM19, LI02, LSV+06, MBL+99, NAB+13, SW19, YLCZ12].

Perturbation [LXJL10, LCC+13].

Perturbation-based [LXJL10].

Perturbations [XYZ+19].

Pervasive [LP07, ALT+09, AHI+10, BSG12, CELS07, CMK+11, CNO, JL+10, KAK+13, MP+08, MG107].

Petri [AHW10, CR06, HA03, LKJL01, CCC06, BHM12, Chr86, Coo90, FLYCL13, FN86, GPK98, HCC91, JS99, KH16, KP93, KP97b, KDK04, LP93, LM94, L297, OH15, PPMM12, Pfd97, Pfa06, SC88, dSSJ90, SBM94, Var91, vD93].

petri-net-based [CCC06].

Petri-Nets [Phil06, OH15].

PF [LWBH16].

PF-Miner [LWBH16].

Ph.D. [Gla97e].

Phase [KL95, MN19, OKOM97, TD80, CK02a, HJ12, HL06a, HY95, LSC14, MDMC06, Mil00b].

Phase-wise [MN19].

Phased [WD99].

Phases [Zim84, APS16].

PHash [Sh17].

PHP [DSGS17, GOGK19].

Philosophy [BBF+90].

PHP [DGBE18].

Phrase [AB90].

phrases [CP09].

physical [AWSE19, CSMC19, GVPPM18, GBH+16, GSP+19, LS17b, LSD+19, NI13, ZG00].
prioritised [HLMB07]. prioritization
[AWSE19, CZC+18, DvdVA+13, HMOK18, HCC10a, HPH12, HLLS13, HCT+15, JG08, JC15, LZKW12, MCTM11, MKS+18, MB17, PSS+16, PSEE12, PMB15, PWA+19, RST98, SPLW17, SB12, SCC16, ZCT+09, SD16b].
prioritize [WZY+18]. Prioritized
[ZS16, PD16]. Prioritizing
[FWP93].
priority-aware [LZ13].
priority-based [HC01b].
PRISMA [ARS10]. Privacy
[Chr16, DEA+14, SY16b, AGBD14, CDS10, Cho04a, CRKH11, CHL+08, ECRV03, Lin16, MXZ11, MIK13, SLZ12, SGBP12, TKH+11, WSJ14, YS+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]. Pro [BPB19]. Pro-IDTV
[BPB19]. Proactive
[DM17a, HLW08, LR04, BDDG04, SKK+18b]. Probabilistic
[FZH05, AMP12, DC11, DSSL09, KK17b, TKH01, PACH15, RXY+19, SGO13].
Probability
[HP90, LS07, MSGGL12, RCCV11, XYP+18]. Problem
[Chr86, Gla91e, Nit98, Ano91c, BCV06, Ch09, CJTO4, Dar02, DSSL09, EK12, Gla94, Gla97, HR59, HCD08, KK17b, KEK04, MJ14, MARD16, PS15, PA99, PV94, PW03, RSB19, SKK+18b, TNA01, WJ03, XJZ+15, ZJZ+17, Zhu00, ZG+10, CKL12, DRCA+19]. problem-oriented [Zhu00].
problem-prone [TNA01].
problem-solving [DSSL09, KK17b].
Problems
[BB81, MPS86, WB89, AR17, GH04, JE02b, JK12, KSEMM17, KRHZ05, LL07, LCL+12, SYBN12, TTR+13, VLL18, VHL14, YF15, vGB02]. Procedural
[WV11]. Procedure
[SAASA09, ZM96, AP09, AK15, BKSM13, BKSM14, KKatM15, SD02]. procedure-oriented [AK15]. Procedures
[KK81, OS87, Mil00a, Skl13]. Process
[APL95, ANB93, BHI02, BHI90, BBO96, BW93, CT94, CB91, CP97, CGA08, De 97, DLS94, FP93, FG94, Gla88b, Gla93e, HBC04, HF08, HPS04, HHS04, Kun91a, Lai97a, Lan90, Lee93, LCO08, LAH97, MM10, PM90b, Phi81, RW01, RY93, SL96, TM97, AKH12, AAMS14, AAGT16, AK08, AHH16, APW14, AL05, AAN11, AF16, AMGG14, ACDG02, BKZ+06, BWW+18, BH03, BM05, BHH+05, BBA10, BGL13, BKB+07, BPB19, BM06b, CGP+05, CCC05, CNG16, CC99a, CS01, CHL05, Ch99, CNKL12, CO08, CGS06, DCA09, DA07, DHT05, DIL01a, DIL01b, DZW+09, Ebe99, EB00, FDAM12, FCS09, GMMGP15, GDL16, GW01, HL01, HK11, HAH06, HWW01, HRS05, HP16, HFC+01, HFR14, HBS01, IB11, JED18, JPKP04, JPM07, JAS19, JMM17, JH01, KKT17, KSP11, KMR99, KSA18, KRHZ05, KSF10, KT+16]. process
[Kun91b, LPJP09, LR09, LPM15, LMR12, LMGHB17, LSV+06, LZKW12, LRD+19, LMNA17, MdOBW+15, MR01, MB97, MSGGL12, MM01a, MAAC17, NWZ05a, NWZ05b, OFR+12, PB11, PCCL1GP12, PCFRP19, PW10, PIG08, PL99, PH07, PPG+10, QK08, RV99, RK00, RDM19, RH02, REF+07, RCL99, SC99, SK11, Sca99, SL08, SS14a, SWA+13, SZW+16, SK18, SJK07, TAF+17, TTC15, Uzz13, VCL+17, VKL16, VA+15, V599a, V599b, WW09, Wau19, WM012, WL99, WCV+08, WBB01, Wua01, XLW18, XSS06, ZADA15, ZyCkP01, ZL17]. Process-based [De 97]. Process-Centered
[FG94, KSP11]. Process-integrated
[BHI90]. process-line
[BWW+18]. process-related [CGSGR06].

Processes
[AR94, AS96, BCD92, FFdRG+14, KD91, KL91, Let87, MSB+02, TK87, AHW10, AC16, AM10a, BNvdH05, BRS+18, CFRPC+18, CC07, CXO+15, CBS00, CLF+13, DI01a, FSG+11, GR05, GAW92, Hač88, HH08a, HRN+01, JST10, JR15, KLRW01, LH06, DPF03, Mor99, PRS11, PS00, RH03, RRM17, SMZC12, YLXZ16].

Processing
[Amb87, Hay86, Lai97a, PD98, Rah92, RW97, Sho91, Tsu85, Ulu95, ZENA93, vS83, BLM+08, CK02b, CM12, De 98, DM17a, DWC17, FS19, FGD+17, HL09, HWR17, KRP02, KAS18, KW00, LWHS05, LCC10, LPP+10, LCCH02, Lin12a, LJ99, MLC09, PJ09, RVCM17, SHN14, SMM17, SK01, TS19, Ulu98, YC08b, ZM06].

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

processor-in-memory [CHL04].

Processors
[CD10, FG93, ML95, ELK06, Kar94, LCLL07, TXLC12, TCSC04, WWL+10].

Produce
[SG91].

produced [RM19b].

Producibility
[Car92].

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

Product
[CBT+14, CGA08, DSB05, ESWA18, Esk89, Lan90, MBCD86, AC19, AC07, AD07, AK08, AKL14, AWSE19, BKS15, BH12, BBD18, BmM5, CH89, C102, C106, CV16b, D108, D109, DV10, Ebe07, E14a, ESM+19b, EBBO9, FL05, FFV19, GMMGP15, GPH08, GWW+11, HGBS18, HJN11, HF08, HPF16, JG14, JKL19, KDS+08, KG09, KCV+19, KPS08, LMN10, LNTS19, LS05b, LLD07, LGS+19, Lut00, LG03, MNS13, MCV16, MAGIC+17, MD16, NBA+17, NBA+15, NRG08, ORGJ+18, OH15, PLHP+15, PBD+12, RTM19, ROR11, SB19, SSS17, SdSGdMNS+13, SSAS11, TBG13, URG10, UD10, UIK17, WAG15, WGS+14, WR10, WBBK18, YMM+17, YMM+19, ZR04, dSaMsNO+14, dBV08, dOSdAdSG17].

Product-Form
[MBCD86, BHM12, OH15].

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

Production
[BCD92, DK97, HBC94, HP90, Ker92, RV93, FKWH19, Gl97e, HK09, VHFS15, VHF+17, ZKL+09].

Production-Based
[RV93].

Productivity
[Bhu89, Cha95, DB66, FPW93, Ga88b, Gl90c, Gon95, GR97, JL85, Je87, KMO91, Law81, T992, An90d, An90b, BMB19, F01, Gl88c, Gl91f, RSGH12].

products
[HBR19, KL07, RHL+17].

Professional
[Got92a, Mat86, TKS95].

Professionals
[CM92, Lue92, RZ94, FF89].

profile
[Bai05, CK00a, Ci16, NLSK04, OCC13, RZMP12, TR00].

profiles
[BK17, GJ08, PC10].

Profiling
[Ala15, KM17, LWLL12, TZ12, TC12, WLZ+17a, WLL19a, WLL19b].

profit
[GCMB17].

Program
[AS96, BYY87, BL98, CS85, CH83, Eva83, FS91, GA95, HOT97, HL83, HB89, HUMT92, HU96, JO83, KL95, LDN87, Let87, LXZ06, MS81, Mar84, Mi96, MD91, NB93, PW92, RCM91, Sc93, SKV94, TZ92, WBR90, Yan94, Zh09, Alz08, BHH+10, Bra89, CS16, CH07a, DDF+15, DW14, DS04, EK12, FTAM99, HBD03, JCK+17, JRO12, Ka95, Ki06, NLY06, LLL17a, MM19, MJ19, OR00, PCDG02, R300, RB89, SZ11, aSRZ+18, TL89, WHL89, WGH00, WQ06, XST18, YLYL17, ZG00, ZC18, ZC19, Qui94].

Programmable
[CBC14, AYZ10].

Programmer
[KMO91, OS87, Mi07].

Programmer-Nonprogrammer
[OS87].

Programmers
[AP97, Gl97c, CDS19, Mi07].

programmes
[LLM+17].

Programming
[AHG93, BF81, Bla87, BSDD14, BCFG86, BN90, CS85, CH83, Coh81, DG80, FM90b, G91, Gl90b, HL93, JL85, J91, KOM88, Kor83, Kus90, Law81, Lit90, kAR+19,
MO90, Nel81, OC91, PT91, SCG+93, She90, TK87, WM90, WSD81, AR17, Ayr04, BCFP19, BB89, BDG13, BSB12, CdAM+14, CCCR14, CLX+04, CCG+10, CC94, CP88, CAG17, CRSS14, De 97, DBO05, EL88, FMSG08, GE15a, HBM05, HCDJ08, HBVG08, KBDGAW16, LJII10, LF91, Li98, Li99, Lok06, MNO18, Mat96, Mül05, NBR+13, OCN89, PN14, Phi98, PTF+15, Raj94, RBS19, RAJ15, SGP12, SMCL96, Sol87, SPCT18, SW88, TW08a, TKA+02, Wen03, YLC18, KCS08, SJ05.

Programming-level [GE15a]. Programs [AR90, BAH96, Ber93, BBC+88, BK85, BP91, Car96, Del93, Har95a, KM92, KML94, KL90, KG+96, L'E87, LTHR97, LZL97, Lok96, MGJT87, Rey84, SBM94, TL96, UH96, VPM93, WNHM86, ASdMGM14, ABS19, dSACdLF17, BdADH94, BB89, CCDD00, CL18, CCHT09, CLSC98, CLSa01, CDP05, DOL+16, EOM95, ECS15, ES14, EVK05, EED16, FS05, GPMI13, HHH+99, HCC91, JPK00, LMH10, LVMM07, LAH+16, LMYG08, MKM+06, Moo98, MNN12, PJK13, Rey89, Rot89, SÁMI17, SeMC02, SM16, aSRZ+18, TKJ16, TLZ+16, TGLK19, VB99, YWWS10, dSF12].

Progress [DHJ05, HH17, WT89]. progresses [LW02]. Progressive [HHH10b, YCWW15, JHYK10, FMRM15].

Project [AH90, AH93, Ber81, Iso95, IKCN91, KT85, KK81, LM94, MM95, MK90, Pu90, RB93a, Tau08, WRW93, AH88, ASMN15, ACB18, APSC10, BM05, dOBW04, BJ06, BDGR01, CS19, CBAV16, CC11, CDGB07, DB06, FY04, GL14, GGC16, Gi88, Gla89h, HM16, JSL16, JK00, JWLO9, Jor16, JR15, KWT+00, LS17a, LMIV15, LPS02, LXG09, Lin99, LSD+16, LKBO6, DPS03, MS03, ML03, MR01, MeB08, McD02, Moy00, MH04, Mur99, NSK04, NSL+07, NBF16, PCV+08, PKR01, PCK18, PVSG05, PV06, RSBA19, Rog94, RKK16, RRT01, Sai07, SSF15, SAR15, SS07, SSCL08, Sta10, Sta09, SJK07, dBTdS08, VLL18, WK15, XHW99, YAY13, YFZ+16, He95, Not85b].

Projection [Sta83]. Projects [Bla87, Eli92, MRW+94, OT92, SM92a, AS10, AAH12a, AdB17, Ban08, BCH09, ÇB16, CFMRL11, CC08c, DvdVA+13, DL99, FN00, FHT07, GC13, HH07, IF19, JKC19, Jor14, KP10, LHCT19, LMA15, LMN17, MSB18, MAH18, MVSG18, MØHB08, PD16, RSB+14, RSB+16, RR09, RCCBV11, SS98, SSA08, SND13, SHHL12, SM07, TNK+19, Uzz13, VGSN18, WkbOS17, ZCC+19, dOSdAdSG17]. PROLOG [BP91, Ls92, AR17, Lok06, Moo98, Ura90, Vla98].


PROMPT [Lai95]. Prone [Coo90, EE08, KL07, MA17, SL08, SPSM03, TNA01, ZXL10]. proneness [FP18, Gon08, HJdBH10, MRS18, MR00b, ZCC+19]. proof [LMGBH17]. proof-of-concept [LMGBH17]. Proofreader [Gla96].

Propagating [MMW12]. propagation [ATvHJ18, CE08, DRELHE16, MRS18, MRR919]. propensity [KWT+00]. Proper [RB93a]. Properties [BFR96, Ne97, PdC94, BGM06, DNS13, HBG+13, IS03b, OML16, PH13, PJT+17, PDDB18, Wil03, WWY+12].

Property [ZLG10, CCH09, KU10, ZLMdLN14].

Proportional [CTY01]. Proposal [AR90, Cha95, Mat86, vC80, DF00, FCM12, SLL14].


