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**Title word cross-reference**

(−1, 1) [MY65]. (0, 1) [GS72a]. (b, k) [AC84]. (E, k_x, k_y) [ZVW11].  
−∞ < N < +∞ [Kog57, Kog58b]. 0.11 μm [BDN02]. 0 < N < 1 [Kog58a]. 1 − μm [GSC80, JHH81]. 14 [FRS18]. 2 [HS60, MDJ70]. 22 [FCE15]. 25°K [MDJ70]. 2^k [AEG+02]. 2^{k−1} [AEG+02]. 3 [CS03, DWA08, EFR+05, EK08, HS60, KYY08, RG09, SAT+08, SJMBK08, ZVW11]. 32 [LBB13]. 360° [RCP16]. 51/4 [FMPS93]. δ [HC69, Les71]. 0 [Wei65]. 2 [ABB+08]. 1 [CSH+89]. 1−x [LMPP69, MB75, Mat70, Vur70]. 12 [MKP73]. 2 [ABK89, BH89, Bra72b, Bru78, CKG+99, CL64, CSE66, CDM89, CFH64, CCD57, CSH+89, DYHS78, EB99, FA70, GSG+90, GBC65, HC70, KG80, KLB64, KL80, Kus70, MRH89, MJS70, OG80, RF78, SJ70, SARG80, Tu90, Vur70, WB70, YDH85, ZBL72, vHv89]. 2−x [ACM+89, BEH+89, EHK+89]. 3 [CSE66, CDM89, CCD57, CSH+89, GSG+90, HD69, KBS+99, LD74, Mat70, MKP73, WTP64]. 4 [ACM+89, BEH+89, EHK+89, FA70, Kus70, Vur70, WB70, WTP64]. 5 [BH89, KLB64, MRH89, MKP73, ZBL72, vHv89]. 6 [YAJ90]. 7 [CDM89, CSH+89]. 7−δ [BH89, GSG+90, MRH89, vHv89]. c [BCSE89, FNRF89, FL89, HHB+89, KC89, Kat89, Kel89, KIF+89, Meh89, Mor89]. p [FL89]. th [Fuj92]. x [ACM+89, BEH+89, EHK+89, LMPP69, MB75, Mat70, SG77, Vur70]. A [LO72]. b
Algorithmic [Cha77, AGZ94c, BDH+19, Cra98, RDL19].

Algorithmic [HRC73].

Alone [How82, Jon60, KS66, LR65a, Lud78].

Alloyed [BS64, CJT62, Col62, HHL62, HK64, HB74, LMPP69, TCCH98].

All-sky [BdMvdP72, Yan07, van73].

Amorphous [BCH84, And10, LCL].

Amplifiers [JGD+08], amplitude [BS71a].

AMR [Ibe03, ILH03].

Amplifier [Gra80, TC63].

Analog [ARV64, Wal58, CNL+19, HNS+03, HB73].

Analogue [BDH83], analyses [BBMP92, Gro59, PMS+17].

Analysis [AW82, AKB+17, AH79, AGAP63, BBC+09, Bos97, BK61, BCN58, Cal81, Cas60].

Analogue [BDH83].

Analogue [ARV64, Wal58, CNL+19, HNS+03, HB73].

Analog-to-Digital [Wal58].

Analogue [BDH83].

Analogue [ARV64, Wal58, CNL+19, HNS+03, HB73].

Ambient [BMC86, Leh64, RC09].

Ambiguity [DJL16, CHM].

Along [KLM+91].

Alkaline [WA79].

Alpha-particle [GRH+08]. Alpha-particle [GRH+08].

Alpha-particle-induced [HRC+08]. altered [Irv89], alternate [VWE02], alternating [Wid67].

Alternative [AKNR10].

Alumina [KLM+91].

Aluminium [ADH70].

Amplifier [Gra80, TC63].

Amplifiers [JGD+08], amplitude [BS71a].

AMR [Ibe03, ILH03].

Ambient [BMC86, Leh64, RC09]. Amdahl [CPD+09].

Amendment [Ku63].

Amino [BBD63].

Among [DG84, Vi82, DSS+92, YJC+17].

Amorphous [BK76, CCG73, CH76, Fri69, OHSP76, Sch75, VGC79, KOT99]. amounts [BBC+08].

Amplification [Bre60, Pri65, RK69, Smi57, ZZ69, Ito97, Ito00, Lan60, Tur69]. amplified [HHSW01, Ito01].

Ambient [BMC86, Leh64, RC09].

Ambiguity [DJL16, CHM].

Along [KLM+91].

Alkaline [WA79].

Alpha-particle [GRH+08]. Alpha-particle [GRH+08].

Alpha-particle-induced [HRC+08]. altered [Irv89], alternate [VWE02], alternating [Wid67].

Alternative [AKNR10].

Alumina [KLM+91].

Aluminium [ADH70].

Amplifier [Gra80, TC63].

Amplifiers [JGD+08], amplitude [BS71a].

AMR [Ibe03, ILH03].

Ambient [BMC86, Leh64, RC09]. Amdahl [CPD+09].

Amendment [Ku63].

Amino [BBD63].

Among [DG84, Vi82, DSS+92, YJC+17].

Amorphous [BK76, CCG73, CH76, Fri69, OHSP76, Sch75, VGC79, KOT99]. amounts [BBC+08].

Amplification [Bre60, Pri65, RK69, Smi57, ZZ69, Ito97, Ito00, Lan60, Tur69]. amplified [HHSW01, Ito01].

Ambient [BMC86, Leh64, RC09].

Amphipod [Ibe03, ILH03].


Annealing [Blu79a, CCP85, CFH64, DKN78, GC68]. annihilation [Pet89]. Anniversary [Car81].

Anodic [Dat93]. anodization [Hes99].

Anodized [PCD78]. anomalies [LSW13].

Anomalous [AC63, CP86, LeB62]. Anonymizing [GDL14]. ANSI [NFI+08].

answer [TOKN18]. Answering [Pla76, BCD+17]. answers [Fre04, GLK+12, MKW+12]. antenna [LGF+03]. antennas [DKH00]. anticipator [HM90]. Anticoincidence [Spr63].

Antimoney [DV64, HK64]. antispan [WZC+10]. any [DDMS92]. Aperture [van77, SRC97]. API [WML+16]. APIs [WML+16]. APL [AT78, Chi86, CJ91, DO86, F173, Lat73, Ort84, Sur69].

APL/370 [Chi86]. APL2 [Alf89, Bro85]. APLGOL [Kel73]. Apparatus [BP75, Tay57]. appliances [JWZ+09].

Application [Ast67b, Bar75, BMC86, BSJ+13, BUK88, BHWW77, CM80, CD85, DC82, Don62, FLCB85, GA86, GHK67, HP63, HJ88, HKM+86, How82, KT70, Kof71, KM70, KM00, KT84, Kov59, KBF+92, LS76a, Le 62, LMT84, MW80a, Mar64b, MS67, MS87, Moi91, MPD86, PBC+06, Pip79, PZK+03, Rot66b, SM78, SLG78, SF93, Tro80, TTI98, AKK72, AAB+10, ABM+01, BBPS91, BDS+97, CP72, CLP+13b, CPT+08, CN94, EMM+18, EPP10, FKL+08, G188, HBB99, LFR05, LR79, LS72, MDVJ08, MC87, Mon82b, NBC03, RRMD17, RR69, SBG+13, SHC+72, SCW10, TC988, BLM+92, MY65, MM75b]. Application-level [BSJ+13]. Application-Specific [HKM+86]. Applications [ABC+85, Aic84, BV78, BAH82, CA84, CH84, Com83, Cro79, Dat98a, Haut96, HF78, Hop61, Kau81, NB61b, O081, Sch75, SCY78, WKB+86, WR83, ZG65, v886b, vAR82, AW82, ABB+13, ABB+03, ARM+01, AKG+19, ACM01, ATW+08, BCC+16, BBH2, CS84, CCG73, CN8, C1+10, CBBS90, CKL+13, CJK+13, CRM02, DT08, EWS+13, GR92, GBMB90, GSC12, HKV+90, HH99, IFB+11, KM93, KFIH+06, KLS+05, KKT+95, LPA+15, MCAW95, MN97, Mos61, Oha10, Osh93, RFC+07, SBG+13, Sch96, SBC+95, SPR+95, SFH+16, SR19, SHDK95, TWX+70, TFL+98, WYF+03, WJS+19, WYS92, YAH+96, ZSY+13, ZF60].

Applied [Coh87, EHHP67, Jur78, Nor58, PW67, SH57a, Sar91b]. Applying [CPD+09, EGO0, GCFW07, OTC14].

Approach [BBC+64, BF77, CAE+76, CHS82, Gor65, HJ88, Ho78a, KMO64, Len58, RS85, ABG+95, AYA14, AR87, BKN10, BMS+17, BTWY92, BL15, CHG04, CCE+20, DEG+01, Fer70, HCO74, KRTN+12, Koe81, KSSC+13, KRS+17, Luh57, NML+20, NMV+09, PL20, RCP15, Rub90, SKP06, SJZ+15, TWM+14, VJA07, VPV+19, VNT16]. approaches [DKJ14, Fra89, MBB+01, SNP06, TSC91].

approximants [Ris72]. Approximate [CPvR00, CHW75a, NG17, SC75, Sau81, Sch62b, Di 88, HSL+10, Lei61].

Approximating [And73, Kep75, Mir69]. Approximation [RK74, AGJ06, MM94, Riv87, Sitz87, Wee72]. AQL
AuMa
[13x132] B.E.
[15x132] +
[16x132] 16,
[17x132] GAC85, GHLWS4, GLM+96,
[18x132] GBJ+08, HL83, LS75b, Pri94, TS82,
[19x132] WLPL+80, WZ78, DF15, HD73, HRS07,
[20x132] KL63]. Automatic
[21x132] [ABC65, AAA+17, BBD63, CFW82, Cle72,
[22x132] Dah63, DMWW77, DMP59, FKGF12,
[23x132] GFS71, Hei66, HL77, Kar73, LW77, Luh58a,
[24x132] Maz70, Sar91a, Sar97, SBG+13, SFH65,
[25x132] Tar63, TYSS19, War63, CL66, ET69,
[26x132] Gus97, HRWZ87, KWB+15, MC87, RSL+70,
[27x132] Sed67, ST72, SKSP06]. automatically
[28x132] [CJ91]. Automation
[29x132] [APS86, Ano71, CCG+64, CCG+81, GLL80,
[30x132] Gra69, HBT+16, MW82, SG71, SB86, Tay84,
[31x132] DeM91, GGKK96, Gra71, HNS+03, HMM70,
[32x132] HYA03, NNGV19]. Automorphisms
[33x132] [Hal60]. Autonomic
[34x132] [MC09, Kis03, WSC17]. Autopass [LW77].
autoradiographic [LPPT86]. Availability
[35x132] [GL87, HCTS81, KMHS82, AAF+09, CAK+15,
[36x132] DP13, FCS+04, OHK+07, Pig88, VWE02].
available [ACFS16]. Avalanche
[37x132] [BS69, KO65b, KO66], avalanching [Vin81].
Average [Her65, Don69, SS66].
average-value [Don69]. averaging [LOT2].
aware [KdAC+15, VTC09]. awareness
[38x132] [BPG+16, RYT+13, YCJ+17]. Axially
[39x132] [Key61b]. Axioms [Mor73]. Axis
[40x132] [Kan78, MSW69]. Axisymmetric
[41x132] [BT78, BBT83]. Axp [Pat85]. Az-Type
[42x132] [PL79]. AZ1350J [DS77]. azimuth
[43x132] [CBV08].

authors [Ano94q, Ano95i, Ano95g, Ano95h,
[44x132] Ano95j, Ano95k, Ano96g, Ano96h, Ano96i,
[45x132] Ano96j, Ano96k, Ano97f, Ano97g, Ano97h,
[46x132] Ano97i, Ano98g, Ano98h, Ano98i, Ano98j,
[47x132] Ano98k, Ano99f, Ano99g, Ano99h, Ano00i,
[48x132] Ano00f, Ano00g, Ano00h, Ano01i, Ano01j,
[49x132] Ano01l, Ano01m, Ano01k, Ber76a, Wie76].
autoconfiguration [BBC+12a].
Autocorrelation [BR82]. Automata
[RS99a, Ros66, Rot66a, She59a, DWW90,
[50x132] EM65, HMP90, SG94b]. Automated
[CTD+16, GAC85, GHLWS4, GLM+96,
[51x132] GBJ+08, HL83, LS75b, Pri94, TS82,
[52x132] WLPL+80, WZ78, DF15, HD73, HRS07,
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[56x132] Maz70, Sar91a, Sar97, SBG+13, SFH65,
[57x132] Tar63, TYSS19, War63, CL66, ET69,
[58x132] Gus97, HRWZ87, KWB+15, MC87, RSL+70,
[59x132] Sed67, ST72, SKSP06]. automatically
[39x132] [CJ91]. Automation
[39x132] [APS86, Ano71, CCG+64, CCG+81, GLL80,
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[39x132] [Hal60]. Autonomic
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autoradiographic [LPPT86]. Availability
[39x132] [GL87, HCTS81, KMHS82, AAF+09, CAK+15,
[39x132] DP13, FCS+04, OHK+07, Pig88, VWE02].
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[39x132] [BS69, KO65b, KO66], avalanching [Vin81].
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[39x132] [BPG+16, RYT+13, YCJ+17]. Axially
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[39x132] [Kan78, MSW69]. Axisymmetric
[39x132] [BT78, BBT83]. Axp [Pat85]. Az-Type
[39x132] [PL79]. AZ1350J [DS77]. azimuth
[39x132] [CBV08].

authors [Ano94q, Ano95i, Ano95g, Ano95h,
[44x132] Ano95j, Ano95k, Ano96g, Ano96h, Ano96i,
[45x132] Ano96j, Ano96k, Ano97f, Ano97g, Ano97h,
[46x132] Ano97i, Ano98g, Ano98h, Ano98i, Ano98j,
[47x132] Ano98k, Ano99f, Ano99g, Ano99h, Ano00i,
[48x132] Ano00f, Ano00g, Ano00h, Ano01i, Ano01j,
[49x132] Ano01l, Ano01m, Ano01k, Ber76a, Wie76].
autoconfiguration [BBC+12a].
Autocorrelation [BR82]. Automata
[RS99a, Ros66, Rot66a, She59a, DWW90,
[50x132] EM65, HMP90, SG94b]. Automated
[CTD+16, GAC85, GHLWS4, GLM+96,
Bimorph [MPD86]. Bin [KM77]. Binary [AMG+87, Gri90, HA58, LT70, Rot57, Smu57, Wyn64, BL69, Dan82, Lin81, PMLA88].

Binary-Image-Manipulation [AMG+87].

Binary-Weighted [Smu57]. binodal [TMB+99]. bioinformatics [EBH+16].

Biological [ABM+01, Bir01, DGBK+17, HttR06, NMT14, SPS+06, ZHP+18].

Biology [BMC86, ACMO1, BJ06a, EB06, PMW06].

biometric [RCP15]. biometric-based [RCP15]. biomimetic [DBNK+17].

biosystems [PSP06]. bipartite [Rus04].

Bipolar [CW85, Dan81, FHl+82, Gad77b, KGCS85, ML82, MM82, Phi78, Pri58a, SGC+87, ZFE06, BEM+92, CCJH81, Frew96, GPL+92, TWF90]. Birefringence [SH63].

birthday [FvG90]. bis [GA88].

bis-maleimide [GA88]. Bismuth [FK60, HK64, Heb4, JH64, Sch4, SBR64, TH64, Vui64, WS64, YWW04].

bismuthates [BC89]. Bistability [HJ88].