Protecting [GMB+09]. protection [CL08, GMGdFR14, GAWC91, JEE16, KUK07, KJ10, LC02, SY16b, TLL13].
WGC02, WGW+09, YKC+05. **protections** [BCR+19]. **Proteus** [USLC01]. **Protocol** [BMB89, JT97, Lai97c, LL97a, wLYH97, WM96, ZK85, AN16, CN04, CCL01, CLC08b, CSW10, CTHW12, CW12, CJ03, DMSG11, FS06, FIBRGC1N05, HHL+97, HCC05, JS99, KYP+03, KMS04, KR98, LAI95, Lai97d, LAI02, LTK+06, LT07, LJB05, LKH09, LL09, MDO+10, MT10, NS02, OS09, OHJ+10, PZB10, PPS12, QL03, SC14, TM06, Tse07, WZM12a, WZM12b, WHHT08, WC11, XZP+10, YC09, YC12, ZG10, AM13, GMTdFR14, ST11, ZS05a]. **Protocols** [ASSA96, CG94, Jma96, LL98, LL97b, SW93, Uhu97, BCS18, CCL05, CKyL98, CFN07, CdL18, DAR14, Jia99, KKLC12, MK00, Rog89, Shu03, SSP+15, SCH05, YS04, YSL+10]. **Prototype** [FS91, RO13b]. **prototype-based** [RO13b]. **Prototypes** [Bel91, BM93a, ICKN91, CTZ92]. **Prototyping** [BJK06, BG96, CCL04, LVB+93, Sch91, SSK98, VC97, Zhao94, CDS99, CH10c, DZHR04, HCS04, HK98, HAS98, LCZ98, WKL04]. **Provably** [LH11a, YC12, ZG10]. **Provide** [Por93, ECRVMS11, LLW12, WL17]. **provider** [CWJK13, DST+04, JK02]. **providers** [MIK93]. **Providing** [Cho04b, Hen88, HHI17, Lin07, TE99, KBH07, MCV15, TYH04, CX10]. **province** [GV10]. **provision** [TDK+07]. **provisioning** [KUK07, KAK+13, MPL18, RT07, SB19, THWC01, WZJ14, ZDC+11]. **PROW** [LPP15]. **Proxy** [RMC05, TLK+16a, CE08, DK01, FSGW11, HNS12, HW01, HC04a, HLYL06, LT09, LCLL08, SCL07, Sh09, SLZ12, SV12, SHT05, SXY11, WC07, WHY+12, WYL06, WL09, YTH04, CL13]. **proxy-based** [DK01]. **pruning** [PC02, WQZ10]. **PS** [CDRT13]. **PS-QUASAR** [CDRT13]. **Pseudo** [JC10]. **Pseudocode** [Sca88, Rev89]. **PSO** [MA17, TLL13]. **PSO-GA** [MA17]. **PSP** [RZL+18]. **public** [BCW05, CWH00, CMK+11, CHL+08, EHKH04, LC02, Nec96, RPSL10, WH03, YYS+16, ZSM05, ZMN05]. **public-key** [RPSL10, ZSM05]. **public-key-based** [Nec96]. **publications** [SM06b]. **publish** [CDRT13, GLa89e, HBG+13, LJC16, LVMPMCS13, RMD11, YSK06, YSK09, LJDK10]. **publish/subscribe** [CDRT13, HBG+13, LJC16, LVMPMCS13, RMD11, YSK06, YSK09, LJDK10]. **publisher** [SO03, Ano11n, Ano17m]. **publisher/subscriber** [SO03]. **Publishing** [LC06b, VGM13, CCC05]. **pull** [DF99, JLZ+19, LMP18]. **purchase** [LS05b]. **pure** [OK11]. **Purpose** [Yua90, KL10, KM11, Osz97]. **purposes** [LHO1a]. **push** [DF99, MvD08]. **push-based** [MvD08]. **push/pull** [DF99]. **PVD** [YWW810]. **PVM** [PD98]. **Pycots** [BDLM16].

**QA** [Fis81, JSHW14]. **QoS** [BM114, BBV+10, CDEV08, CV16a, CDRT13, CL99, DGV+07, DHC+11, DLB04, EGG+11, HBG+14, KAM13, KD05, LR04, LI11, LG15, LLWL14, LGZ+18, MYZC06, MLHL12, MV11, MG107, MPG+08, NKJT09, PPMM12, PPMM14, PPMM17, PG15, SDG+07, SWES16, WTG+15, YZG+13, ZADM10]. **QoS-aware** [BBV+10, CDEV08, CV16a, DHC+11, MV11, YZG+13]. **QoS-based** [LLWL14]. **QoS-enabled** [SDG+07]. **QoS-oriented** [SWES16]. **QR** [LQLC16]. **QSIC** [CL11].

**quad** [LBC10]. **Qualitative** [San16, GTF17, PV18, RH03, RM19b]. **qualities** [PSZ17]. **Quality** [AUG+15, AS16, Bev99, Bo10b, CLH+13, DR92, DB86, Eks98, ELHC13, FGB10, GLa92b, GLa92e, Gnw95, GA13, HG91, Hn09, KH01, KKL09, KKK08, LV97, MVLJ18, MVSG18, Phe05, RB93b, Rv91, Rw92, TKM03, Tak97, Tz81, WNC17, YHZ+09, ZE03, dVb03, ABG02, Ano87f, Ano92f, AHOP14, AAC+17,
Rational [Gla93e], rationale [BL09, LICA09, TBGH06, TJH07, Xia13, BB08]. rationale-based [TJH07]. rationalize [vHAT13]. ray [BA1+14]. RCDATA [PvV12]. RCES [LLCL08]. RCES/RSES [LLCL08]. RDF [RHRC15]. RDL [OAdLC07]. RDMA [RLY+13]. RDMA-based [RLY+13]. RDOTE [VGM13]. re-binding [CDEV08]. re-encryption [FSGW11, SLZ12, WHY+12]. Re-engineering [CRESF+13, AAAC07, TKM03]. Re-implementing [SV19]. re-learned [Gla97]. re-location [NCS10]. re-transmission [HC04a]. Reachability [Chr86, NS92]. reachable [TS89]. reaching [Gla97]. react [RMD11]. reactions [DF99]. Reactive [Fur93, JVP+98, Sah94, CJZ04, HLW08, KJ10]. read [DZT+14]. Readable [HC86]. Reader [Ano92h, Ano92i, Fle95, Gla95g, Gul92, Len95, Pau92]. readers [Gla94e, WL17]. Reading [Bas97, MR00a, LASE00, dBV08]. ready [OSH+18]. Real [BG98, CL94, CLF+13, CRV94, DYC19, GMM90, Gom89, Gom94, GR92, HW94, HFK92, KY92, wLyLiH97, yL98, HK94, LHK95, MK11, ML95, NC96, OK94, Re90a, dSSJ99, Uh95, Ulu95, WM96, Yoo99, yu90, ZC96, AMP12, ABB19, AV02, ACM13, ACH19, At00, BCK00, BL98, BL19, BNR09, Cam00b, CBZ00, CSSC01, CSSC07, CPS11, CCKM09, CL10, CZG+15, CKyL98, CBL+15, CS12, CG05, CF12, DMV98, Del08, DY99, DY03, DZR04, DGL+08, DOL+16, EBEL18, EK13, FHL+15, FHY17, GBL08, GLZ15, GP05, Gho01, GWDE07, GPPT16, HyLW+12, HCB+16, HA03, HSM+07, HZG+12, HNS12, HCDJ08, Hoa94, HLC+09, HHL06, ICSK14, Iso01, JEO2a, KBM05, KMSMD08, KC16, KCS01, KLY03, KMS04, KLB15, KR98, Kor99b, KMS09, Lai97d, yLeY98, LLL00, LKL02, LP93, LL00, LES11, LSE12, LS14, LS17b, LFCL12, LR04, LRS+07, LWL+13, LLV+09, LC11, LHP+09, LHP+10, LGS+19]. real-time [MMM00, MEH05, MBD13, MFMCY12, }
Nae01, NsL00, NPC12, OW04, OAZ08, Ost92, Ozk97, PKN96, PC04, PG15, QL03, Rav03, RXY+19, RHG17, RG79, SUSO04, SSO05, SL08, SO03, SY02, Snu03, SBB98, SK10, Sto92, TLW07, TKJL13, TKJ15, TNP+06, TC16b, TLo9b, Uhu98, VT98, VT99, WCLK07, WMWZ12, WX10, WDN05, wZG13, wZG14a, wZG14b, ZAO08, ZW15, ZLY+96, ZHGL11, ZH05, ABCH13, LJB05].

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

real-valued [KLB15].

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

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

realization [hChSyCwL10, Rog94].

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

realtime [WFY+19].

Reasoning [FWD97, ANH07, BFPAGS+08, CCGdL16, EBGR01, OT17, TJH07, TBSvdW18].

reasons [CBVF19].

reassembling [LZL+18].

Reassessing [KP10].

reassessment [Ban08].

Rebalanced [SWH+09].

Rebalanced-RSA [SWH+09].

REBNITA’05 [CBVD07].

REBOOT [SKC95].

Reborn [CHB94].

recapture [Iso98, PTRW04, TR00].

receiver [MXZ11, PTM08].

receiver-centric [PTM08].

recently-evolving [HHKW07].

recently-introduced [HHKW07].

rechargeable [LWOY16, LWL+16, LWC+18].

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

Recognize [Hen88].

Recombining [Ber98].

recommend [GJ16, dOFB+19].

recommendation [GJ16, GMR17, HSL14, LL09, LS05b, LLH08, LQC+14, MCS+12, NZK17, SZW+16, SYXL17, XWZC14, XSL+18, ZCY+16].

Recommender [SHH+15, BFPAGS+08, CCY11, LK16, NTdsX13, TIZ12, YSG17, YH13, GMLSF+15].

Recommending [BCBZ14].

Reconciliation [Lan90].

Reconciling [AKH12, HNZ17, MMM+12, SMHMA08].

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

reconfiguration [BJG11, BBD18, BDL16, CDI07, DS16b, Li11, LG15, LJD10, PDL+16].

reconfiguring [PLHP+15].

reconstruction [BAI+14].

recorder [dNPM18].

recoverable [LNW+11].

recoverer [BDK08].

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

Recovery [ASSA96, BDM+93, SAASA94, Won93, YP94, ACDF01, CKS15, DDGR09, HLAB99, HZCD05, HHL06, KSA04, LMS11, LKJL01, LL01, LT08, LZN04, MMB00, MAEL19, PNY14, SV12, WCV+98, YZC15, ZYSL12].

rectangular [KH06].

rectangular [KLH06].

rectangular [KA96, KA96].

recycling [KA96, KA96].

recursive [BBP96, LHY12].

Recursive [BBP96, LHY12].

Redesign [BBO96].

Redirection [LL10].

Redistributed [LXCM11].

Redistributing [SUSO04].

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

reduced [LGLL12, TSL+11].

reduced-round [LGLL12, TSL+11].

Reducing [CJNC09, SMMV16, WM95, CWK+11, JRSN10].

Reduction [Bra96, Hug91, LHC96, SB93, DILW08, KSS03, MK16, MGM16, MCA18, SRS15].

redundancy [EL88].

Redundant [CLL96, ALZ08, PGRQV12].

REDUP [HHL06].

Reengineered [SW95b].

Reengineering [APL95, AS96, Jar93, MM95, Sag95, SW95a, SCD002, UZO9, WSM+95, WLPL95, Ano96m, ACDG02, BM98, FGB+19, CDM98, DGV08].

refactored [CFRPC+18].

Refactoring [YM13, AI 12, AMdLM17, BDO11, BDD+15, KS19, MGM16, MSK+17, MCA18, O008, PCFRP19, SGMHJ13, SAN+17, TVMS18, TC10, TC11, VM13].

refactorings
[CCHW09, CFM$^+$16, FTSC12, dOFB$^+$19].
Reference [ZMK12, AF16, AG08, BGH03, Ber03, CCHT09, GLJ00, GAKF13, KSKP11, NSFMI11, PPG$^+$13, SL02, WWLG13].

referred [PTK00]. References [CCG01, Gla90f, HY00].

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


Regression [BT97, FWD97, Gul96, KGH$^+$96, MTON94, AAB19, BFV04, HPH12, JIS03, JK12, JKL19, LXG10, LQLW12, LNTS19, MBB01, MA10, MN19, MDR06, NHIC13, RB16, SD16b, SA06, mSGFtL05, SSP17, TCC18, WXY$^+$17, YLCZ16].

regression-based [TTC18]. regular [CK02a, PC02]. regulations [HL11]. regulatory [MOH16]. Reformer [Rei90b, Zuc90b, Zuc90a]. reinforcement [FMPS16]. rejuvenation [ACW10, OD10, PK02a, SW10, SPTM15].

rekeying [SA11, HL09]. related [CPD$^+$18, CGSR06, HH08a, JNY84, JK12, LRB$^+$19, Lut96, MS16, SCL13, TLZ$^+$16, WCC13, ZM18]. relatedness [LBX12].

Relation [CPX16, BCD$^+$18, HSL14, JKWL09, LC08, MC01, vdRBsvV10]. relation-based [LC08]. Relational [Bra96, JN84, Pop92, SKS96, Uck91, AJCM08, BGTc18, BL11, CDOP15, HMP99, JK13, LLC$^+$09, LKL$^+$11, MLGA11, Phi05, Sbz13, TH02, VGM13]. Relations [MSI90, HN17, JE02a, SZPMK04, TSRC18, ZKL$^+$09]. Relationship [BTT84, CH94, JN84, JP94, MR84, Sak84, BDD$^+$15, BGH$^+$08, CTKT13, Cha06, CPW98, Eri92, FHL$^+$15, Gla89i, HZ79].

IBAH12, JNY84, JH01, Kuo94, LLK05, OBS$^+$18, VLL18, YLC08, ZCC$^+$19].

Relationships [Do97, HB83, BVN07, BWDp00, CHN19b, CC06, CGSR06, GD12, GMGTdFR14, JLZ$^+$19, LLL17a, MER17, PPM14, PSZ17, RB99, VAJ18, YL09, vAAJ16]. Relative [HS95, MK90, YHHR03].

Relatedness [ZMK12, AF16, AG08, BGH03, Ber03, CCHT09, GLJ00, GAKF13, KSKP11, NSFMI11, PPG$^+$13, SL02, WWLG13].

Relatedness [ZMK12, AF16, AG08, BGH03, Ber03, CCHT09, GLJ00, GAKF13, KSKP11, NSFMI11, PPG$^+$13, SL02, WWLG13].

remedies [BCW05, CA89]. remedy [WS13]. reminder [TBSvdW18]. ReMinds [VRG$^+$16]. Remote [ZM96, CJT01, HSL14, IB11, Shu03, YSL$^+$10]. remotely [LJMJ96].

Rendering [SF92, KA14, SNND19]. Renderex [AS17]. Rendezvous
[DS92, WNHM86]. renewal [Vis99b].
renovation [DNAM05]. reordering
[TXLC12]. repackaging [KT919]. repair
[JACK+17, MM19, MJ19, WMW+19, ZM18].
repeatability [CC02a]. Repeated [AB90].
Repeating [SB17b]. repercussions [FM08].
Repetitive [Hat99, HLWC04].
replacement [BHVR18, CE8, LSAC01].
replanning [GRT13]. replay
[GMB+09, WX+17]. replica [DHC+11].
replicated [GY00, CWC04, EBC10, GV10, 
KM89, MSA08, OFW07, RZ+18, SKZ+04, 
SHN14, VM00, Vis99a]. Replication
[HJS91, MJ18, ACB18, BDPRC18, BMB19, 
CdS18, CK00b, HSC15, MK08, OCC12, 
WZJ01, Zh16]. report
[ADZ+09, FIBRGL05, GL91b, Got90, 
LG03, McD02, SAH12, SAKZ15, WKC12, 
WKbS17, WK11, WB15, Sch81]. Reported
[AMN15]. reporting [KP10, OKMD12]. Reports
[AH81, HCY19, LYLC16, ULS19].
Repositories
[Fou95, CCD+04, KGM06, LPM15, SAH12, 
SGMJJ13, TLA18, TH02, VM+08].
Repository
[BV18, CBC+15, Har04, RvDV17, Zhu00].
repository-based [CBC+15].
Representation
[BBC+88, MR38, Pop92, Uck91, CCK02, 
CL04a, Gur01, HRZ06, LC00, LLI+09, 
OAdLC07, SB17b, WCCL09, XLX+19].
representations [KC98]. representative
[CSM15, LT+15, OS+18]. representing
[SCS15, XLM+15]. Reproducing [HCY19].
repudiation [KWME99]. reputation
[KB16, TTC18]. request
[CLO10, CLG08, JLZ+19, HJ01]. requests
[CDMdmSNA16, DR12, HYA11, JLC04, 
KK11, LHG+18, LMPM18, LKL05].
Required [HH97, ABL16, FSGY17].
Requirement [MD16, PLGT10, XSS06, 
CCK02, CJKC09, KSS03, KV05].
Requirement-based [PLGT10].

Requirement-driven [MD16].

Requirements
[AM81, AB90, ABB15, AHA19, ANB93, 
CL95, CBVD07, CNMR18, Del92, DF84, 
GMP94, Gun95, HHK94, HKvVvdV07, 
JP94, Lam97, Lan98a, Liu93, LZLC17, 
MvS95, San93, Wal91, WPL+18, ASS07, 
AVGM19, AS17, AG919, BKS15, BHB+05, 
BS09, Ber95, Ber02, BCV06, BHL00, 
CMT02, CK12, CRE+13, CFA+19, 
DvdVA+13, Dan17, Dav95, DB06, EK00, 
EBB09, EGM+11, EUR+13, FM08, FCSM09, 
FSG+11, FF89, GSM15, Gl00k, GKV14, 
HBR19, HJP15, HRN+01, JOZ03, JKWL09, 
JTW98, JC10, KKP06, KPS08, KMW12, 
KMKY07, LKJR10a, LKJR10b, LHG+18, 
Liu98, LSV+06, Lut96, LM03, MB09, 
MPTT14, MVS18, MF10, MPLL+15, 
MK13, Mou00, NDM08, OK18, OWG19, 
PG12, PD16, PL006, PM15, RDPM19, 
RO13a, Rav81, Rey07, RM19b, RH+18, 
SCMS15, SA14, SJ+11, SPL17, 
dSVV11, SPMK04, SMK+18, SG01].
requirements
[SRBT18, SPZ06, TKP+18, TL09a, 
UGFK15, VBA+15, VCM17, WL16, 
XYCL17, XZAR06, YK+05, YFT+15, 
ZTCL16, ZJDB02, ZHL11, dSdMSN0+14, 
dBvV09, DMP14, FFEW17].
requirements-uncertainty [Mou00].
resampling [MA08]. Res Tradable
[CCSC01]. Res Tradable-Group-SCAN
[CCSC01]. Research
[ACS13, BKW10, KSW93, MRW+94, 
RGV04, RA91, SB88, Wei97, We01, 
Aona87, Aoni3a, AS16, BP13, BPSK18, 
CC80a, CB+14, DDP14, DFG+13, Fug99, 
Gl86, Ga91g, Gl95i, JDSL16, KGB11, 
LCM+13, Man16, dONTF+19, PTRW04, 
PKB09, RST98, RPT19, Sai98, SF14, 
Tan00, TTM19, VHFST15, WD07,Wie14, 
WDMR99, KS19, MD89, VCB+18].
Researcher [HCY19]. Researchers
[Hen88, Gl95g, VEM+01]. researches
ReSeer [WXZ+17]. Resemblance [ZHH+17]. resequencing [Kar98, Kar00]. reservation [ZWC+19]. reserved [Ng99]. reside [GXZ+19]. residence [GXZ+19]. residual [LWL09]. Resilience [MvS95, PDL+16]. resilient [KPS10, MMSD13, TC06, YKC+12, YLZ+16]. resistant [HCC+10b]. resolution [DBCdP11, DK15a, KPSK09, KHC16, ZWX+08, Zwei09]. Resolving [CA87b, CA87a, KRHˇZ05, LKL02, Lin01, MKS+18, KMM89]. Resource [AD14, BB81, Cho95, Coo90, CDPM17, FMP86, KMSMD08, KK11, KSH05, LYC04, LRS+07, LCLL07, Sch81, SG89, Zha08, ZCT+09, ZRS7, Zhu04c, ACRD19, AM04, AK15, BHAM09, BV15, BK17, CLY17, CYT16, DXPY03, DM17b, ES14, GP05, GGS+19, GGB19, GHBD+16, GWW+11, HSM+07, HNH15, jHjW08, HLW+15, HC01b, HL06a, HLWS13, KP07, LK09, LBS+07, Len97, LSH09, LZ06, MCC+18, MA09, MK06, MAS13, NEM17, NK15, SRDLC09, SWES16, TY18, TLW07, THWC10, WDC08, WDC12, WAO12, ZWC+19, Zhu04a, ILSN18, vV10, vdSJK+07]. resource-allocation [Leu97]. resource-constrained [KP07]. Resource-Deadlock [Coo90]. Resource-oriented [KSH05]. resource-restricted [NEM17]. resourceful [GH02]. Resources [Hac86a, Hac93, AH10, JSL16, MSAH16, SCO13, Sko14, ZWX+08, Zhu06]. respectable [NER01]. Responding [DG92]. Response [BP86, BT97, KMM89, KU91b, Zuc90a, DMQ07, EGG+11, MMTS15, Mur99]. Response-Time [BP86, EGG+11, MMTS15]. Responses [LIC92]. Responsibility [Col92, HHSR94, KP10, MJ14]. Responsible [FK92]. REST [AK15, CPDM16]. restoration [RW00, VVS99, WC02]. restoring [CL06a, WCH03]. Restricted [BS86, NEM17]. restrictive [CZL07, HH08b]. restructure [KB98]. Restructuring [HL83, Lee07, LZN04, LXZ06, TL89]. Results [AH90, AM94, CBOR88, DL06, Gla90a, JKC19, La97c, LL15, MRT17, APT+12, BPSK18, JDSL16, LGLL12, PKL03, PKB09, DM07, TGE17]. retailing [CDS02]. retargeted [CWK+11]. Retest [LNTS19]. Retrieval [Ow096, BW06, CC04, CL08, CL1C96, CK00a, Fra04, GPL+15, HDLK00, KCV+19, KCB05, KYPW06, KY08, LC00, LK01, LZ06, MCC+08, MCC02, MCC11, Par00, PWH06, PHN08, PB00, Pon05, nQYD11, RH06, RjHHK08, ST13, UCLIS94, YL09, ZL04]. Retrieve [GB95, Zhu04d]. retrieving [YY04]. Retrospect [Wic92, REF+07]. Retrospective [Gar13, LPS02]. retrospectives [LMIV15]. Reusability [PAB+17, AKKS11, GMGT4FR14, GS07, PDS19, SOS+18]. Reusable [DHL93, Gom95, RBT11, WH91b, BM98, DF00, Fra04, KTT+17, LK09, LMN10, NOPF12, RS98, SSA17, SGC+17, SHS16, SPZ06]. Reuse [DHL93, FF95, Hen95, Lam97, MRW+94, PP94, SS17, SCK95, TL96, TDB97, WRW93, WLPJ95, ZSG93, dAK18, Ano95h, BKS15, BV16, BH02, BK95, CDM98, CBS00, EL10, ESRF19, FK01, FS01, Gla98e, His98, ICSK14, KCAS13, LH98, LOFA17, LdSBA+08, Lut00, MB17, NR04, OAC11, PDS19, PK10b, RS98, Sul00, WD99, ZS95, Zhu06]. Reuse-Oriented [TDB97]. ReuseTool [OAC11]. Reusing [BMSB94, FB18, SJ17, MAH18, MSGM17, SBB+16]. Revealing [GGM11, Wil03]. revenue [Oja16a, TYH04]. reversal [ULN06]. Reverse [BCD92, MAGC+17, SSSA17, WCV+98, ADZ+09, Ano96m, BCR+19, BM00b, LHLG+15, vdB05]. reversibility [KC09]. Reversible [CL06b, CSS+13, FF12, HCS09, OLZN13,
Routing [Ha'c94, MWH97, AN01, AM04, BHAM09, BCLW11, CSW10, CWR10, CW12, DBCDp11, JXLC15, Kar98, KSAOK04, KRC00, KPSK09, MHW01, MDO+10, MT10, NNVD17, Pa12, TTC04, WGY+08, YH19, YSK06]. Routinized [IS03a]. row [LWHS05]. RSA [BBBP13, CWR+13, KKH01, SW+09, ZM12]. RSA-based [ZM12]. RSES [LLCL08]. RSU [ACL13, ACSC16]. RTCOM [DGL+08]. Rule [MP95, SZPMKO4, UW95, VKL16, Fic89, GH04, Moo98, NBR+13, PWA+19, QLBS17, ROFGFMR13, Zhu00]. Rule-based [VKL16]. Rule-Based [MP95, SZPMKO4, Fic89, Moo98, ROFGFMR13, Zhu00]. Rules [EVa83, LET91, CDCR+16, DPSU06, HWM02, Hs91b, LcLSW06, LcLS+09, PS1+14, SDB18, TLGE18, YHHR03, ZKL+09]. Run [BFR96, LF91, SHBA+16, Bak98, HH00, JZL07, MM00b, SM00, LSN18]. Run-time [BFR96, LF91, Bak98, HH00, JZL07, MM00b, SM00]. Runaways [GLA98]. running [DZW+09, Li11]. runs [LZY+15]. Runtime [BS03, KGG18, ASV+16, ADET12, CLX+04, LRO91, NTT19, OM13, PJT+17, QOLG16, RGV+17, SB17a, SHC+11, USLC01, VRG+16, WLL19a, WLL19b, YH+09, YGN+16, dRSBA13]. Rust [KTK19]. Rust/Node.js/WebAssembly [KTK19].
scenarios
[BJ03, BRS10, JS13, KCV11, MSHG18, RRD06, SSF15, TSA08, WPP+09, dMCR19].
Scented [GPD+19]. schedulability [BL19, FBD+18, Kim17, LS14, LHSHK06, SLS08].
Schedule [AH90, YY04]. schedule-based [YY04]. scheduler [AR18, FSPH+16].
schedulers [HN17, LFCL12]. Scheduling [CZ91, DK97, Ker92, LYL+15, LG05b, LHY17, FGBC10, GH04, GBC16, HyLW+12, HTK00, HZG+12, HYA11, HCY04, HHI, KC16, Kart01, KSN17, KCS01, Kim17, KC11, LL00, LCO5, LESL11, LS14, LCLS16, LS17b, LFO08, LWC+18, LJM11, LKL05, LHSHK06, MM00, MMZ+16, MCKA18, MK15b, OW04, PK10a, PNK96, PK10a, RFM10, RXY+19, RSBA19, ROFGFRM13, SRS15, SBZ+17, SLW+15, dSSJ08, SA05, TKJ113, TKJ15, TdCAF16, TCI6b, TSSD09, TSH00, WW00, WWL+10, WMWZ12, WX10, WC11, WCB+17, Yoo09, wZG13, wZGf14a, wZGf14b, ZW15, ZCC+17, ZHGL11, ZGSH13, ZK09, doCS13].
Schedulings [BAH96]. Schema [Sak84, KSKP11, NTRN11]. schemas [CT09, DZW+09, OT17, RB99]. Scheme [CT97, TC93, Wn03, Aba06, BCW05, BMS11, BCL+18, CCO9a, CBS16, CCCC01, CL06a, CL06b, CPW09, CL111, CNL13, CH10a, CTT11a, CW14, CTT01, CK00b, CHL+08, CW09, CE08, CDZ07, FWCS12, FWT05, GJ13, HSPD14, HWW01, HH06, HLW13b, HCO4b, HHL06, HY95, HLL01b, HCC10b, IB11, JC08, JW06, KBD09, KO09, KKL011, LC10, LSR13, LLCL08, LHXZ12, LH11b, Lni12b, LWC13, LCC+13, LWL+16, LJM11, LW13a, LWL09, LTW16, LY18, MV05, MV06, MK06, MKS+18, MIUM12, NNVD17, PTTM08, Pen11, RPSL10, SKZ+04, Sha05, SCL07, Sha07, Sha09, msGFiL05, Shi10, SH98, SGBCP12, SV12, SYX11, TK14, TW07, TLL13, TLL12, TH02, UUN11, VHL14, WZJ10, WL05, WF07, WCLL09, WWYZ11, yWPNyL11, WLH13, WYCC13, WCC+14, WZ11, WHG01, WH02, WH03, WL09, WLT+09, WKH11, WOLS12, WS13, WOC15, XY02, YTH04, YWTT11, YC11, YCC16, YCO8b, ZC05]. scheme [ZM12, ZADM10]. Schemes [TL05, AQK11, CWH00, DDD14, DR12, Gl99d, GPM08, HKY01, KTK01, KM04, LU06, LZG07, LWC+18, LHYZ12, NsL00, OD10, PSH06, PCHW12, Rom98, ST05, VM00, WMWZ12, WYL06, YZG+13, ZT14, OS09].
Scholar [Wn10]. Scholars [Gla96a, CL14, Gl94a, Gl97a, Gl97]. Gl98b, Gl99a, Gl00c, Gl00d, GC01, GC02, GC03, GC05, KLA+19, TCO06, WTG+08, WTG+09, WTG+11].
Science [CA87b, FM90b, Gl92a, KMMD09, LIC92, TLP95, CC02a, CA87a, CA89, CA90, Fle95, Gl98c, Gl97e, HC18, KMM89, LBlSL18, RGV04, SZZ06, Sta02, VB99, ZL06, Zwe90].
Scientific [Keli5, KSW93, LC06a, Rei90a, ALP16, DFJ19, GEL15a, ROb09, LNW+11, Rya13, SBS13, ZL13]. scientist [Gl96c].
Scientists [LIC92, HG18]. SCOOP [MNW12]. Scope [MB17, AKL14].
Scope-aided [MB17]. scoped [LMV09]. scopes [CL+19]. scoping [DFG+19, dSDSNO+14]. Score [GCSAdd11]. scores [Hus01, SA18].
[Gla96g].  Search [AWSE19, BWM06, CCH09, CVGP13, KOL+14, OO08, AAM00, APT+12, BL11, CCI11, CLI99, ECRVMS11, FLA+01, Gla95e, GZS+18, HNH15, HG18, JC15, JRSN10, KAU16, LM15, LC00, LHLG+15, MFTP18, MCV16, MGM16, MSGM17, ND18, PM99, PMDH13, PWA+19, RRV19, RSBA19, SS15, SBA97, SED16, WHY+12, WAG15, WXZ+17, YZ08, ZK04a, ZC08, ZGL+10, HLS+13, HC15]. Search-based [AWSE19, KOL+14, O’O08, HNH15, LHLG+15, MFTP18, RRV19, RSBA19, WXZ+17, ZC08]. search-centric [CCY11]. Search-order [CCH09]. search-order-coding [PMDH13]. searchable [KTT+17, RPSL10]. searches [An91c, Gla91i, PTK00]. Searching [Tan96, TPN+09, Mus03, TBC+16, ZXG10]. Secondary [Kus90, WK88]. secrecy [Tse07]. Secret [CT07]. SEI [BT05]. SEKE’01 [VE03]. SEL [RV92]. select [WHYT06]. Selected [DHKV06, LH12, Sa90, Bor12]. Selecting [CCD+04, DF00, MS97, RSB+14, WDS09, LMPM18, OZK97]. Selection [AHC+11, CL97, DA86, Fra90, Joh10, LH90, MMS92, Pas96, AM10a, BBW+18, CPR13, EFSJ08, GPM13, GWW+11, HJ12, JS11, JKL19, KNA11, KLC02, LXG09, LQWL12, LT+15, LWZ+16, LNTS19, Loo05, MBB11, MK08, MSA08, MK15a, MB17, MIKG13, MAC17, NDM80, NCW+19, OZO+14, PB15, PMB15, RAK15, SM00, SSP17, TCK14, TC16a, VJB06, WHL90, WQJZ10, WGC+14, WCX15, WXY+17, WH15, XSS+19, Zha12b, MG10]. selective [LL13]. selectivity [HLW08]. Self [ABB15, BJG11, BBD18, BM17, CHL17, EK12, GBH+16, HWR17, JS16, PCY12, SRT+12, Sha07, ARS17, BSK+18, BD08, CCL+16, CV16a, CWH00, CPYZ14, CG12, CT16a, DWC17, FCB+16, GSP+19, HPT07, HGP+12, HM16, KKG+12, LLLZ+19, LHC95, LLLZ06a, LNZ06b, LDS+19, MBM+09, MIKG13, OS09, OLV15, OKMD12, PPS12, PCCB+11, PNL07, RO13a, RPSL10, RRC07, Rya13, SZ11, SLZ12, ST07, SZZ06, SHT05, UUN11, VB09, VHF02, WV11, WPP+09, YFT+15, JRB+06, YKC+12]. security-engineering [VHF02]. SEED [KPP12]. Seeding [HOT97]. Seeing [GW10]. seek [CCSC07]. seek-optimizing [CCSC07]. Seeking [KJ01]. seem [Gla96g]. segment [WGW+09]. segmentation [HHC12, KSRD10, ST11]. Segmented [ACGS+08, CGS08]. Segmenting [VHF02]. SEED [KKP12]. Seeding [HOT97]. Seeing [GW10]. seek [CCSC07]. seek-optimizing [CCSC07]. Seeking [KJ01]. seem [Gla96g]. segment [WGW+09]. segmentation [HHC12, KSRD10, ST11]. Segmented [ACGS+08, CGS08]. Segmenting [VHF02]. SEED [KKP12]. Seeding [HOT97]. Seeing [GW10]. seek [CCSC07]. seek-optimizing [CCSC07]. Seeking [KJ01]. seem [Gla96g]. segment [WGW+09].
Self-adapting [BJG11, HGP +12].