Bistable [BFT79, LF64, Mos61].

Bistable-Unstable [BFT79]. Bit [ARV64, BS70, BCG+96, Cor82, GHL+94, MRG99, WRG99, TGB+98].

bits [GP81].

Bits [RK66]. BJT [HMO81]. BladeCenter [Bal05, VLB+99, BBI+06, CAC+05, DBC+05, FCP+05, HCk+05, HPZ+05, HSL+05, HSCG05, PHCM05, PAB+05, VAB+05]. blades [HL+05, NMH+07].

Blasbalg [An06]. Blazed [BC65].

Bleaching [Lor70]. blended [MBK+15]. blending [MOG+19]. blends [KMG+19].

Bloch [Az88]. Block [Fz79, LP75, Smi77, WF83, ARG00, FCG92, TKG98, TMS+01].

Block-Oriented [LP75]. block-paging [TKG89]. Blockchain [An019, CDS+19, DNZ+19, NNGV19, MDN+18, VDG19].

blocking [Gz97, GJ00]. blocks [GR90, NMH+07]. Blodgett [RSS98].

blood [LPPT96]. Blue [ABB+13, BSJ+13, BBK+08, BCK13, CCD+13, CP13, CKL+13, CNC+08, CHT+13, DT08, DLJ+08, EO13, EWS+13, FKL+08, KHZ+08, OWG+13, PMS+08, RIB+13, SCG+13, ABC+05, AAC+05, ADG+05, BGH+05, BHD+05, CBB+05, CBC+05, EFR+05, FFE+08, GBC+05, GZE+05, GBB+05a, HBB+05, IBP+05, LKFU05, MSW+05, MAA+05, OBB+05, SPP+05, WAB+05].

BlueConnect [CFS+19]. Bluemix [GRB+16, KMM+16].

Booster [GHK+19]. bootstrapping [SS00].

Boron [JD67, WS75]. Bounce [Hen83].

Bound [Gri60]. Boundaries [KWB88, LC80, AG72, CDM89].

Boundary [BTP+90, Far87, Lee77a, Me62, Pim76, RV88, RS67, SSG69, TTT4, BS71b, CP72, JS89, RS66]. Boundary-Layer [RV88].

Boundary-scan [BTP+90].

boundary-value [BS71b, CP72]. Bounded [Fra80a, Fr82, PH81].

Bounds [DH73, FL75, LF77, RS73, Don69, MM94].

Bragg [MMJ66]. Brains [BS06].

Brain [DLJ+08, MYK+17, RC17].

brain-machine [MYK+17]. Brain-scale [DLJ+08]. branch [HRR99].


Breakdown [KO65b, KO66, SARG80, SAR81]. Breaker [An05].

Breaking [GBW+09]. brick [FG+06].

Bricks [WGF+06]. Bridge
HMO81, Ho60, LB07, MOG+19, SK14, SvNH13, VPV+19, WLH+17. **Case-based** [MDH+12]. **Cases** [Rob67]. **Casey** [DCB77]. catalysts [OHWR88]. **Catalytic** [DS65]. Cathode [HMR82, TH11]. Cathodes [CBCM79]. **Cathodic** [AGLM85]. Cation [SK69]. Cauchy [Ger73, Sug59]. **Causal** [EPP+10]. **cause** [Pon17]. **Caused** [Boe69]. caustic [KJP11]. CC [KFB+97]. **CC-NUMA** [KFB+97]. **CCITT** [WZ78]. ccNUMA [BCC+01]. CCS [SS87a]. Cd [Vur70, Tit63]. Cddr [FA89, MB89, MS60a, Sch62a, SS78, Sch96b, TY64]. Charging [Fre79, Sug59]. **Charge** [HC74, DYHS78, Gra80, Kau81, LMD70, Mag73, MS60a, Sch62a, SS78, Sch96b, TY64, Fre96, HC69, HCL72, HRG80, Lee77b, Pat73, TGB+80, Var89, WYS92]. **Charge-Coupled** [HC74, HCL72, TGB+80, WYS92]. **Charge-metering** [Sch96b]. **Charge-Transfer** [Gra80, Kau81, Var89]. **Charged** [Fre79]. **charges** [RBB+08]. **Charging** [FBW77, DG93, DXZS13]. **Challenge** [MDB+02, MLM+19, SCI05, AG06, BCK+05, CPPC18, FDaDNS98, GNF06, JAC+19, Lai08, LPA+15, SLA+15, SAA+18, SFG+06, SPP97, WHK+09]. **Chamber** [Cha73b, MNN7a]. **Championships** [BHP17]. **Chang** [Sta75]. **Change** [Sou64, CTD+16, DDDKU12, DSZ+12, KMB+08, RBB+08]. **Changes** [CC76a, Lew83]. **Channel** [Cal81, Cio86, CDG83, God74, Mil83, RGL75, AAC+06, BAB+18, CDS73, CDS00, FGC92, Fra80b, Irv01, K70, LKY80, SFG+06, Sho04, WYTO04]. **Channels** [CR76, Fra79, Fra80a, Fra82, KGF77, KT73, MLI78, Sha58b, Fra89, GE02, Rus04, SJW+16, LML83]. **Chaotic** [Hen83]. **Character** [Dic60, WR83, YG81]. **Character-Recognition** [Dic60]. **Characteristics** [BK80b, Cre58, GLS67, JH80, KMCY82, LS78, OPR+78, Pea69, R66, TDM+87, UL70, WS75, WW71, BB09, Bru76, CDS73, CDS00, EWS+13, HRW69, ILH03, K17, KDG15, KDT18, MMR89, PH81]. **Characterization** [AT00, Aoo65]. **AGAP63, AEE77, BMR73, BBCV80, ESA62, GA88, GS1, MMM+05, OHWR88, OS99, SS78, SY73, Twa85, YDHS78, ATW06, ATW+08, ABM88, BSJ+13, CPTW98, DDA+93, DKS+95, GLG+99, Ho60, KB06, LBT99, Lu99, WGC93]. **Characters** [Cas70, CEHL78, GHKO57, Yha75, DDMS92, HM71]. **Charge** [CH74, DYHS78, Gra80, Kau81, LMD70, Mag73, MS60a, Sch62a, SS78, Sch96b, TY64, Fre96, HC69, HCL72, HRG80, Lee77b, Pat73, TGB+80, Var89, WYS92]. **Charging** [FBW77, DG93, DXZS13].
Classes [Cho75, MFT77, Gor63]. classical [Sho04]. classification [ACC+15, DBK82, GK64, HJW+16, NT72, PTRC16, SBD+10]. classifier [RLP14]. classifiers [BCD+17].

clause [vv86a]. clauses [dTGH92]. Clean [IM57, Jon65], cleaning [HBC+99].

Clearance [Bau63], Cleaved [FF86].

Clebsch [Rob67]. client [KLMV19].

climate [DT08, TPTH20]. Cliniker [MS67].

Clock [FS88, BH95, CDM92, HAMC+04, MWW+07]. Clocking [H075b, Okl03, Sea57]. clocks [DSS+92].

Closed [Mar60a, MS67, RK75, BSSZ76, KRC68, Lan77a, Mat03, Moo72].

Closed-Cycle [Mar60a]. closed-form [KRC68]. closed-loop [BSSZ76]. Closing [BCH+16]. cloth [Oh95].


Cluster [BBS78, Dan66, GPE99, RKW99, JSS13].

Clustering [BF77, BM63, Bon64, O'M85, SSW91, Sta86, DB01]. Clusters [Eas78, Sta84b, Sta87, MBJ+97, Sta89b, Sta9c].