Self-Adaptive
[ABB15, CHLW17, HWR17, ARS17, BSK +18, KKG +12, LZR16, PPMM12, QXYL16, SB17a, TJJ +18, WMAS12, XYP +18].


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, Poo06, RvD17, VM93, XLM +15, Zho06, MPG +08, BDO11, BKS13, BKSM14, BFPAGS +08, GMLSF +15, GPL +15, KKL12, LPP15, LZ06, LBX12, MTF14, O’B08, OCCN89, RHRC13, ST13, She89, TJP15, Zho04d, dBvV08, AV04, AV08, DJW08, EZRK16, KM17, KR14, LICA09, TTM13, VGM13, ZL10].

semantic-based [GPL +15, LZ06].

semantic-preserving [BKSM13, BKS14].

semantic-web [RHRC13]. semantically
[CdR +14]. Semantics [HM96, MOD +19, MP95, BCF18, Clc16, GKV14, GHKR04, KNYS09, KZDX09, LK05, LLLK12, SK18, YBE17, ZC06, Zha16, ZL06].

Semantics-based [MOD +19]. Semaphore
[NM93]. Semi [HZ15, BSG +18].

CdCMdMSNdA16, GvH +18, KBHG17, OGRJ +18, PPS12, SPLW17, VA08, XB19a].

semi-automated
[BSG +18, CdCMdMSNdA16, SPLW17].

Semi-automatic [HZ15, GvH +18, KBHG17, OGRJ +18, PPS12, VA08].

semi-partitioned [XB19a].

semiconductor [AT18]. Seminar [FM90b].

Sender [HJ90a]. Sender-Initiated [HJ90a].

senior [ABG02, CC11, FHT07]. sense
[OFR +12, RMD11]. sense-and-react
[RMD11]. sensed [LJ96]. sensing
[CMK +11, CRKH11, Chr16, FF12, HSL14].

sensitive
[FSGL12, SG16, WQZ10, Zha12a].

Sensitivity [Eva83, BRC09, LHC +05, LWW +10, LTM16, XH08].

Sensor
[DFCPF15, AN10, Bar15, BRZ +12, BLM +08, BK11, CBS16, CLY14, CFN07, CLF +13, DBCdP11, FS06, HWHT11, HSS10, JLYK09, KPSK09, LCC10, LT11, LK11, LWOY16, LWW +16, LWC +18, LHP +09, LHP +10, MLKL11, MBM +09, MC10, MT10, MKR04, NAK10, NNVD17, SMS11, SGBK12, TAF +17, TL07, TL09b, YH19, ZCT +09, CD13].

sensor-based
[CLF +13]. Sentiment
[UHS19, IZ18].

SentiStrength [IZ18]. SentiStrength-SE
[IZ18]. separability [XY02]. separate
[ADTZ12, DRec01]. separated [PCC02].

separation
[CCF +04, LWW04]. SEProf
[TG12].

SEPS [LAH97]. Sequence
[LG10, CJ13, CZC +18, CZH +08, HHH13, HDKL00, WLC13a, WGZ +12]. Sequences
[MTW97, LK13, LZZ +06, MZ +10, Pra18, YZ +18, ZJ +10].

Sequencing
[HL83, LCCH02].

Sequential
[AQ90, Sch91, HWL13a, HHK13, JFC08, LAH +16, SJC13, VH89, KLNS07].

Serfs
[Sri07]. serialization
[LL00]. series
[AGC13, KYPW06, LKL04, LNY +11, SB17b, SKF17]. serious [GSM15]. Server
[Won93, WNHM86, ABW07, BHAM09, BLM10, CDD00, hChSc1L10, CPL +04, EB17, Glu97, HLO1, HY19, HCOa4, HWML11, MAS13, NXS00, OFWP07, SKZ +04, SMS94, SLLY17, THWC10, TCM16, TLL12, YSO4].

servers
[AKP04, CDC09, HHO5, MA09, OFWP07, SM03, TY04, ZG97].

Service
[AM15, CNG16, CBC +15, DST +04, EMSU11,
HBG, LS97, MPG, Nit98, RV91, RV92, AJG, AT09, AA18, APM, AM10a, AK15, BBD18, BM14, BMMK15, BZ14, BDBLP15, BVV, CT00, CFN10, CDPM17, CGPT14, DGV, DVV, DSY, DYC19,DTV09, DLW, FYCL13, FMP09, FSG, GML05, GS17, GLDL13, GMCC13, HBG, HWLM11, IYS13, JQ10, KPTV09, KDS, KUK07, KMK17, KKK04, LPR04, LMN10, LPM15, LT09, LQW12, LFY, LLZ14, LLWL14, LGL08, LVPMPCLS13, LYT18, LGZ15, LGZ, MS17b, MG107, MS12, OLV15, OCCI12, PK02b, PSS11, Pot13, PN04, RAS14, RBW18, RT07, SW10, SKZ, SGBT13, aSRS, TG17, TAYH04, TSCB19, TDK, TDL, UZ09, WVT, WCX15, WXY, WNC17, WBBK18, WWY12, WJ14, XYL17, YMM, YM17, YZ05, YGH, ZTCZ16, ZWM.

service

[ZMN05, ZHGL11, ZHAY12, ZG07, dVRB13, BBEM11, CFFT08, LWISH19, MPRS14, OL15, SSM, VW14, YDG, ZS05a]. service-oriented

[AM15, CGPT14, GMCC13, JQ10, Pot13, WXY, dVRB13]. Services

[Gas96, LP07, RV91, RV92, AM10a, CDEV08, CL05, CCH14, CC08b, CH10b, CMS04, FdIP08, GP11, GPSS, JCC05, JRB06, JSB09, KTT, KSH09, LRO19, LKL, LZO, LXL, LNFAG, MGB16, MCTM11, MSA08, Oja16b, PSH06, PWS, PCG, PHBJ16, PLN07, RHL, SRGL08, SFMB16, SKK18a, SCO13, SBB98, SF17, TTM13, TTC18, TSPH06, VPL, WZJ01, Wan19, XPBC11, YDGB, YAT11, ZP05, Zha09, ZMK12, MPST06, ZLO4]. services-based [SRGL08].

[HLT09, SHBC19]. Set [CL97, FM93, ML95, SV94, DW11, LWL, SW09, SKW06, VSVV16, VL94, WHMP99, Wu11]. set-

[VL94]. Sets [BCFG86, LV8+93, MPST06, SS07, SSC08, TXC19, WDS09]. Setting

[An086d, Le08, NI13, CW02]. settings

[Fra07]. SETZ [TTL]. Seven

[Boe83, Sta93a]. Several

[WSD81, JE02b, YL06, ZT14]. severity

[SA18, ZCY16]. SF-PMIPv6 [CL13].

SGEES [LZ15]. SGML [MGH97].

Shades [JBSL12]. Shamin [UUN11].

Shannon [AMS10]. Shape

[KYPW06, RITF, HDLK, LK01]. Shape-based [KYPW06]. shapes

[ZERO00]. share [HH17, LMWM18].

Shared

[BW95, Ha86a, AHW10, CN04, GAW92, ISS98, Kar00, LF91, LUS00, SBZ17, SMU98, USLC01, WDC08, Xia13, YYS16].

shared-memory [Kar00, LF91].

shared-resources [AHW10]. Sharetouch

[TCC11]. Sharing [CT97, FMP86, Sh91, TCC02, AAAC07, CT11b, Ch13, CLH, CW14, EA11, FWT05, GKK19, GIW13, HHH10, HLC99, INS00, LT13, LSH09, LUS, LJA, LyWSZ10, LT04, LH08, LHYZ12, MQG17, DM07, SSA08, TNK, U11, U11N, WHYT06, WKH11, WS12, WOLS12, WS13, YWEL, YCC11, YCC16, XG10]. shelf [AHC11].

shift [Sta03]. shifting

[CSS13, HC10, HTH13, WLC13]. Short

[Sca88, LHZX12, San16, THS12]. Shortcut

[Tho06]. Shortening [LZ16]. Shorter

[PPB16, ED06, LMT16]. Should

[SW09, ED04, FFDAG, JLLZ, KM13, ZZ16, Gla99]. showcase [CMK11].

showing [RB89]. SHT [PDBD18].