Clutch [Fit57]. CMOS [ADG+95, Ano06b, Sta90, Agn02, BFG+06, BS95, BM+90, CAR+95, CTT91, DTH92, DTTK95, DAC+03, ECD+99, ESU+95, Fle95, Fra02, FHS06, Gre97, HND+06, HZH+06, HNS+03, HRC+08, Isa00, FFB+11, KB06, KCA+95, KACS95, KSL95, LSF84, LRTMT95, LCHL95, MMR89, Mat85, Now02, PZK+03, SSM97, SG95, Sec95, SWC+95, SPR+95, SWC+97, SMK+99, Sta02, TDM+87, TMF+95, Tan02, WL97, WMH+97, WNV+02, YS99]. CMS [BGW91].

Co [AKG+19, BCK13, Lye77, KKS02, SMP+04, IBM13c, Bra72b, Br78, OHSP76].

Co-design [AKG+19, BCK13, IBM13c].

co-simulation [SMP+04]. co-verification [KKS02]. Coal [St179]. Coated [CHBH85].

Coating [Was77]. Coatings [Ros78, LG88].

Cochlear [Ins77]. CODA [FPST14]. Code [Bar74, BM80, CHS66, KM20, Mar80, Mel60a, PH74, Pat85, WF83, Gla97, Gyg08, KL97, Mye72, TAE+07]. Coded [Voi65, GYK99]. Coder [GCPVG85, PMLA88, SM98, MP88a, MP88b, PM88].

Codes [Ano93f, BD62, Bla79, CR76, CH84, Cro70, Fra82, Gri60, H075b, Hsi70, HBC70, LM80, Mar61, MLT83, MG63a, Pat70, PR59a, Rog66, SS59a, Ull65, Wyn64, Gor63, How89, LKY80, Mac60, Meg60, Mel60b].

Coding [Fra70, Fra79, Fra80a, Fra89, HP63, Kobb70, MD65, Pip79, RL79, Win62, BK74, Dan82, Fra80b, KT70, KBS4, Lan84a, Lan84b, MP88a, Pat89, Ris76, TLM83].

coefficient [Rat68]. Coefficients [Beb62, DG84, MR72]. coercion [MKW+12]. Coercive [BB60, Pes71]. CoFe [JWSP06]. CoFe/MgO [JWSP06].

cognition [AWK20].

cognitive [BR17, BCS+18, KLV919, Pic18, ABD+18, DCC+17, KAA+18, KKH+18, NAN+18, RCP+16, SN15, WSCK17, MBK+15].

Coherence [CGR88, KH89, DY89, NNJ01].

Coherency [Fan64]. Coherent [But88a, Gef88, Loy79, RS69, SB62, SBJS15].

coil [BM68]. Coincidence [ZG65].

collaborative [PMS+17, RK15, WYF+03].

Collapse [How82, Gol69, Mil69, Mil00, NL69, Okt69].

collapsing [PV93].


Color [Ano59n, BJ80, Far83, FLCB85, Kan78, KFYU92, LMT84, Sam83b, KLV919, LL98].

Column [CERS76, Hsi70]. Combination
[WC69, BL15]. Combinational [Eic65].
combinations [SLZL18]. Combinatorial
[Kuh60, Luk75, Tuc60a, VIl82, Agr01, Bur72].
Combinatory [Bur72]. Combined
[HP84a], Comment [Aas70, Ber76a, DCB77, Lan96, Sta75, Tid62, Wie76].
Comments [Fre70, Rad62]. Commerce
[DLN14, BDMN14, DGH+14, HRZ14, KKL+14, YGR14, YMR14]. Commercial
[BFH10, FAJ+94, BEKK00, HRR99, Irv91, KEL+00, NAN+18, JMLW94].
commitment [BBSW97].
commitment-revision [BBSW97].
commodity [BCC+01]. Common [DB82, Bus71, CBV08, HKLM97, HB73, LH03].
common-core [Bus71]. common-mode
[HB73]. Communication
[Ahu89, Ano58f, Chau75, CR76, Chi60b, CW77, GRT74, MT77, SL67, Wie58, ZST+07, dG58, AGZ49b, AEH+04, DAS+94, ESW+95, FMP+03, GBRJ05, Irv93, Irv01, Pig88, SJW+16, Tho70, TJK03].
Communications [And65, Ano66j, Ast58, Bla65, Cha75a, JS81, Str83, WZ78, Wes78, JGD+08, MZS+03, PK04, Ung72].
communities [MDMN10]. community
[KEKP20, LH03, SXW+13]. Commutator
[Dun57b, Wal58]. Compact
[Mar80, Bra94, MN90, WSK+93].
Companion [MBK+15]. comparative
[MDH+12, SXYP12]. comparators
[BW81b]. Compare [KMC+11].
Comparison [Ano66]. Bla65, Boh73, BBT85, Bru78, Mat03, MW79, SBT87, SBH82, Fra89, GHN04, MD12a].
Comparisons [SLHM67]. compatible
[DTTK95]. Compatibles [Mar64a].
Compensating [Ins77]. Compensation
[Mec67, Phi78, KSK98]. compensators
[GB71]. competition [AUW+09, Sav69].
Competitive [SAPT01]. competitiveness
[KRS+17]. Compilation [Mar80]. Compile
[Laf80]. Compile-Time [Laf80]. Compiler
[BMS80, Chi86, Ris84, AKE+92, Bla94, GHL+04, SK86]. compiler-based
[AKE+92]. compilers [Sar97]. Compiling
[ACF+80, Arb86, DO86, Mye72].
complementary [DMR+81, PMW06].
Complete [Dub72, MR76a, Moo80, Hof80, Koz81b, Koz81a]. Complex [Cle81, CS65b, Far91, KCH+09, Nus76a, Nus76b, PPS82, Sch84, TS82, BGW+04, BFG+99, Gri04, Hol78, Kep75, Mas97, PBC+04, PAH+18, R WB+10, Rue72, SA98, SPS+06, SA00, Tib03, TBB+09, VMS+14, Wai05].
complex-arithmetic [Wai05]. Complexity
[CLW80, HP84a, HS11, NSS88, Sav70, Kri82, Pip81, Pip87, SS86, ZBBB17]. compliance
[BNN+09, Coo90, EPP10, MS07].
Component [BBT60, GSAB93, BBSW97].
component-supply [BBSW97].
Components
[Hud63, Kan78, SM78, DBK82].
Composing [Yha75]. Composite
[GS75, Kan78, Ros78, Fra94]. Composites
[MLSS84, MKV85]. Composition
[MS67, MOG+19, WTS+11]. Compound
[FZ88, MS67, TWF90, VBE94].
Compounds
[BMW83, BTH62, CK79, CGHK77, KSF90]. comprehensive
[BCH+16, vBBE+02].
compressed [FHP01, FR01].
compressed-memory [FHP01].
Compression
[LP75, TLR85, AGJA06, ATL+88, BK74, BL98, CDC96, Cra98, Kam98, KB74, Mar98, MRG99, SLJ+15, ZDB+18]. comprising
[AKRS04, CBB+04]. Computation
[Ben73, Ben88, BJ67, Che72, DHM75, Dub83, Duk90, Eli58, FL75, HST5a, Kog57, Kog58b, Kog58a, Kog59, LF77, Lev66, Mar90, MY67a, MY68, NQ78, BHH19, Ben00, CW58, CN94, FKL+08, Gl87, Mer04, NL17].
Computational [Ano19g, Bla88, CK17b, Cor18, Jam89, MOG+19, Moo72, NNN+06, PCW+17, RK75, ACM01, AUW+09, BH11, Her72, HMK01, KMGD19, TMS+01, VPV+19, Var19, VRA+09, WG19, HMOS81].
Computationally [ASL+19].
Computations [BRR79, Cle65a, NB61a, Sak79, Cle00, FAFL91, Pip87].
Compute [ABB+91, IBM13a, BHD+05, EBV+16, HBB+05, QBB+05].
Computer
[Ana80, Ast67b, BDWZ83, BS81, Ben59, BAH82, BL69, BHWZ63, Cha73a, Cha74, Cha75b, CDW75, Cho75, Cle81, Col69b, CC76b, CD85, CA01, Dah63, Dav82, Dec90, DLW86, Don81, FPST14, FCH70, Fla81, FE75, GL87, GMW80, HS85, HHH69, HLS81, HSC82, HCTS81, Jam81, JKG69, KKS+73, KL63, KO70, Kog57, Kog58b, Kog58a, Kog59, Kol67, Kra81, KP80, Lg87, La85, Len58, LS69, LV62, MFT77, Pet76, Rot66b, Rue79, Sch81, SSL73, SLG78, Sch96a, SB86, SW67, Sve78, SG64, TW62, Tod78b, Tue68, WF87, Wes90, Wri83, AGZ94b, Ano70a, Ano71, AHJ+57, ABM+01, Bau72, BK61, BHH03, BS91, Buc62, DH69, EGH+86, FL69, GR92, GM69, HVK+90, Ho73, Irv93, KLR906, Koe18, Led71, Mat98, Mol69, MS89, Nai02, NDM+04, Oka69].
computer
[PW72, QS67, RSS91, Rub90, Sta75, TFJ+96, Tho70, WC69, ZCM+96, GFS71].
Computer-Aided [Rue79, SLG78, Dec90, FPST14, FCH70, Sch96a, Ho73, KLR96].
Computer-assisted [JK69, GM69].
Computer-automated [KL63].
computer-based [PW72].
Computer-Controlled [BDWZ83, KKS+73, HMF69].
Computer-generated [BL69, MS89].
Computer-Operated [SW67, Col69b].
Computer-Output [Sve78].
computer-to-computer [Tho70].
computerized [LPPT86].
Computers [BBH+81, GBS+87, Her75, Skl76, BSHM01, BO69, BCC+05, Har71, LGF+03, SSW91, TR77].
Computing
[AST74, CGH+77, HM87, MR14, Nus77, ABD+18, AH+91, BBPS91, BB69, BJ06a, CRAG18, CBD+09, DP13, EGN+19, FGG+13, Fro71, FLB+19, IMC+10, JDBP10, KSA+04, KHH+18, LD+10, Lan61, Lan00a, MC09, NRD+09, PWW13, RAG11, Rit13, RBL+09, RLP14, SHV13, SN15, VLB+09].
Concentrating [Hov78].
Concentration [Col62, Bar86].
Concept
[Cha75a, Joz04, KBF+04, RK15].
concepts
[DHK00, KMK+02, SCC+15].
Conceptual
[CA84, SLDC86, Sow76, SW86, VPD88, KMGG19, MOG+19].
Concerning
[Coo62, KW62].
Concurrent
[LT70, AR87, CHMW07, KM98, PVA02].
Concurrently
[CNSS12].
condensation
[ESAO92].
Condition
[Rob67, MY65, Mir61].
Conditional
[SJ99].
conditioning
[GBV17].
Conditions
[LA68, SL83, SM69, AG72, SUG59].
Conducting
[Ang01, BMW83, SSS83, SC81].
Conduction
[BB82, But88b, CHS82, DA77, FK60, Lan88, LCH64, OK82, PW83, Pri58b, Pri69, Sane83, Sch64, SARG80, SC88, WH93, BRB92, HOWP92, KLM+91, Lan57, Lan96, Lan00b, LMP09].
Conduction-Cooled
[OK82].
Conductive
[NO98].
 Conductivity
[Bay69, CJT62, CFH64, ET70, ODR70, Was98, CNC+08, Kahl71, MNS69, Nes98, PAI69, SNM69].
conductivity-temperature
[Kahl71].
Conductor
[Adl84, Me62].
Conductors
[WWMS79, BFH+93].
Conference
[Ano58f, Ano70a].
Conferencing
[BBD+98].
Configurable
[AKR04].
configuration
[BHK+02, PVA02].
configurations
[HRW69].
confined
[ETW008, MKJ93].
conformable
[Lin76].
conformable-contact
[Lin76].
Conformational
[Cle81].
conformity
[ABH+19].
Conjugate
[RV89, CW72].
Conjugate-gradient
[RV89].
Conjunctive
[GA57].
Connected
[LCB93, GLC93, CGL93, Col93, MAH93, RBWH93].
Connected
[MS87, SN87, FGH+06, KMO+14].
Connection [DKR12, FGC92, GLOS92, How82, NSOO98, VHL81, CdLS92, ES92, Tag09]. Connections [FHL+82, Kur57, BRB92]. connectivity [WYTO04].