shuffling [Pen11]. Side

[KKP12, CL06b, MS08, XNP07, ZGZ13]. side-channel [ZGZ13]. side-effect

[XNP07]. side-match [CL06b]. SigDAQ

[PK02c]. sighting [Ber02]. Signal [CWT10].
signaled [SSK98]. signature
[BCW05, BMS11, CC09a, CWH00, CJT04, FWCS12, HWW01, HC04b, HYWS11, KBD09, LH01a, LHZ12, Sha05, SCL07, Sha07, Sha09, Shi10, SV12, SLLL12, SHT05, SXYM11, WC07, WH03, WYL06, XY02, YTH04, YKC12, ZC05, ZM12].
signature-based [SLLL12]. signatures
[CSZ07, GMS11, HRL09, HH08b, JLI04, PPN16, THS12, YZ15]. signcryption
[HS11b]. signer [CJT04]. signer-verified [CJT04]. signers [HWW01, YTH04].
significance [FMG08, Mi04, SK02].
significant [MSGM17, Wu11, YHR03].
Sign [vV13]. silver [Ano87d, SBA17].
Sim [SSP+15]. SIMD [AT97]. SimFuzz
[ZZL12]. similar
[ASMM18, TPNI09, XHH99]. similarities
[ILZ19]. Similarity
[HDLL00, ML11, Owo96, CH07b, DII17, KCB05, YLe10, LBX12, LQC14, MRR17, PXT13, ZLL12, dBV09]. SIMPARC
[BAH96]. Simple
[KK81, ZR87, vD93, Ayr04, CCW02b, HL01, HLO1b, Kor99a, MT10]. simplex [PS14].
Simplification
[OT17, CL17a, CHT09]. Simplified
[BK92, MR83, RRT01].
Simulated
[Ree85, CM18, MK15b, PH06, TVA04].
Simulating
[GHK05, MWH98, TB00, BMES04, CS01].
Simulation
[AH90, BP86, Chr99, HWLM11, Kar94, LG97, Mer87, RW01, Rey80, SW93, WSN92, WNSC96, AH88, APW14, AWSE19, BGG10, CB200, C13, CXO15, Chn97, CHL13, CFN07, DB95, DIO11b, DL09, ED04, ED06, ELK06, FCSM09, GW01, HRN1, HFC1, HMC01, HMC98, KMR99, KSN17, mJKME01, LK09, LLV10, MR01, NKJ09, PB11, PWCC01, PKR01, RV099, RK00, RCL99, SCGL18, Sca99, SMS11, SLW15, SLC00, SP08, SG01, Uzz13, VKL16, ZK04b, LAH97]. Simulation-based
[AH90, HWLM11, AH88, AWSE19]. simulations
[CT14, DPP16]. simulator [DI01a, LSc04]. Simulators
[BAH96, dOCS13]. Simulink
[HBT16, ZC08]. Simultaneous
[ASZV11]. since [GPD19]. Singapore
[LC06b, PC98a, PC98b]. Single
[AH93, Sta08, ARMC16, ABW07, MDFG08, URG10, VLR04, WGG10]. single-company
[MDFG08]. single-link [WGG10].
Single-Project
[AH93]. singular [VZ14]. singular [WXZ14]. sink
[CBS16]. SIP
[ChSyCw10, GF11, HBG14]. SIP-based
[GF11, HBG14]. Sirius
[TPGd13]. SIT
[QXYL16]. site
[CT08, Pon06]. sites
[CdR14, FG15]. situation
[YGH18]. situation-aware
[YGH18]. Situational
[ANH07, LK16]. situations
[HCL10]. Six
[SM7, MVSG18]. Size
[Bow84, Luk96, AP09, ASM15, CGMPA08, DW11, HTO97, HRZ06, HH06, HK01, KPG07, MCC03, MCM05, RSGH12, SHBC19, WL10, WHMP99]. sized
[dSdMNS14]. Sizing
[BC91, Rei90a, VT87, Ber88]. skewed
[SC07]. skies
[Gla00]. skills
[CSNS05, MG04]. Skyline
[LL14, JHYK10, YZ14]. SL-trees
[BF96]. SLA
[LS05a, WZ14]. SLA-aware
[WZJ14]. slacking
[SUS04]. Slantlet
[TK14]. SLAs
[DTV09]. Slice
[Hsi91b, Hu96, MLD14]. Slice-based
[MLD14]. slices
[JG08, JJC14, WQ06]. Slicing
[BL98, KL90, HB03, Kam95, Kri06, MKM10, MM06, PB11, QBO14, aSRZ18, YBE17, ZS16]. sliding
[DS12, ND13]. slot
[SRS15]. slower
[P06]. slowly
[FR14a]. SM
[L03]. SMACK
[TDW14]. Small
[DLG96, Eva97, HH97, RZ94, AT18, BdMSNO17, DY15, HB013, Jor14, LMYMGT08, PPG10, SS07, SCSL08, VA17, dSdMNS14]. Small-Scale
[HH97].
small-to-medium [AV17]. Smart
[WSQM05, AMCC14, AKA+15, CFL+18, GGB19, HCC10b, KKP12, LLL06, PBM19, Sko14, YSL+10, WHN+01, GSN+15, BBC+08, HWD+15, LZL+15, PCG+14].
Smart-Cards [BBC+08]. SmartTutor
[CHZY03]. SMCD [EA14]. Smec
[YNDS88]. smear [HHC12]. smell
[SRJL+18]. Smells
[KG18, FLRT19, GP+19, KHW19, LS07, OKS+15, SS18, WFF18, YC13, FFWE17].
Smerfs [FSR88]. SMEs [CO12]. SMIL
[CH05]. SMIL2.0 [YWT07]. SMILI
[KMM92]. smooth [Gla00n, GRT13, YC11].
smoothing [Ng99, WQJZ10]. smoothness
[LBCL10]. SMP [HL01]. SMPClass
[DCH02]. SMS [PSD+13, SC14]. SMS4
[LGW09]. SMSCrypto [PSD+13]. snapshot
[KMS04]. Snooping [BW95].
Snort [WHC07]. snowballing [DVPY+19].
SOA [PZ15]. SOAP [DZ05]. SoC
[CTL10, KPT09]. Social
[AZX14, BV18, GMGTdFR14, Woh16, AGBD14, CDr+14, DJW08, ECRVMS11, HY11, JLY14, KA16, KB16, LS17a, PSM12, RNC14, Sko14, SRS13, SHH+15, TCC12, TPTV17, WSM15, WYN01, dVRB13, Cha17].
socially [MPS+12]. Society
[BEZ14, PMMM11]. socioc [ZCC+19].
socio-technical [ZCC+19]. sociotechnical
[BPB19]. sockets [MKMS05]. SOCKS
[OS09]. SOFL [OL99]. Sofspec [NS83].
Soft [HJP15, CFL2, KMSM08, KR08, LSE12, SLS08, WX10, ZERO00, ZW15].
SoftClass [MRW+94]. Softcost [Rei87].
Softcost-R [Rei87]. Softening [Sne83].
Softest [MS81]. SoftProcessors
[WLZ+15a]. Softw [AAH12b, WZM12a, XTXX13, wZG14a, YWEL+13]. Softw.
[BKSM14]. Software
[AM81, AAGT16, AB16, AS10, APL95, AK16, AJMP96, ACCD91, Amn91, AC16, Ano84a, Ano86d, APS+10, Ara95, AN93, AS96, AM94, Bab91, BWP16, BHO2, BGS+16, BCE10, BHXN05, BEZ14, BBF+90, BPQP+10, BF81, BdMSNO+17, BL95, BBND+18, Ber81, Ber91, BMB19, Bht90, BBC+88, BS96, BD10, BW80, Boe83, Bol97a, BST93, Bor12, BL03, Bos12, BC91, BN90, BW93, BCL12, BT97, BC94, Bro81, BHR99, BF90, Bux90, Cai98, CBT+14, CFL19, CA87b, CB89b, Car92, Cav94, CS19, CL81, Cha95, CT94, CC11, CA14, Chr91, CV95, Cio91, CVG13, CLO95, CR89, CW90, CRV94, CGD+96, Coo91, CUY90, CG05, CBOR88, CMS85, CSSW05, CGA08, CDJ+14, DS92, DGM93, DG92, DL94, Del90, Del92, DJL93, Dha95, Di87, DB86, DS85, Duv95, Dye87]. Software
[Dye93, EB14a, ESWA18, Emn91, Esk89, EL94, Eva97, Eva83, Fai85a, FS88, FM3, FM890, Fen93, FN99, FG93, FM08, FM90b, FWP93, FWD97, Fis81, FF95, FF87, FG94, Gar13, GHC91, GI95, Glaa88b, Gla89f, Glac90c, Glac90d, Glac90e, Glac91e, Glac92a, Glac92b, Glac92e, Glac93e, Glac95a, Glac96a, Glac97a, Glac97f, Glac97m, Glac99j, Glac00k, Glac00f, GC01, Goe80, Goe84, Gom89, Gom94, Gom95, GMSL+15, Gon95, GR97, GC94, Gul96, HL94a, Hag91, HO97, HM00, HBC94, Ham81, HLS+13, HC15, Har95a, HC87, Har90a, Har90b, HST16, Hen95, HL90, HG91, Het95, HD84, Hon90, HS95, HG81, Hur93, Iso95, JED18, JVP+98, Jar93, Jef87, Jef91, Jef96, JK00, JL97, JIS03, Jos83, Joy87, Joy94, KH81, KC96, KB96, KSS84, KM17, KR14, KMMG91, KMR99]. Software
[KS92, KS96, KAL97, KN97, KLY03, KR08, KT85, KPM05, KB07, KT16, KM13, KK81, KL91, KJ10, KV05, KRCK08, KCK+98, LH12, Lak97, LLM+17, Lan90, LV97, LH98, LS05, Lea95, LP95, LP00, Lee93, LM94, LKJR10a, Leu92, LH93, L99, LLLZ06a, LCCJ10, LG+17, LTT92, Lin99, LPLS87, LHP+10, Loh84, tLF89, LF96, DGV08, LN13, LdSBA+08, Mac91, MM95, ML18, MH13, MSS18, MTG92, MM92, MD02, MR80.
Mea09, ME10, Mey88b, MRW+94, Mil89, MTON94, Moh81, ML08, MP89, MB84, MP90, MDR06, MH04, MK90, Mus80, Myr90, NLS+07, NS87, NG91, OHK93, OG80, OH94, OW84, PH06, Pan81, Par00, PBC93, PdC94, Pf97, PW10, PM90b, Ph94, Phi8, PHS15, PLE92, Poo93, PC98b, Por93, Pou95, PU84a, PV06, Pu90].

Software

[PKB09, RTM19, RZ94, RVM99, RW01, RST98, RAC90, Rey80, RSBA19, RB93b, RCL99, Rus90, Sah94, Sai99, Sai09, SN91, SPTM15, dAGSdFS+15, SS17, SL80, Sch97, Sch81, Sed93, Sei89, SCL13,She94, She95, SL96, SKRB19, SCK95, Sne83, Sta10, Sta93a, SKV94, Sta83, Sta85, Sta90, Sta93b, SP94, Stu83, SB93, Sub93, SB95, SJ97, SSAS11, SB98, Tak97, TL14, Tar92, Tau80, Tau92, TSA08, TC89a, TTP97, TGB17, TR89, Tör90, TVK94, Tri86b, TKU93, TB95, UD10, VLL18, VZT17, VE03, CZC+18, VT87, VM93, WLI15a, W91, WTG+15, WLI19a, WH97, WL99, W9a90, WL10, WH91b, WSR+83, WLPL95, Woh16, WCTK12, WFW94, WF296, WH99, YN91, YND88, ZS95, Zel96, ZC97, ZP06, ZLCY06, ZJDB92, ZUC90b, dSdMSNO+14, dAK18, vDB05].

Software [vS83, vAW93, vC80, AH88, ASGJ13, AJLS10, AZvG11, AT18, AC19, AM18, AR510, APW14, APS16, AK14, AL05, ASMM18, AGC13, Am100, AKKS11, ABC+13, ABG02, AB17, An08d, An087f, An088d, An90d, An92f, AN94d, AB10, ABL15, AAA11, ACGS+08, Ati00, ACOS10, ACW10, AS16, AHC+11, AY98, ANC11, BKZ+06, BVN97, BL09, BP13, CBZ14, BW+18, BH03, BM05, BMA+13, Ba05, BM18, BK15, BNvdH05, Ban08, BCFP19, dOBW04, BCR+19, BJ03, BV16, BM89, BCDM06, BKH10, Ber03, BTV06, Ber94, BFLZ13, BCL+18, Ber98, BZ14, BLTY18, BG10, BK95, BFLP09, Bis13, BDV17, BRS+18, BS10, BDA+02, BDM+19, Bra89, BKB+07, BWDP00].

Software [BW01, BDK08, BS15, BK11, Bud00, BT05, BM00b, CX10, ÇB16, CCW+01, CC02a, CGH107, CC80a, CJH80, CcD+16, CGS19, CGP+05, CJT+16, CCM12, CdS18, CFMR11, CA87a, CA88, CA90, CTZ92, Car99, CSNS05, CdAd018, CdSdSG+18, CdCMdMNdA16, CBAY16, CGL+04, CKCK15, CCGT06, CLR18, CJ05, CC07, CCG+10, CH09, CC09b, CJMC09, CHLW17, CSS+17, CZC+18, CLB05, CH07b, CS01, CD10, CL15, CL17b, CC08c, CLL14, CNGS12, CMR19, CB50, CO12, CO08, CBV19, CKS15, CU98, CD207, CdOBT07, CM15, CPR13, CPRT16, CN00, CPV+14, Cow05, CGGR06, CGMPAP08, CNMR18, CSKB+89, CFA+19, CCOM19, DI05, DXPY03, DLW08, Dav88, DZ00, DSB05, DBO05, DC17, Den01, DRGN10, DF08, DJW08, DS04, DWC17, DNB12, DS98, DI01a, DI01b, DCT17, DL99, DD01, DGCA17, DCP12, DLW+13].

Software [DRW00, DFG+13, DNSH13, Dut15, Ebe99, Ebe07, ESM+19b, Eba13, ETM10, EBT14, ELH00, EBO0, EBRG01, ES07, EE08, EC04, EL07, EBO10, EK00, EBRK16, Eri92, EK13, FHL+18, Fai07, FKA16, FY04, FM11, FOR19, FP19, FCM09, FB+12, FK01, FdSB06, FFV19, FS17, FDFR+14, FMR15, FRG10, FCB+16, FW00, FCRF16, FPW96, Fug99, Fug03, FAI97, GAMW14, GL14, GMO05, GMMG15, GRRX01, GPP+17, GV10, GZ13, GCBCD15, GCDY16, GK18, GGT+19, GJ16, GCC16, GR05, GBH+16, GD12, GK08, Gll88, Gla86, Gla89c, Gla89g, Gla91d, Gla92d, Gla92g, Gl93h, Gla94a, Gla94d, Gl94g, Gl94b, Gl95c, Gl95b, Gl96b, Gl96h, Gl97g, Gl98b, Gl99a, Gl99b, Gl00c, Gl00d, Gl00g, Gl00i, Gl00m, GC02, GC03, GC05, GC13, G0n08,
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VM07, VM89, VK08, VMB+8, VLC+17, VB99, VVA+15, VEM+0, VBC+14, VP00, VHFS+15, VHFF+17, WPC06, WCC12, WWSZ15, WKB017, WWB09, WB12, Wei79, Wes02, WMC17, Wey99, WGS+14, WWSS13, WCV+08, WBP+03, WK00, Wil89, WHB01, WRR14, WR99, WRdMS+13, WSM15, WSQM05, WTG+08, WTG+09, WLL17, Woo80, WA012, WDN05, XLW18, XH98, XYS07, XYCL, XBI9b, XLP+97, YMM+17, YMM+19, YFZ+16, YLXZ16, YLA16b, YLA16a, YCA17, YAKK16, YHMS16, YSO2, YKC+05, YRO9, YLCZ12, ZÅ15, ZADA15, ZKa88, ZP00, ZSP01, ZML10, ZLC+14, ZCY+16, ZSC18, ZWF+18.

Software [ZFY+19, ZGYS+15, ZL07, ZLLZ+96, ZSP15, ZP17, ZS05b, Zew90, dSF12, dL13, dBvV08, dBvV03, dOZR+04, dOsdAdSG17, dRSA13, dSB12, dRTO6, fLSN18, vVT16, Ano91b, Ano95b, Bas80, BB08, CCCY17, DB86, Gl88c, Gl89f, Gl89i, Got90, IBHA12, JWT17, LAHS97, LMWM18, MA89, MP12, MMB10, NSFM11, Qu94, Shi12, TTT14, VM89, VPMV+13, WVT+14, WB10, Ano91]. Software- [MP90]. software-as-a-service [BZ14, WVT+14]. software-based[AZW07, KSAOK04]. software-dependent [Car99]. Software-Engineering [LAHS97]. software-first [Gla00]. software-intensive [AA91, FOR19, GBH+16, MAH18, dSSV11, YMM+17, YMM+19]. software-module [Leu97]. software-producing [BV16]. software/hardware [TSC04]. solid [nWsCqW12]. Solidifying [VPMV+13]. solo [Mü07]. Solution [BBG86, Chr86, Gl89c, MBCD86, RT86, CHY+05, GGS+19, HHH+10a, LQLC16, PNN+15, Th94, TBC+16, nWsCqW12, Wij03, XJZ+15]. Solutions [FN86, CJ90, FCM12, FCF16, KSDK11, KG09, MSA18, MAEL19, Rya13]. solve [DRCA+19]. solved [Ano91c, Gla91i, Gla98f]. solver [EK12]. Solving [CJT04, HCDJ08, Rod86, ADTZ12, ACH19, BRS+18, Dar02, DSSL09, EMBS17, Gl89d, KK17b, KEK04, PA99]. Some [AM94, Bro81, Gl89g, Gl90a, Gl90f, Gl91h, Gl97i, Gl97h, HL94b, IS03a, JZ05, Sah94, Wyn01, XZ94, CTV10, HHKB16, Lit80, MNO18, M09K, PK89, SHT05, WYL06, BW80, Gl94e, Gl98i, LF98]. Someone [Gla92b, Lak93]. Sonata [GBDCR12]. Sorry [Het95]. Sort [Krš91]. Sorting [Ver89, Amn89, MM01b, PS09]. sorts [Gla00f]. sound [LSR13]. Source [CR90, LTHR97, LMWM18, MP12, NVPGMP17, OHL17, Shi12, AW07, ACB18, BGH+08, BCG+14, CAHV15, CF07, C05L, CHL+19, DH09, DDGR09, DFCPS15, ESM19a, EAH+11, FMSG08, Fug03, GPT16, GW10, HNZ17, HBR91, IKBH14, KTF15, KKT17, KR14, KHMA12, KKA+19, KK17b, KL07, LAT10, LWZ+16, LWZ12, LRD+19, PAB+17, RGB06, RA16, RNR17, SMR09, SHW09, SM08, SSA08, SG12, VGSN18, WFF18, YLXZ16, YSC+06, ZQQ+06, ZEO3, ZFY+19, CFMLR11, DHKV06, GL14, KGM16, LLS11]. Sources [HSS14, CDOP15, LWZ+16, NTRNI11]. SPA [LTT+09]. Space [KA96, Zha08, BAI+14, DGRNI0, LWHS05, LO04, ML09, PM99, PA99, PW12, RKK16, THP+06, VVA+15, WHMP99, Xia13, Zht04a, Zht04c, vHJPB+17]. Space-efficient [KA96]. spaces [CGS19, GBDCR12, LO04, PN14]. Spam [PAC13, ROGFMR13]. SPAPE [BKSM14, BKSM13]. Spare [VVS99]. spark [MP+17, MK17]. spark-based [MP+17]. Sparse [CBK96, vV10]. Spatial [LY01, CC04, CL98, HSL14, HLL01a, LC00, LWHS05, Lin00, MLGA11, MC10, PC02, RVCM17, TPN+09, YWWS10, YL09]. spatio [CMCO4, Lin12a, ÚDUG04]. spatio-temporal [CMCO4, Lin12a, ÚDUG04].
spatiotemporal [KRK00, KRP02]. Spc [DB86]. SPDX [KKT17]. Special [AC19, ADMOK+10, BCEF10, BEZ14, BFLZ13, Bor12, BKW10, CCCY17, CLR18, CL81, CA14, CL11, CU98, CUY09, CGA08, Dutt15, GP10a, GH08, Har90a, LH12, LW02, LP07, MACB19, MS17a, OPS11, Sol87, TzB19, VZT17, WB19, Won10, WCTK12, YAT11, Al 12, Ano84c, Bas80, Bec86, BCDM06, BCG+13, CCM12, CdS18, DIB14, FKA16, FOR19, Goe84, GBG+09, Har88a, JNY84, JWT17, KB07, ML18, MJ19, NBM19, PBM19, PS16, Pla95, SLR16, WMAS12, WMC17, WC16, XST18, ZTPT18, dAK18, FM90b, SS17]. Specialization [LMGHB17]. Specific [DK94, KVH12, Lam97, Pou95, TM97, ACG+15, AMCC14, ARS17, CCW02a, EMBS17, GW95, HAE+15, HGMB13, JHSB09, KMK16, PC10, SKL10, SHS16, SK07, Spi01, ZGH+07, VpD13]. Specification [Ara95, Art87, BFR96, BMSB94, BBC+88, BS93, BST93, CL81, CGD+96, DA86, DR92, FdSRB06, FUr93, HL98, JVP+98, JL97, Jma96, KD91, Krä91a, Kra93, Lai97a, LL97b, LKJL01, Lin93, LF96, MIl96b, MvS95, NC96, NS83, TKU93, VP92, Wal91, WSR+83, WWY+12, YGH+08, Ano93e, BZ10, BN09, CF13, CLSC98, CL99, DBZ16, DLB04, GPHS08, GHKR04, HZO7, Jav88, KU10, LKR13, LW07, LL99, LNPAGD+06, MVSG18, MA11, Ost92, PLCC09, Rob98, RG79, SGK12, SCdS+06, sdSGdmNS+13, TFS10, VAS+04, YS02, YKCC05]. Specification-based [JVP+98, HZ07]. Specification-in-Large [Ara95]. Specifications [AM81, Arm98, Bel91, BM93a, BCFG86, Coo90, DGM93, EC98, GMM90, GMP94, JvB83, Kra91b, LF98, Lin95, LCZ98, MG81, PU84a, Ura90, Ber98, EBB09, FRF98, GA13, HCS04, HYS+04, jHjW08, JMM99, LYC04, MSB98, Nae01, OS98, OL99, PU84b, SAMN12, TC89b, WW09, YLC06, ZAO08, dIRT06]. Specificity [IZ18]. Specified [BG96, HCWN05, PRN17]. specify [ZC06]. Specifying [BCK00, Ch393, DlHJ05, KZDX09, OS87, Rec93, Smy91, ZYA+18, MGR+13]. Spectral [SMDM05]. spectrum [AZGvG09, AMAY19, BPM06, CCWT13, JJC+14, MMSD13, TXCX19, XYZ+19, ZY+17]. spectrum-based [AZGvG09, XYZ+19, ZY+17]. speed [ELK06, NS07, XPZ+10]. speeding [SWH+09, dNP18]. Speedup [BP86]. SPI [PW10, CO12, WR10]. SPI-LEAM [PW10]. SPICE [REF07]. spin [HPT07, ASmDG14]. spin-locks [HPT07]. spiral [Sai07]. spirited [HL10]. SPLC [GP10a]. splines [BFV04, ZL07]. split [HC+16]. split-and-merge [HC+16]. splitting [LWOY16, VVS99]. sponsored [FHT07]. sporadic [wZfG13, wZfG14a, wZfG14b]. Spot [LZO+16, WMOKY11]. spots [WLZ+17a]. Spotting [GHBD+16]. sprays [HHH+10a]. spread [BPM06, MMSD13]. spreading [HLWS13]. Spreadsheet [DK94, Lit90, NB93, ZRH94, CFM+16, JSHW14, KHW19, ZXC+17]. spreadsheets [LT13]. Springer [Zha08]. sprint [GRT13, FJ98, LHCT19]. spyware [CHY+05]. SQL [BG06, FGB+19, GLOM19]. SQLIA [Aba13]. squaring [LKP13]. SQUIRE [KLNS07]. SSL [JRB+06]. Stability [MGvFGCB10, SB17a]. stabilizing [BDK08]. Stack [Amm89, BKS85, CHB94, CCD19, GXZ+19, SLC00, TCSC04, ZFY+19]. Stack-based [Amm89]. Stack-Heap [BKS85]. STAD [Las90]. stage [CC05, ED04, KKK+7a, XLL+19]. stage-activity [CC05]. Stages [DLG96, BCB09, Dav88, MAAC17]. staggered [PLF05]. Stakeholder [Hoo14, BM00a, JKWL09, PG12, vdRBSvV10].
stand [DF00, ST89, SSD16]. stand-alone [DF00, ST89]. stand-up [SSD16]. Standard [BBC+88, Bow84, Sch81, AGHSS05, CC09a, GMR08, KRHZ05, MG11, Rom98, REF+07, SYXM11, WZM12a, WZM12b, YC12]. Standardization [Coh81], standardized [GS17]. Standardized [GMR08, KRHZ05, MG11, Rom98, REF+07, SXYM11, WZM12a, WZM12b, YC12]. Standards [Ano86d, Ano87f, Eng81, Fis81, Tre81, CF07, CBS00, EG00, LCM+04, Mar81]. Standby [PK02a]. Star [BV18, AADAD02, MTF14, WHYT06]. Starring [BV18]. Start [RB93a, FHL+18, SAR15]. startup [FHL+18]. started [AS10]. starting [SvV08]. Startups [ESWA18, TKP+18]. starvation [SMZC12]. State [BL98, Duv95, FN86, FG94, GAMW14, Har81, Het95, LDS+19, MDP+11, PMR16, RBM95, RW00, YHM+14, ACS13, ABL15, DCG16, DHJ05, ED06, EFSJ17, HM09, LDL07, MRY17, dONTF+19, PM09, PW09, PDBD18, SZ06, St02, TJT+18, TS89, nWsCqW12, WMAS12, Zha16, KMWL12]. state-based [LDL07, SZ06]. State-of-the-art [PMR16, St02, TJT+18]. statecharts [GHKR04, SAM17]. Stateful [HMP99]. Stateless [CL18]. Statement [BGB90, TH05]. statements [HH06, SK+18b]. States [Chr86, TS89, Duv95]. Static [ABS19, BL98, CMP85, EKV05, OMLB16, SLL+15, WG05, ANG+19, BS02, CPHL09, FP18, PDS19, PS00, SC88, SL07, SNDD19, TVK95, WMWZ12, YLC18, ZS16, Zhu06]. statically [QOLJG16]. station [HL00b]. Stationary [Mue86, MKRO14, MJZ+10, ZL17]. Statistical [Bro81, Dye93, FS88, KM091, Mil04, THL07, CLH07, CKM06, ED04, FP18, KSN17, LNY+11, Luk11, ML+14, dONTF+19, XYCL17, ZCT+11]. statistically [YAKK16]. Statistics [AH90, EC04]. Status [FGD+17, LZHS11, Mat86, Rav81, Ano95h, ZS95, GBCI11, PMMM11]. STD [Wal91, Coo81, KvV06]. Steady [FN86]. Steady-State [FN86]. steganographic [KC09, LLC10, WWTH08]. steganography [CDS07, EEAZ13, LyWSZ10, LT04, LWW+10, SI12, WKH11, WOLS12, YCYW07]. stego [KC09]. stego-image [KC09]. Stennis [SGL93]. Step [RA96, vC80, CCDD00, LYX09, SI+17, YCF+13]. Stepping [Car02]. steps [dONTF+19]. Stepwise [Ra85]. SPSR17, CDC09, SSP17]. stereo [CJ13]. stereotypes [SSMV16, SKW06]. still [LC02]. Stitch [CG12]. Stochastic [BT17, FN86, HMC01, KMMG91, KP97b, LM94, WNS92, ZW15, vD93, AC16, BHMI2, CCG+18, FCB+16, HM09, HCC91, KEK04, OH15, PACH15, SH03, BM07]. stock [KMS04]. Storage [Kus90, LLCZ13, Maz81, ZK85, BT17, CB89a, FNWL18, GCSSDP+18, GPSS+13, HLL01a, LIC03, KKL011, LMT16, LIZC14, Luk11, MCC03, MCC11, MP94, MK08, OSH+18, WK88, WCB+17, YTW+13, YYS+16, NC10]. store [DII+17, GNA17, KCR16, MQG+17, Sh17]. storefronts [CCF+04]. stories [MH12]. story [Gil88, Gla94d, Gla96d, Gla98c, Lai97d]. Strange [Gla96j]. STRAPS [Fai85a]. strategic [BCV06, SM08, UZ09, Uzz13, VLC+17, Wau19, WC99]. Strategies [Eli92, FZ93, LKL02, PMB99, Tar92, VAJ18, WR99, BMOKAM09, BPFG+08, CNL13, CXO+15, GQ12, HS15, Jor10, KLT07, mJMKEM01, KA17, L004, MLJ18, NZW05a, NSM17, Oja16a, RB16, ROFGFRM13, SD16b, SJK07, TL07, YWHL11]. Strategy [CW97, UH86, Zai88, AZ11, CTY01, HSC15, HMC98, HCO1b, HL02, KCO9, KHM13, LWW+13, LNY+11, LIZC14, LYC14, MLHL12, MC04, NDM80, PCC02, SRS15, ÜDUG04, WFWL09, WGC+14, WC11, YC08a, YLC06, KMKY07, LZL+15].
Stream
[JO83, APS16, CH05, DM17a, HWR17, HKY01, LCLL08, LIW13a, MRBN17, TXLC12, VZT17, YF15, YCWW15].
stream-based [LCLL08].
Stream-Oriented [JO83]. Streaming
[KFS+02, KD05, CDC09, CSG05, FBC10, HHL06, LG05a, LT09, LW12, LLH+16, MLHL12, vdSJK+07]. streams
[CPS11, CIL11, CTL08, DS12, KK17a, LJL+12, LLML13, NDS13, PTM08, VTZ+17].
street [Gla95j].
strength [AZ11, CWK10, HCT+15]. Stress
[FAI94, AL10, FAI97, GBL08].
Structural
[AR90, CR06, MP90, PL92, Poo93, AC17, BDO11, CFMRL11, HI09, HZCD05, KOL+14, KCV+19, LMIV15, LMMVM07, LC08, NOPF12, PXT+13, PACH15, SM08, VMJS06, WHL89, XLM+15, YZ+18].
Structurally [FM90a]. Structure
[Arc81, BCD92, BY85, CG94, Gla95i, GR97, HU96, MK93, Tao80, BF96, CD00, DPM07, GAKF13, HTB12, HCC91, HLL01a, HR10, JRSN10, KHW19, LGW09, LXB12, LHC+05, QGZ+15, SM17a, TMB02, ZLW+12, DFSF12].
Structure-based [Gla95i].
Structure-Oriented [CG94]. Structured
[BC91, Fra90, Gla90a, IYKO95, Lee93, MGJT87, Sca88, TOY95, TZ81, CCG94, SMM17, WKD+19, YTW+13, YR09, Gla91g].
Structures
[JN84, YRN80, BRMA+09, Cic16, FMR11, ISM11, Lini1a, SAA+10, Tha80, WS12, ZG00, CSS10].
Structuring
[DGRN10, Eva83, SWA+13]. student
[GSB+07, IF19, SM07]. students
[Gla97e, HBM05, SSwdW99, FHT07].
Studies
[PW92, CdS18, CRSS14, DMP14, Del08, GNA17, Gla97i, Har00, HWC+10, JCYT16, Jor04, KK06, KSI19, LCM+13, MPTT14, PPG+13, PCC1dGP12, SAH12, Sol87, UGFK15, WrdMSN+13].
Study
[AH90, AR94, BGB90, BBP96, BMP97, DGM93, DJL93, Do197, Duv95, EC98, FZ93, GK91a, Gla96h, Gor91, H097, JVP+98, KMO91, KBM18, MRW+94, PT91, Rv92, SN91, SAA93, SSR18, Sed193, SW94b, Sta93b, SB88, TOY95, TL95, TLPH95, Ulu95, Wic92, WDS81, AH88, ASG13, AIG+15, AAAC07, AAGT16, AB16, ADC08, AW07, ACB18, AN01, ASS07, ASG17, AAC+15, ANG+19, AL05, AmML17, Am100, ACS13, AACLO2, AAC+17, ABJ+17, AHC+11, BKZ+06, BRB14, BCF19, BP80, BS89, BBND+18, BCD+18, BMB19, BAM17, BLTY18, BBG+08, BFPAGS+08, BS12, BAAD17, BDM+19, BHVR18, Bvd06, BT03, CSF+14, CJB10, CS15, CGP+09, CdSdSG+18, CCE06, CLSa01, CW02, CL04a, CC10, CXO+15, CC80c, CO12, CPRT16, CGSG06, CGMPAP08, CNMR18, CFA+19, DvdVA+13, DVPY+19, DZ05].
study
[DSB05, DZRH04, DF00, DLM19, DFC06, DJW08, DFG+13, ECS15, ESM+19b, ED04, EGH016, EED16, EBC10, EBB09, ELHC13, FAB+07, FSGYP17, FLRT19, FCL+00, PLA+01, FS01, Fra04, FMDA16, GMGP15, GRRX10, GCDY16, GR05, GKP98, Gla89b, Gla97j, dGFDL16, GTF15, GPPT16, GS8S16, Gur01, GW10, HHKB16, HBP+17, HJN11, HI08, Han12, HLAB09, HAH06, HBV08, HBJ+99, HKS+17, IF10, JSL16, JWA14, JLL19, JCYT16, JAS19, JP00, JS01, JR15, KBJZ15, Kan15, KLT07, Kar94, KFN19, KFSL18, KJS+12, KNA11, KSI19, maJKME01, KPME02, KPME05, Kit10, KR98, KSM+16, KQ17, KMG+19, KBRV17, LW3H19, LS07, LXG09, LAL15, dPLV19, Lin99, LSc01, LTO1, LWC06, LO04, LPB19, MBF12, ML1J18, Man16, MAH18, MD1C17, MDFG08, MAEL19, MMTL06, MFM10, MPPL+15, MT98, MVFBCB10,
MGR\textsuperscript{+13}. study
[MRS18, MRRS19, MD16, MHLMG14, NCS10, NCW\textsuperscript{+19}, NWZ05b, NRG08, NVPGMPSM17, NB16, OK11, OBS\textsuperscript{+18}, OWG19, OCC13, PSS\textsuperscript{+16}, PAB\textsuperscript{+17}, PLM07, PWS\textsuperscript{+15}, PTF\textsuperscript{+15}, PB04, PLF05, PV18, PVSG05, PV06, PSE\textsuperscript{+09}, RTM19, RRD06, RDP08, RAS14, RR98, RGV04, RS98, Rob98, RGBM06, RASL12, RHL\textsuperscript{+17}, RB16, RM9b, Rom98, RVC17, SCMS15, Sa102, STS\textsuperscript{+19}, SCwy12, SCL13, SMI11, Shi12, SKR19, SSvdW99, SVM19, SKKL07, SHS16, SSA08, SCD16, SNDC13, SNJ\textsuperscript{+07}, SSD16, SCLL14, SLL\textsuperscript{+15}, SKF17, SAN\textsuperscript{+17}, TKZW17, TKSNP11, TAJ\textsuperscript{+10}, TAF\textsuperscript{+17}, TB16, THGL07, TDK\textsuperscript{+07}, VHF02, VBC\textsuperscript{+14}, VAS\textsuperscript{+04}, WGK19, WKH09, WR14, WM95, WHMP99, XH98, YC13, YLA16b, YLA\textsuperscript{+17}, Yeu00, YHMS16, ZSG16, ZK04b, ZS19, ZXC17, dSdMSNO14, vHAT13, vHJPB17]. Style
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[LLZW14]. sub-system
[ELHC13]. Subdomain
[MP86, PAOC15]. Subdomain-based
[PAOC15]. Subgraph
[BL98]. Subgroup
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[EA14]. Subjective
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[Aba06]. subscribe
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[SO03]. subscription
[YSK06]. subset
[XXL\textsuperscript{+19}]. Subsets
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[TTC15]. Subsystem
[Lak97]. subtree
[LWXZ10]. Subway
[DGM93]. Success
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[Sca88, ZJL10, HL09, VM89]. SUMMITrak
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[ZLZ11]. supercomputer
[SMM17]. supercomputing
[GJP96, RGH17]. superscalar
[CD10]. supervisory
[GWvD08]. supplementary
[SYXL17]. supplementing
[BS12]. supplier
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[CPS11, JJP02]. Support
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[AAN11, Bar94, BK95, BD10, FIBRGLN05, ISM11, KLL17, LNC01]. Supporting
[AACT13, ACL13, dOBW04, CFL\textsuperscript{+18}, CPS11, DS98, GGVH\textsuperscript{+18}, HBG\textsuperscript{+13}, HBG\textsuperscript{+14}, HP16, JS13, LDN04,
SHC+11, TT93, WT01, YFZ+16, CCL01, CMS04, DGRN10, HYC04, HCC05, JCK+17, KLY03, KBH07, LGZ+18, RW00, THWC10, WB12, WBBK18, YYS+16, GCC+15.
Synchronous [PH86, BKRW19, CCL01, KKH+16, PK01a, Tan04]. syndrome [AH88, BMS11]. synergies [BFPAG+08, JTW98]. synergistic [TGPI1]. synergy [ST11, Zhu06]. Syntactic [Har88b, CJL11, KOL+14, QLBS17]. Syntax [BDM+93, EA19, vEHV89]. Syntax-Directed [BDM+93, vEHV89]. syntaxes [PC10]. Synthesis [AMNT08, CDJ+84, JS99, OK94, CCC06, CD07, KK07a, LJ99, OHRB90, SD02, YGH+08, ZCT+09, rBH17]. synthesised [KMWL12]. synthesized [NSDI16]. Synthesizing [AMCC14, CGS19]. synthetic [Kam89, PQLN04]. SysML [CKL12]. Syst [AAH12b, APS+10, BKSM14, LKJR10a, LHP+10, WZM12a, XTZX13, YWEL+13, wZGF14a]. System [Am91, ARAS94, At00, BW96, BE81, BG96, Ber88, Bol97b, BAL81, BBO96, CHB94, Coo81, DR84, Dam96, DK94, DK08, DF84, ES85, Fai85a, FC96, FK92, Ha86a, Ha89a, HJ90a, HS91, Joy94, KLRW01, KS96, LO92, Loh84, Mai96, MS81, MBCD86, MG81, Mer78, MII92, Moy96, NS87, OHH93, OT92, Pha94, Pha92, Pow86, PW92, Rec93, RB93b, RT93, RA96, RF84, SGL93, Sam93, SW94a, Sku91, Snc83, SG01, Stn83, SCK86, TC93, TK95, TW95, Val91, Whe81, Wic92, WSR+83, WTS95, YNDS88, YCGH92, Zho94, ZM96, Zim84, vC80, ASGJ13, AT18, AV02, AHGS05, AYZ10, AL05, AAC03, AR17, AAM11, ASWE19, ABW07, Ayr04, Bak88, BSG12, BBG+04, BRG+12, BDBLP15, BW06, BDG13, BSG+18, CCL+16, CB89a, CFFT08, CLX+04, CD107]. system [CGL+04, CC02b, CC04, CCSC01, CLCY04, CH11, CTL12, CK00a, CJZ04, CHYZ03, CCC06, CNSG12, CHL+13, CD05, CNLV07, DI+17, DvdVA+13, DFRC96, DB06, EH19, ELHC13, FBM09, Fic89, FNWL18, GBH+16, GH02, GPSS+13, GH04, GAWC91, GPPT16,
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t-learning [LNPAGD+06].
Table [Har81, WWLG13, YLC08]. Table-Driven [Har81]. tables [JC98, JLYK09]. tabling [AR17]. tabulation [Ane94d, Gla94b]. TACFIRE [Sal80]. tacit [RO09]. tactical [ETYL15, STS+19]. Tactics [MLB09, UB19].
[Bra89]. tell [CPT05]. TelosB [APS+10, PAS+10]. Temperature [WX10, ZCC+17]. Temperature-aware [WX10]. Template [ZSGS93, GCSAdP11, ZL16]. Template/Module [ZSGS93]. templates [NBA+15, OKS08, SGK12]. Temporal [IS03b, Jma96, LPR04, Pra18, UH96, BNR09, CMCO4, CTLO8, Glao89i, KRC00, LCYY0, LLC+09, Lin12a, LN+11, MP94, MC10, NG08, NGM08, O’B08, PM94, SKE10, ÚDÚG04, VÚ99, WWY+12, ZC06].
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tenant [LZG15, MCC+18, MVLJ18, PHBJ16, WVT+15].
tendency [MRS18]. Tension [Glao89f].
term [ABA97].
terminal [CMS04].
terminals [FIGCLN+02].
termination [MC98]. terminology [BDMK03]. terms [CAHV15, DHJ05].
tertiary [KSIZ19, NBF16, RTM19].
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Test [DL06, ZL+12].
test-case [HCC10a]. Test-Driven [BMKM15, DL06]. test-point [BGL13]. test-to-code [QBO+14]. Testability [VM93, AAM16, BDV06, SS04]. Testable [BL95].
testbed [RLY+13]. tester [RPSL10]. testers [SW09]. Testing [ABCH13, Ber91, Ber93, BM96, BPM97, BKW10, BM93b, Car96, CLSC98, CKMT10, CPR13, DGM93, FZ93, FW00, Glao93g, Glao3i, HZ84, Har99, How80, JVP+98, JvB83, KGH+96, LAS90, LT08, MG81, Mil96b, OH94, PBC93, Pla92, PU84a, SCK86, WCKT12, XHM+11, Ze88, ANG+19.
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testing-effort [Hua05b]. LH08].
testing-resource [DXPY03]. tests [CPV+14, JZ07].
test-based [PWC12]. Text-Oriented [TOY15].
texts [Yan94, MR00a]. Textual
[HG91, Sny91, AS17, OFR+12, QBO+14].