Considerations [AKK+67, BS84b, CT82, Coo62, Cor84, GS82b, LST80, Padd83, RP78, RGL75, CGL93, GH96, HBB99, JLL99, KL70b, LL93, MDG+06, Pat72, SK98, SY92, SV92, VMM+94, YS99, ZY72]. Considered [Pim76]. Consistency [Map62]. Consisting [Lan85]. console [VWE02]. Constant [Esa62, GMT57a, GMT57b, Tit61, MRG99]. constant- [MRG99]. Constant-Input-Flow [Tit61]. Constant-Temperature [GMT57a, GMT57b]. Constants [Col59, CS65b]. constitutional [AT00].

Constrained [Bud67, MLT83, CFP+07, FrA89, Fra02, Jan69, TLM83]. Constraint [Coo84, NRA+07, Wol72]. constraints [Coo90, Lan77b, RMM03, VKE14].

Construct [Paz75]. constructing [ADG+92b]. Construction [CW86, Fra82, KMC+11]. constructs [BS06]. Consumer [MSC14]. Contact [CEHL78, DG93, GR87, IM57, JW82, RWC80, TDM+87, BNSG09, Lin76].

Contactless [VCP80]. Contacts [Ove70, SGC+87, BS71a, BCT89, KSH+08].

Container [RBL+18]. Containers [ABD+16, BBK+16]. Containing [BBKW86, FPS66, Keh65, PF66, Bra68].

contaminant [Whi93]. contaminants [AKKJ72]. Content [IM60, MW62, MH98, SJ70, AN98, CFP+15, HJW+16, MAD+98].

Contents [Ano57a, Ano57f, Ano57l, Ano57y, Ano58g, Ano58h, Ano58i, Ano58r, Ano58s, Ano58u, Ano59e, Ano60f, Ano60g, Ano60h, Ano61e, Ano62d, Ano63e, Ano66g, Ano66h, Ano66i, Ano67h, Ano67l, Ano67q, Ano67l, Ano67m, Ano12f, Ano12f, Ano12g, Ano12f, Ano12l, Ano12i, Ano12k, Ano13d, Ano14l, Ano15l, Ano16e, Ano16g, Ano16h, Ano17d, Ano17e, Ano17f, Ano18e, Ano18f, Ano18g, Ano18h, Ano19k, Ano19l, Ano19m, Ano19n, Ano20c, Ano13c, Ano14k, Ano14m, Ano14n, Ano15i, Ano15j, Ano15k, Ano16f]


Contextual [BR17]. Contiguous [JHH+81]. Continental [SKK14].

continuation [BS71b]. continued [AGN02]. continuing [Gre97]. Continuity [To88, WAB+09]. Continuous [Ano06b, AAC+06, BGS64, PR65, CDSW06, EGH+86, Gre59, MHW95, NBF+00].

continuum [ABM+01]. contour [GMNE63, Kep75]. contract [BBGW07, TYS99].

Contrast [Dan77, Kov59, RDD+98, DP13, KJP11].

Contribution [Key61a, MR14].

Contributions [BS81, Sam81, Sor79, Sor00, Gar00].

Control [Ast67b, BS84a, Ben59, Bla59, Bla79, BT67, Bud67, CL76, CAE+76, CW77, Cle83, CI76, Dav77, DB76, FLS78, Fre67, Gll84, GH67, GMT57a, GMT57b, HBB+05, HKM+16, KST58, LHW81, Len58, Log70, LMD70, May85, MS67, RR83, Rob67, San83a, SH57a, SSL73, TL70, War63, Yas85, Yss87, AD82, AAB+16, BEK+02, BSZ76, BTW72, BTW92, BM68, BM96, Cat70, CAC+95, CDD+10, CH82, Coff92, FS82, IM+10, KL97, KL94, Lew78a, NNM10, Oka69, Pat89, RM09, SG94a, SBB+09, SCW10, Stu70, Tho70, WGS04].