TFRP [CLH07], theft
[BTPPLST15, CKCK15]. Their
[AR94, Ber93, Car96, KVC11, LJ16, MNO18, PSZ17, RSB+14, SW88, VLL18, WFF18, vHAT13],
theoretic [BG09, MJ89, MDMC06]. Theoretical
[SOS+16, CGMPAP08, LWL+16, ZYZ+17] theories [Moy00].

Theories-of-action [Moy00]. Theory
[GN15, Gla90h, KAL97, KP93, yL98, Rv91, Woh16, AKH12, Ano94d, BM89, CTZ92, CL17b, CO08, DC17, Glj93c, Glj94e, Glj97a, Glj97b, KSM+16, LWC+18, LZC14, LO04, ST13, SCH05, TC16b, YC09, YC12, ZMAER99].

Three-Dimensional [MP86, DGW16, LWC+18, TC16b, ZMAER99]. Three-layer
[CH05]. three-level [ST13]. three-party
[CLC08b, SCH05, YC09, YC12].

three-phase [LZC14]. three-tier [CDZ07].

Threshold
[CT11b, GLW13, WH03, YWEL+13, BCW05, HWW01, JL04, Kim17, SCL07, YTH04].

Thresholds [MSGGL12, FBB+12].

thriving [Gla97b, vV13]. throttling
[TC16b]. throughout [BM05, Tia99]. tied
[EZG15]. tier [CDZ07, WDC10, WDC12].

Time
[AQ90, BP86, CL94, Chr86, Glj86, CRV94, GMM90, GMP94, Glj91e, Gom89, Gom94, GR92, HW94, HFK92, wLyLH97, LM94, Leu92, LH95, ML95, NC96, OG80, OK94, PZ94, Rei90a, SKF17, Ulh95, Uhl97, WM96, Yua90, ZC96, ZR87, AMP12, ABB19, AMAY19, AV02, AAB18, CL13, ARM16, AGC13, AAC+17, Ati00, BFR96, BCK00, BLS18, BL19, BG98, Bak88, BMS11, BNR09, BCF+05, BKR19, Cam00b, CCCC01, CCSC07, CPS11, CCKM09, CLL10, CZG+15, CKL98, CBL+15, CGW08, CLF+13, CS12, CG05, CF12, DMV98, Del08, DYC19, DY99, DY03, DZH04, DGL+08, EBE18, EGG+11, EK12, EK13, FHL+15, FHY17, FS06, GBL08, GLZ15, GP05, Glj97g, GWDE07, GAWW07, GPPT16, GBC16, Hal92, HLW+12, HCB+16, HA03, HSM+07, HZG+12, HNS12, HCDJ08, Hoa94, HLC+09, HH00, HHL06, ICSC14, IYS13, JZL07].

Time [JLZ+19, JA19, KLB05, KMSMD08, KXC16, KY2, KCS01, mJKME01, KLY03, KMS04, KYPW06, KRG98, Kor99b, KOM09, KKiMT96, yL98, yLcY98, LLL00, LKL02, LRV03, LF91, LP93, LL00, LKL04, LES01, LS12, LS14, LS17b, LFCL12, LR04, LRS+07, LWL+13, LKL04, LIV+09, LC11, LNY+11, LW13a, LKL05, LHP+09, LHP+10, LKK14, LGS+19, MMM00, MEH05, MB13, MFMCY12, MSAH16, MT10, MK11, MMTS15, MO84, MM00b, Nae01, NSL00, NPC12, OW04, OAZ08, Ost92, Osk00, PNL94, PC04, PNY14, PPB19, PG15, QL03, RME10, RVM06, Rav03, RXY+19, RGH17, RG79, SW10, SUS04, SNO04, SLO8, SO03, SM00, SB17b, SMS11, SAKZ15, SY02, Shu03, dSSJ08, SBB98, SK01, SK10, Sto92, TAS+18, TLW10, TKJL13, TKJ15, THP+06, TC16b, TL09b, Uhl98, VZT17, VT98, VT99,
WCLK07, WMWZ12, WX10, WDN05].  time
[XH98, YY04, Yoo09, wZfG13, wZfG14a,
wZfG14b, ZAO08, ZW15, ZLZ+96, ZHGL11, ZH05, ABCH13, CR06, LJ05, HL10].
time-based [SAKZ15], time-constrained
[LKL05, SK01], time-critical
[CGW08, Ozk97, SBB98], time-decaying
[KLZ+19], time-division [MSA96].
time-driven [Ozm09], time-honored
[Gla97g], ‘Time-out [HL10], time-series
[KYPW06, LNY+11], time-synchronous
[BKRW19].
time-driven, time-honored
[Gla97g].
Time/Cost [LM94], time/non
[CCSC01].
Timeboxing [JPKP04].
Timed
[Chr86, CGW08, FZHS95, LT07, LKJL01,
LVB+93, WM96, DZW+99, HRD10, JS99,
MXZ11, Nsl00, PJT+17, WKB90, Zyk01,
ABCH13, CR06, YHM+14, ZL10].
Timed-Event [Chr86].
Timed-Probabilistic [FZHS95].
timed-release [MXZ11], timed-token
[Nsl00].
timeliness [AV02].
Timeslot
[WHYT06].
timeslot-sharing [WHYT06].
timestamping [NG08].
Timing
[GMP94, PdF97, Sah94, BCK00, CWK+13,
CF12, Nae01, SAM+16, VTB98].
TIMS
[SGL93].
tiny [PYW+16].
TinyOS
[OML16].
TOFF [CT00].
TOFF-2
[CT00].
together [ESM19a].
Token
[TW95, Nsl00, Rv03].
Token-Based
[TW95].
token-ring
[Rav03].
Tolerance
[Ban86, Fri90, KN97, KP93, SAASA94,
WFW94, ZX94, AM15, CCH14, GH02,
Hoa94, Lea08, LCH+04, RW00, SSO05,
Shu99, SC09, WLC09, Zha09].
Tolerant
[BW95, CG94, DG92, MS90, Mor86, Mue86,
OK94, PdC94, Ram90, WTS95, WZ96,
AT09, CC01, CIZ04, CSW10, CT00,
CNL07, GPS+13, HTK00, JM96, LKH09,
LFY+99, Lin07, LY09, LL+16, NS01,
SMC96, Tsc07, WKH09, WMWZ12,
YS011, ZG97, ZHGL11].
tonography
[BAI+14].
tongue
[Gla91g].
tongue-in-cheek
[Gla91g].
tool
[HN+13, Mor99].
Tool
[BN90, Bro87, FS88, FM93, FG93, GA95,
FYK09, KSH09, LZZ+95, ML95, NY84,
NB93, OC90, Re90a, Rid01, TTP97, AN01,
AT15, ABFM12, BT03, CDGJ10, CMT02,
CT13, FN00, HP16, HLAB99, HHW01,
KPS+04, MMM00, MTA+16, MM00a,
OAC11, PNL07, Rey89, RR13, RR15,
RRM17, Son93, TAS+18, TVMS18, TC12,
WD07, WBBK18, YZ08, ZGH+07].
tool-support
[HP16].
Tooling
[BBG+04, CPDM16].
toolkit
[MRJD+12, Rob98, TCM98].
Tools
[AM85, BYY87, Hen95, HO96, JP94, KP91,
TKS95, TM97, Zinc84, vAW93, ANG+19,
Ano88d, DSG98, ED04, Eri92, HBR19,
KTF15, MG11, N07, PK98, RDPM19,
RAK15, RS00, TAJ+10, TC98].
Toolset
[WH91b, MSH08].
Top
[MM81, SHN14, Won10, HWM04, MLK11, Gla97j].
Top-Down
[MM81, HWM04].
Topic
[CSN+17, Gla92a, YFZ+16].
Topic-based
[CSN+17].
Topics
[CA14, Ano94d, CC08a, CCD19, Gla94b].
topological
[TNK+19].
topology
[AN10, DMSG11, LHY91, MBD16].
TOPSIS
[LY18].
Tor
[MK15a].
TOS
[ZPEL01].
ToscaMart
[CMC04].
Tossing
[BNS12].
totally
[SHK10].
TOTAM
[BSD04].
Touch
[SBHC19, CTL12].
TPM
[PYW+16].
TPR
[CMC04].
TPR-tree
[CMC04].
Trace
[MB19, CWK+13, CZH+08, EVK05,
GKV14, GXZ+19, L13].
trace-based
d[LL13].
Trace-driven
[MB19, CWK+13].
Traceability
[DF84, OC90, GE15b,
LMvV09, LKJR10a, LKJR10b, MG12,
MSS18, N07, QBO+14, SMK04, TJH07,
TGE17, WPL+18, WBBK18, YSS+16].
tracks
[AHL16, CBSM16, GKV14, IWF07,
LZG07, MHLMG14, PH13, PDB18].
Tracing
[LK93, GM02].
track
[BSK+18].
track-based
[BSK+18].
tracker
[ZFY04].
Tuning [GSP +19, LZF97, Del08, DWC17, HPT07, PCYZ12, SRT +12].