Control-Word [Bla59]. Controlled [BDWZ83, Bov69, How82, KKS+73, LW77, Mil69, Mil00, NW64, Dur70, Gol69, Gre60, HHF69, Nic92, NL69, Okt69, TYSS19].

Controller [ZST+07, CW91, Pig88, RSING82]. Controllers [DB82, Kis03, SLC09, Sou96].

Controlling [Car77]. Controls [Ano67t, BCD+85, VOW+12].

Conventional [Ano66j, Bla65, Won02].
Convergence
[BJS80, Cha87, CW72, JP94, Ung72, Wol72].
convergent [Bra72a]. Converging [Jam89].
conversation [Elg11]. conversational
[KSSC+13, SP17]. Conversion
[LSH76, RP67, SCYK78, Wal58, RFB+03].
converter [HB73]. converter [BW81b].
Convex [AW76, Dim78, Dor60, JP94].
Convolution
[AC86, Coo82, BSRG17, Kri82].
convolutional [SP17]. convolutions
[Nus76a, NQ78]. cool [ESA02]. Cooled
[NHH91, OKS2, BBMP92, BRB92, DGG+92,
GGRW91, Hja91, KLM+91]. Cooling
[CHS82, CAC+05, DGG+92, GZM92,
GKMMP04, SN02, SAB+02, TBG+15].
cooperation [AUW+09]. Cooperative
[JKB+13, KW62, Mor79]. coordinate
[MN90]. coordinated [EEM15].
Coordinates [KKKS+73, RSL+70].
Coordination [DSS+92]. cope [WN92].
Copenhagen [Mer04]. copier [BHRS72].
Copolymers [Smi77]. Copper
[ADH70, AG1L85, JC63, KWJ84, AdH00b,
AUD+98, DKA+05, GB93, JK93, KSZ92,
RKL88a, RKL88b, SD71, TKK+92,
VBD05, YCB05]. Coprocessor
[ECD+99, YS99, AV04, ABC+12]. Core
[Bru78, FP57, RRSW61, WWLF67, AF99,
Bus71, CNS12, KMH+98, LVT+18, SLC09,
SVE+15]. Core-Level [Bru78]. cores
[ATC+15, BL98, SK98]. corporate
[CC+20, GMX14]. Corporation [Don00].
Correct [MG63a, Wyn64]. Correctable
[How84]. Correcting [ABB+85, CR76,
CH84, Gri60, SS59a, Mac60, Meg60].
correcting/detecting [AC84]. Correction
[Bos70a, BS70, Dah63, ELMR77, GSC80,
Mel60a, PL81, Par80, SFH65, Bos70b,
Gor63, Mel60b, OCT68]. Corrections
[PS80, PW68]. Correctness [Bir74, PV93].
Correlated [Lik88]. Correlation [Lew83,
Sta87, Wat60a, Fil70, Pes71, RRMD17].
Correlative [TG91]. Correspondence
[WFS87]. corresponding [Swi62].
Corrosion [BFH+93, GC68]. Cortical
[UC62, LRSN17]. COSFIRE [GSAP17].
CoSi [Tu90]. Cosmic [ZS96, ORT+96,
Sri96, Tan96, ZMM+96, Zie96, Zie98].
cosmic-ray-induced [Sri96]. Cosserat
[Bog79]. Cost
[BGR82, HBC+99, SCYK78, AP69, FN95,
GBB+05b, HSS+10, Irv93, KBA07,
LRMT95, LCHL95, VMS+14, VNT16].
Cost-effective [HBC+99, KBA07].
cost-sensitive [VNT16].
Cost/Performance [BGR82]. costs
[KLHW16]. Counter [Car60, Sp63, ZG65].
countries [AKN110, SGESR10, YGR14].
Country [HS14]. Coupled
[Cha62, CH74, CP63, Gra80, GCH75b,
MT64, AF68, HCL72, JS72, NLP17, Pat73,
PBK+09, SV92, TCP+16, TGC+80, WYS92].
coupled-systems [SV92]. Coupling
[Bla63, GE02, PSP06, Sur15, Swa60, Far98,
HRW69, Ion98, SKE+18]. Courant
[Lax67].
Courant-Friedrichs-Lewy [Lax67].
Covalently [DK79]. Cover
[Ano11, Ano12b, Ano12d, Ano12a, Ano12c, Ano12e, Ano12f,
Ano12g, Ano12h, Ano13a, Ano14c, Ano14d,
Ano14e, Ano15b, Ano15c, Ano15d, Ano16a,
Ano16b, Ano16c, Ano17a, Ano17b, Ano17c,
Ano18a, Ano18b, Ano18c, Ano18d, Ano19b,
Ano19a, Ano19c, Ano19d, Ano19e, Ano19f,
Ano20a, Ano13b, Ano14a, Ano14b, Ano14f,
Ano14g, Ano14h, Ano14i, Ano14j, Ano15a,
Ano15c, Ano15f, Ano15g, Ano16d].
Coverage [BH82, EL83, LMD70]. Cr
[VJR70, MU77, WB70]. Cr-Doped
[WB70]. CR-SiO [M7]. Crack
[CS65a]. Cracking
[DS65]. Cracks [Keh55]. Crank
[Fia65]. Cray
[PBB96]. CRC [Gla97, Irv01].
CRC-32 [Gla97]. Creating
[KEKP20]. Creation
[Luh58a, GGH+13, GMX14,
KLMV19, RSS+15]. Creative
[RAM19, ASL+19, WG19]. Creativity
[Ano19g, MOG+19, VPV+19, Var19]. Creep
[BTT79]. Creeping
[MW67]. crew [VA07].
crew-scheduling [VJA07]. crises
[PSD+17]. CrisisTracker [RVT+13].
CRITAC [TSNF88]. Criteria
[Bra64, Pol86]. Criterion [Pis74, Bra68].
Critical
[CDM89, Fre96, Sch89, Swe62, PTC16].
crop [BKF+16, NT72]. Cross
[Gra80, JS72, Pat85, Les71, MMJ69, TT198].
Cross-Coupled [Gra80, JS72].
Cross-Parity [Pat85]. cross-sectional
[TT198]. crossbars [JAC+19]. Crossed
[MW70]. Crossover [Ge88]. crosspoints
[RTL69]. Crossstalk [PL83, LL98].
Crowdsourced [RVT+13]. Crowdsourcing
[JQB+09]. Crucibles [CSY79]. cruise
[CPvR00]. Cryptographic [ADH+07, ECD+99, SY92, AV04, ABC+12]. Cryptography
[Cop87, Cop00b, BAB+13, Smo04, VDO14].
Crystal [Boy60, BS64, CFG64, Dav77, DC82, Fre62, McG92, Key61b, Mar60a, SOC59, BA70, CDM89, Rat68, YHA71].
crystalline [Seg62, Smi60]. Crystallographic [AS87].
crystallography [HMK01, Tofo4]. Crystals
[Cam57, FK60, IM60, Key61b, Mar60a, SOC59, BA70, CDM89, Rat68, YHA71].
CSP [Woo87]. CTS [DMR+81]. Cu
[BPL+89, CDM89, CS+89, BH89, BDM+78, Dem78, HSM84, LR65a, MRH89, Var97, VDP94, vHv+89]. Cu-O [Var89]. Cube
[Par60, NA+15]. Cubic [Ins76, Dim78].
cultural [DS+12]. Culture
[AWK20, NBF+00]. Cumulative
[Ano93c, Swa61, EKR87]. CuO
[ABK89, ACM+89, BEH+89, EHK+89]. cup
[SZ96]. cuprate [Kit89]. Curating
[KB+18]. curation [RVT+13]. Curie
[DK67]. curious [VPV+19]. Current
[Bar69, BGS64, Bre60, BKM80b, Ghe80, Gun64, JMM+96, Ken61b, KWB88, Kit89, Lan86, LV67, Mat85, MN67b, MG63b, Ove70, SSG69, Smu57, SH69, CDM89, Dha68, Duk90, EB91, GNF06, HC69, NFI+08, Sun06, TPTH20].
current-perpendicular [Sun06]. Currents
[CGR88, CP86, DA77, Duf59, Lan88, MS60a, Lan57, Lan96, Lan00b]. Cursive [Tap82].
Curve [Nor58]. Curves
[RR87, Swe62, YWK64, AO97, ODA03]. Custom
[ADH+00a, BBHS84, CS99, Cor82, EFG+05, MM82, SPR+95, Ver80, ABB+99, KSL95, WL97, BM84]. Customer
[BNSG09, BEJ+14, ET69, JS14, KAF+16, KSSC+13, LPMDG14, SMX+14, YBF+14].
Customer-focused [BNSG09].
Customization [HY84, Elg11]. Cusum
[Yas85]. Cusum-Shewhart [Yas85]. cutoff
[SS86]. cutting [Her72, Sav90]. CVS
[HY84]. cv
[KACS95, HFDN63, Key71, Mar64].
Cyanine [Lew78b, Mer78].
Cyanine-TCNQ [Lew78b, Mer78]. Cyber
[Viv14]. Cybersecurity [Pal14]. Cycle
[Mar60a, RBC78, BB09, GKMP04, MDR+07, Van97, VMG99].
cycle-simulation [VMG99]. cycle-time
[MDR+07]. cycles [MH01, Mat03]. Cyclic
[LCH74, LM80, Mel60a, Ull65, Wyn64, BBI94, Gla97, Gor63, Inv89, Inv01].
cyclic-redundancy [Irv89]. cycling
[RHC73]. Cyclotron [DV64]. cylinder
[Jan69]. Cylinders [BBT83]. Cylindrical
[BGT74, Ken61b, KG63, Zab79, LC83].
Czochralski [LL83, MPCM82].
Czochralski-grown [MPCM82].