FF12, FCSM09, FWA09, FSS+13, GBL08, Gok09, GDH05, GS07, GZKL13, HPT07, HZ15, HTK00, HYS+04, HSPD14, HCC91, HCS09, HC10, HCL12, HFC+01, HB89, HCC10a, HY03, HWML04, HCC10b, HS11b, JS99, JG08, JJP02, JZ07, JJC+14, KMSM08, KHSD10, KHS11, KSN17, KNA11, KSAR18, KM1, KCV+19, KC09, KA14, KRC00, KCB05, KKL09, KMWL12, KKP12, KLL16, KMC16, KV05, KRC08, K07, Lai95, LYM16, LQ+08, LWC13, Lin16, LMY+06, LZ12, LZKW12, LZ12, LJM96, LZL+06, LWXZ10, LQ+08, LTW16, LXZS06, MH12, MMSD13, MM14, MKH12].

using [MB06, MRBN17, MTF14, MK08, MDFG08, MS17b, MBPM19, MC10, MB10, MGM16, NS92, NH13, NBH19, NKC09, OCC12, OH15, OKS+15, PS13, PG05, PDS19, PNK96, Par00, PK02a, PWH06, PJ09, PB11, PD16, PPN+15, PXT+13, PCCLGP12, PFF12, PRN17, PMB15, PB04, PWC12, PP04, QBO+14, RSB+14, Rav03, RCCVB11, RHR15, SCS15, SAA+10, SPSR17, SRS09, SMHMA08, SGE10, SBO+17, SP08, SPS17, dSSJ08, SPDT06, SN07, SKW06, SH07, SLY17, SPMS03, TJJ15, TAF+17, TSA08, TK14, TQ05, TN05, TTC18, TKP+18, TW07, TLL13, TDK+07, TXCX19, UUN11, VVS99, WRT+13, Wal05, WCLL09, yWpNyL11, WAG15, WCI15, WL16, WLL19a, WLL19b, WKD+19, Woo12, WB15, WH03, Wub11, WCO+17, XZP+10, XLM+15, YCO9, YWT11, YSL+10, YYW07, YZL+14, YLC06, YHH03, ZK04a, ZK04b, ZLL+12, ZYYZ14, ZL07, ZLMN14, ZBLG07, dOSCS13].

using [rbHM17, vJJPB+17, HSS10]. Utility [AH90, RV+91, CTLO8]. utilization [BSK10, CSSL05, HLL01a, KK17b, NZM10, PNK06, SM08, WCLK07, Ze088]. Utilizing [GSM15, LL12, PH08, APT+12, ES97, SK10, ZJZ11, SRBT18].

UWIS [ONZ09]. UX [KFN19].

v [CIB+19]. Vadis [MWH97]. validate [BBB+05, CGP+05, MM19]. Validated [HaC89b, SGK12, HCS04]. Validating [BCV06, EB00, GMP94, LH95, XHM+11, Zel09]. Validation [BS93, EC98, Pas96, An93e, AMG14, CCGdL10, DI05, EZOK14, FIBRGLN05, FAI13, GKV14, GTF15, GDH05, G01, HP16, HMS+17, KKH+16, KM13, MKM17, LIH10, LMK04, MGH17, LXL10, LW07, LT08, LSLG17, LSP+09, LSP+10, MPP18, OOD09, SCMS15, SD08, SMK+18, W014, YXP+18, ZJDB02]. validity [JZ07, VHL14].

Value [Gon95, ASG17, APS16, CSW13, HCL12, HSS14, LGH17, LS05b, LW09, MKS+18, PCYZ12, Sh11, TC16a, VV08, VV16, WTH08, WWTW11].


Variability [GAMW14, APM+14, CFI19, CHN19b, FFV19, FRGC10, RTM19, SRBT18, aRS+10, SBH09, TB13, VPL+10].

Variable [MCCC03, AZ11, LWC13, OI08, WCC13, XTZX12, XTZX13].

variable-length [LWC13, XTZX12, XTZX13].


variance [HC10]. variance-controlled [HC10]. variant [CNG16, JZ03]. variants [BZ10, CRC19, LNTS19, MAGC+17, RBW18, SSS17, WL09]. variation [LMT16].

variations [RF14]. Varied [YWWTW11].

varieties [YWWTW11]. VAS [SC14].

VCR [PLF05]. VDM [BM03a]. Vector [FS+13, AM04, CL06b, EEO8, LBX12, PH06, PWW10, mSGFL05, TLL10].

vectors [CKC15, LWN10]. vehicle [BKLE18].

vehicles [MSH18].

Vehicular [ACSC16, ACF+07, ACL13, Cho13].
vein [WLL+13].
venation [PHN08]. vendor [AK16, SCO13].
vendors [KNA11, RNR17]. veracity [WLL15]. verifiability [CHL+08].
verifiable [LC02]. Verification [BS93, CCGdL10, CD07, Di91, EC98, GC94, JL97, KO95, KH06, LL97a, LF96, NS92, NI96, NI98, NS93, TLW07, TK91, ABB15, Ano93e, BS03, BBA10, BK11, CCR14, CW09, DAR14, DBZ16, DC09, FDN+16, GKR04, DDF+13, HALS08, HZ79, HHZ92, HA03, HLC+10, JC98, KSN17, LT07, LCLP16, LS05a, LLL17a, LSLG17, MS17a, MA11, NTT19, OBS79, PJ+17, SL07, SK18, XYS07, dIRT06]. verified [CJT04, YHM+14]. verifier [CC09a, FWCS12, HYWS11, KBD09]. Verify [LL98]. Verifying [CIB+19, BCK00, DACY07, Lai97d].
video [BG09, FGB10, HH05, KD05, LG05a, LT09, LLML13, MLHL12, MK11, Ng99, NX500, PTM08, PLF05, THP+06, TYH04, ŪDUG04, WJT09, XLM+15, dSJK+07]. video-on-demand [NXS00, PLF05].
video-streaming [MLHL12]. videoconferencing [HVC02]. View [Gla97m, LIC92, CV14, D2T+14, GLWY10, HR95, HC01a, NI13, OSG98, RS06, dMSSS+13, SBA97, VC97, WSJK08]. Viewed [De92, Ke15]. viewing [LWS+03].
Viewpoint [Gur01, VCB+18, XSS06]. Viewpoints [PNM04, AAA11, FCL+00, GCL13, KvV06, vHJPB+17]. Views [Lan90, TKU93, Uck91, BH02, BH03, CZH+08, De01, Gar13, JKD02]. violation [IYS13]. violations [CF12, LNW+11, SMR09]. Violence [SM92b]. Virtual [LTT92, SSMC+04, ZDC+11, ZG07, ABB19, AdAD17, AO16, BML+13, CG03, DSC+08, FGL15, GD04, GAT15, HSR01, KK11, KV11, LQW+12, MCC+18, NI13, OI08, SK13, WXZ+17, XZZ+16, ZWC+19, dACM17]. Virtualization [AAJD+16, WDC08, LQW+12, RQD+17, TZZ19, TSCB19]. Virtualization-based [AAJD+16, WDC08, TSCB19].
Virtualized [MAS13, EBJ17, GGK19, NK14, SB19]. virtually [TLWS10]. Virus [DG87, Gl89e, HLWS13, LCLL08]. viruses [Th94]. visibility [OBS79, VEM+01]. visible [Lin14]. vision [LWW+10, NCK+15]. visits [SAA+10]. VISOR [KA18]. ViSta [CMT02]. Visual [CCK02, Km95, MA10, Ng93, WM90, CT11b, CHL+13, DDD14, DDGR09, DB95, EA19, GLW13, KDS+08, KAS18, MGR+13, WS12, YWEL+13, YBE17, ZGH+07]. visualisation [WBKB18]. Visualization [KM92, LIC09, MTW97, CMT02, JSL16, KLMC06, MGAN18, NSM17, PDBD18, SLB14, YLC18]. visualize [KB98]. Visualizing [RF14]. vital [Ano88d]. VLC [HWL13b]. VLC-based [HWL13b]. VLIW [WW+10]. VLSI [CDJ+84, HHZ92, HD84, KSS84, MB84, Rad84, RT86]. VM [CBZ+16, LCL15]. VMM [RQD+17]. VMs [XJZ+15].
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, Ano02c]. vote [CY00]. Voting
[JT97, BS09, CW09, WKV11]. VQ
[CNL13, LWL09, YWHL11]. VQ-based
[CNL13]. VR
[KJ10]. VRSS
[LZKW12]. VRSS-based
[LZKW12]. Vs
[Sca88, BBP96, CFRPC+18, ETM10, FWH97, Glav91c, MDFG08, Rei90b, SSCM+04, SMS11, THGLO7, TDK+07, YCG+14, Zuc90b, Zuc90a]. vulnerabilities
[RDVC19]. vulnerabilities
[MV09, MKHLB16, PDK+16, STS+19]. vulnerability
[CMM15, HLLS13, LZKW12, RDVC19, SG16, SZ11, SA18, ZLC+14]. waiting
[SBZ+17]. wallet
[JL04]. WANs
[HBG+14]. warehouse
[HL00a]. warehouses
[FS14a, MTF14, ZM06]. warehousing
[HC01a]. warmup
[ED06]. warning
[Gla98c, LKB06]. warnings
[ANG+19]. WAS
[WGC+14]. Waste
[KM14, AKA+15]. watermark
[CL08, HB13, TLL13]. watermarking
[AMK12, CC02b, CCLL11, CT11a, CSS+13, JK13, KPS10, KM11, LSR13, LXCMM11, Lin00, Lin01, Lin14, MMSD13, MM14, MK11, PWLL13, PW10, PK18, mSgFl05, TK14, TLL10, TPKT12, yWpNyL11, yWpWYyNP13]. waveform
[CCWT13]. wavelet
[AMK12, BGG09, KRKC08, LXCMM11, yWpNyL11, WS13]. wavelets
[MMSD13]. Way
[Gla92h, LKJL01, Wey99, WLL17]. ways
[BS09]. WDM
[WHYT06]. weak
[PG04]. weak-branch
[PG04]. weakness
[LKH09]. Weapon
[Coo81, Stu83, Gie79, Sal80]. weaving
[AMKD13, HPF16, MKS10, WPP+09]. Web
[LZ07, Pon03, Zha08, AIE19, AdB13, AAB19, BPO+16, BMKM15, BAAD17, CM15, CCY11, CCH14, DH13, FMPS16, 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, ESRK16, ECRVS11, EUR+13, EZG15, FAI13, FCL+00, FoFdPo8, GMGTD4F14, GLJ13, HMP99, HYC02, JR09, JRB+06, JSBR09, KWME99, KDS+08, KM17, KR14, KLC02, KKK08, LS04, LKL+11, LAT10, LLWL14, LTO8, Lok06, LICA09, MT07, MPST06, MA09, MMC05, MDFG08, MS08, MVB14, MAS13, OGG13, ONZ09, Pon05, Pon06, PÁC13, PQLN04, RRD06, SMG08]. Web
[SRGL08, SFBM16, SGBT13, SM06a, SSM+09, aSR5+10, TTM13, VGM13, WDCL08, WWZ+14, YWLG02, ZK04a, ZLT10, ZWM+18, Zha09, ZLO4]. Web-application
[Pon03]. web-based
[OD17, YLC18, BM05, CHZY03, FCL+00, HYC02, MVB14, ONZ09]. web-centred
[LSLG17]. web-clients
[OM13]. Web-crawling
[YWLG02]. WebAssembly
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[Gla98d]. We’d
[OT92]. weight
[DFD+05, HCC10a, LL14, PIRG08, ZGZ+13, LPP15]. weight-aware
[LL14]. weight-based
[HCC10a, ZGZ+13]. weighted
[CL15, CL17b, HHK13, HR10, LLWL19, SH07, WGC+14]. weighting
[KY08, LXC09]. weights
[AHGS05, WZG09]. Well
[Hen88, LRV03, LS98, BM07]. Well-formed
[BM07]. Well-Known
[Hen88]. WEP
[CP88]. Were
[Zuc90b]. we’ve
[Gla93f, Mea09]. Wheel
[HAHH96]. Where
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