D [DWA+08, EFR+05, EK08, KYY+08, RG09, SAT+08, Sch67, SJMBK08, ZVV+11].
D-Chains [Scha67]. dairy [LZZ+16].
Damage [HD69, Fon99]. damascene
[VBDA05, AUD+98]. DAMOCLES
[LFF90]. damper [LR79]. Dark [DA77].
DASD [KLRS96]. dashboards [YMR14].
Data [ÁC64, And65, ADST78a, AHN+03, BJSS0, Ber76b, BL98, CAE+76, Cha75a, Cla03, CPCC18, CMW92, CDH64, Cro79, DSW63, DG84, DC73a, DGB78, DAUS91, DMP59, Eas75, Eas86, EKMW64, Fal70, Far83, FLCB85, Far91, GLS74, GLP76, GS74, GHK67, God74, Gri69, Hal76, HLZ+99, HF78, Hop59, Hop61, HP84b, JS81, JMLW94, Kan78, Kob70, LS76a, Lew80, LS76b, Lom77, Lom80, LN79, Low78, LSH76, McG81, MI10, NDV, Kon69, KSSC, Kan15, KCML13, KOP14, KB74, KBF+04, Kon69, KSSC+13, KDG15, KSA+04, Kri82, KAC95, KR5+17, MTF+95, MYKK+17, MA96, MCN94, MCG+15, Mel60b, MAD+98, MI10, NNV+09, NMTP14, OTC14, OOL+12, PMS+17, PK03, PR71, PMW06, Rei69, SG71, SCI05, SI09, SG94a, SBB+09, SNA02, SLJ+15, Sto91, SMX+14, TB00, TG91, TJHK03, VPV+19, VMAB18, VRA+09, Wei76, YSR09, YR91, CDF+14, Cop94, GGH+13, HAG+13, HCG+13, JSS13, Mal13, RCP15].

data-based [SMX+14]. data-center [MI10].
data-centric [HLZ+09, DF15].
data-driven [KRS+17]. Data-intensive [AHN+03]. data-management [FFG+13].

Data-Recording [SW74]. Database [Eas78, FLW78, Fag77, LDSY91, TPF+91, ZDB+18, vv86a]. datacenter [KDT18].

Dataflow [PMS+17]. datasets [GDB16, SHCV19]. DataStores [RCFN+08]. Datacenter [Bre72].

Daivenko-Branin [Bre72]. day [DSS+92].

Days [Gol87, Snd04]. Db2 [CHJ+18]. DC [Ho75a, Sak79, WF83]. DC-Balanced [WF83]. DCS [Wei91]. DDR3 [VLT+12].

deadline [CSW73]. Deadlock [Ahu79, Aum80, ABF+10].

debonding [RKLS88]. debt [Mar12]. Debugging [DFF+15].

Decay [DB79, SG71]. Decimal [DDZ+07, Grg90, SCD+09, WET10].

Decision [KT73, Pt77, RFS9a, AYA14, CDG+10, FKOW16, JW+11, LB07, LPMGD+14, MD12a, Mye72, PW72, RDL19].

Decision-Feedback [KT73]. decision-maker [MD12a].

decision-making [PW72, RDL19].

decision-support [JWW+11]. decisions [GMX14, ZBG+10]. declarations [ABH+19]. declarative [NMTP14].

Decodable [LM80, LKY80]. Decoder [Pat86, Sav70, Smu57, Bla84a, Bla84b, Noh95b]. decoders [LL99].

Decoding [Jel69, Mer88, Moo60, Ull65, Kob71].

Decomposing [BZ06a, CFS+19].

Decomposition [BRA84, DC73a, DCB77, PL79, PAH+18, HT69, KBP+12].

decompression [KMH+98]. decoupling [HOW92].

DED [Hsi70]. deduction [AC92]. Deductive [Wet60b]. deemed [ASL+19].

Deep [BBB+17, CK71a, CNP+17, DB20, EGN+19, KSA+04, MBM12, SH69, AKB+19, AC92, ARS+17, BHW+17, BSGR17, CFS+19, GKT17, NG17, Lin76]. Deep-Level [SH69].

Deep-UV [Lin76]. DeepQA [GLK+12, KPB+12, KWB+12, WKF+12].

defaults [CHdTG92, dTGH92].

Defects [DJ70, FF73, HB74, SARG80, Sta83, Sta85b, WA79, BMT+90, HS71, YCB05].

Defect-Related [SARG80]. defective [Hu90].

Defense [HT16]. Deficiencies [SK69]. defined [KS69], Deficiencies [SK69].
[AAB+14, AAS+14, AHH+14, BBG+14, DOJ+14, EM65, FHL+14, KRĐ+14, KFW+14, LBC+14, MSV14, SMC+14].

**Defining** [WSE+16]. **Definition**

[CAE+76, Lou80]. **Definitions** [CT65].

**Deflection** [ELMR77, FBW77, Zwe65].

**Deflector** [KHKM64, Rab69].

**Deformation** [GLCW93, WS72].

**Degradation** [HW87, Lud00]. **Degree** [Hau67, MM94].

**Delamination** [AGLM85, Kio87]. **Delay** [BDMW81, Cal81, Fra80a, Fra82, BH95, BMT+90, CH06, FN95, KSK98, MTB+90, NLP17]. **Delay-cost** [FN95].

**Delay-test** [MTB+90]. **Delayed** [BSSZ76].

**Delivering** [ODL+99, OEN+16, CCE+20, VSS+09].

**Delivery** [BNN+99, JQB+99, KJS09, LRV+99, Tag99, VMS+14, Yar12].

**Delocalized** [ISH+88]. **DELPHI** [FRPG01]. **delta** [LEY80, HF91].

**delta-decodable** [LEY80].

**Demagnetization** [Kum65]. **Demand** [ABB+99, BT84, Fro84, LMT84, Elg11, WAC+16].

**Demodulation** [Hop59].

**Demultiplexor** [GP60a].

**Dendritic** [AF99, RT99].

**Dendritic** [CD78].

**Dense** [GSC80, AGZ94c, FKK+93, Gus97].

**densities** [ABB+08].

**Density** [BDWZ83, BKM80b, BCRW82, CDS+86, Erdr88, Gra80, Hoa61, LHW81, Ove70, PH74, Pat85, Sch85, Sko85, Sta85b, CCJH81, Hoa00, MTF+95, Nai02, Ngu99, PSA+08, Pat73, PK88].

**Department** [Go87, WH94, Oka69].

**Dependability** [ST89].

**Dependence** [Bru76, CH74, Dou62, Hun59, ODR70, Sve62, Tin62, Whi70, Sar91a, vHv+89].

**dependencies** [Fag77].

**Dependent** [Fra79, AKK72, Fro71, Mel60b, Nef98].

**depletion** [LBT99].

**Deployment** [CDG+10].

**Depolarization** [KH75].

**deposit** [Jon72].

**Deposited** [Ahn66, KE87, O’H78, PDLM67, SJ70, AF68, Gri99, OSP+98].

**Deposition** [Ham78, KS79, KWJ84, Bea90, CNC+95, CNS+99, Fon99, GMP90, JLT90, Mey90, Mey00a, Ngu99, OHWR88, Ros99, SLR72, YAJ90].

**depth** [CBV08, SS86].

**depth-first** [SS86].

**Derivation** [Mar64a, SS76].

**Derived** [ARV64, ESS+20, LS73].

**dermoscopy** [CNP+17].

**Descent** [Lan66].

**Describing** [Her66, NB61a, NB61b, Can73].

**Description** [LST80, MO84, OHM+85].

**Design** [AKK+67, ABCR65, Abb66, Aic84, AAC+05, ABPS66, AF99, BM84, BBSW97, Bea90, BHP83, BFL66, BAH82, Bok78, Bro78, CD78, CT82, CDS+86, CMPR64, CA84, CCG+64, CCG+81, CBB+05, CP63, Cor82, Cor84, CDS73, CDS00, Dan81, Dav82, Dha86, EBH+16, EMM+18, Eic18, ESA02, EGH+96, FHVZ80, FLBZ85, FN71, FGM+83, FHL+82, FPB+11, Ghe80, GAOD71, GH96, GR92, GHH76, GLS00, GKH05, GSH82b, HNS+10, HPWW81, Has66, HP66, HD73, HY84, Hea76, HO96, JRS+18, Jur78, KS09, KMO64, KC66a, KKT+95, Kos15, Kue60, LV67, LL93, Lip92b, LST80, Mac60, MDG+06, MO84, MFT77, ML82, MDR+07, MM82, MHI98, MAD+98, Mon82a, MHR90, Mul74, MT64, Nii95, Osw74, Pad83, Pat72, PK03, Poh86, PSS07, RK72, RR83, RGL75, RWM+05, RP66, SA08, SGS+96, ST75].

**Design** [Sch81, SHR+09, Sch80, SST67, SG95, SBP+03, SCC+97, SON+91, SBDT+09, SK98, SV91, Sta90, SCG+13, TK64, Tay84, IBM13a, Tro80, TFL+98, VMM+94, Ver80, VLB+09, WW75, WII85, WCB+86, WWK+87, Yas85, ZL87, AGZ94a, ADH+00a, AEZ84, AFM+02, AKG+19, AKRS04, AHJ+57, BLM+92, BDN+02, BTP+90, BPS+06, BBD+02, BJM+06, Ber76a, BAB+07, WBW+18, BH11, BCK+05, BBMP92, BKR02, BCK13, BBC+08, BHD+05, BMT+90, Cha88, CTS+92, CBC+18, CAD+09, Cor93, CW91, CCW+02, DBB+02, DKKR07, DHK+92, DeM91,
Dec90, DGG+92, DEH+12, Dus71, FI73, FAFL91, FRS+18, GGKK06, GM69, GPL+92, HDW+07, Hen68, HCG+13, HBB99, JAC+19, KLD3, KLRS06, KBM+99, KBK+97, KOW08, Kun92, LR79, Man90, Mar12, MMR89, Mat98, NCB03, ODA03, PBC+06, PKB96, SNP06, Sec95, SPR+95, SWC+97, SY92, TSH92, Tau02].

**design** [IBM13c, TBB+09, TBB+15, TFL82, TR77, WKP+02, WBW+15, Web00, WPL+12, Wei91, WBD+11, Wic76, WIC19, WHK+09, WYF+03, WBS+18, WYS92, YS99, ZY72, ZBBB17, ZTC+13, ZFD+15, RW07].

**designed** [NAN+18, WW71]. **Designer** [Wil97]. **Designer-level** [Wil97]. **designers** [DRSM15].

**Design** [EEM15, SMSC14, SN15, VSS+99, GB71].

**Designs** [ADS72, BBHS84, LKL+81, Mon82a, CT06, GBRJ05, Kum98, SRCW97, SRH+18, WET+10]. **Desk** [Tod78b].

**Desk-Top** [Tod78b]. **Desktop** [BBGE14].

**Detailling** [BJB66]. **detailed** [HdTR06].

**Detecting** [CR15, AC84, BDH+19, FRPG01].

**Detection** [ABF+10, BIH82, Dan66, Dav80, Eic65, FF73, LT70, Mon86, PSH80, PM72, VMA81, ZG65, CJH+15, DF15, EOH10, Hei90, KCM13, OCT68, PL20, SBG+13, SKSP06, SXW+13, VNT16].

**Determination** [AO01, BBD63, BBT89, EWS+13, FXL01, GSVE83, HS81b, MN67a, MWN63, PC64, Sch84, Seg02, vS57, GSF71].

**Determine** [Spr61]. **Determining** [Ahn80, AW76, BBT60, Gec74, MD65, MS67, SH57b, SH57c].

**Dev** [Ano93c]. **Develop** [ACG+87, Ber76a, DCB77, Lan96, Sta75, Wie76].

**Developer** [RKLL8a].

**Developer-induced** [RKLL8a].

**Developers** [KM20]. **Developing** [LGF+03, AKNR10, HMK01, VSS+09, YGR14].

**Development** [Ano06c, AEE77, BSS82, Bal05, BDS+97, CCC+79, CC76b, DWGC85, Des02, Des04, Fit57, FL67, GP06a, GRS87, GW57a, GW57b, KAB+05, Nor58, PPS82, PERW02, PCHR81, SPP72, Tro80, Tu75, ATW06, ABL+84, ABR71, AAH68, AHM+07, BKN10, Bro85, DYK10, EMM+18, FPST14, GON+06, GMR10, GHL+04, GAOD71, Ito97, Ito00, LCHL95, LMW+01, PBC+06, RBB+02, RH90, SM71, WTT+14, WIL93, PS09].

**Developments** [Con60, May81, OOS1, CBH+05, Lax67, VWBP90].

**Deviation** [JD66]. **deviations** [Swi62].

**Device** [Ano06b, AGAP63, BGK+80, CLP+13b, Dun57b, DMIN+59, Esa62, GHP+85, Hoh78, HWC88, JKB+13, KMCY82, KGCS85, LB85, LCH74, PSS67, RGL75, RWC80, RHM63, SB64, Tro80, AAC+06, BKS+08, Bus71, CS84, FP73, HBB99, HHC+18, LHJ69, MHW95, RH90, Sch91, TS69, TGB+80, Vin81].

**device-independent** [CS84]. **Devices** [Ano06b, BT84, BCGS81, CH74, DO74, FC79, Gae79, Han77, Her65, Hor62, Hof78, JHI+81, KH88, KN81, LF64, ON60, OK82, Phi78, Yu61, BCGS00, CLP+13a, MJD+06, Hvk+90, Hcl72, HST06, KKT09, LFF90, LLF+92, OYHSB14, Pat73, RRB+01, SAK70, Wic90, WYS92, ZG71].

**DevOps** [MWX+17].

**dextrous** [NS92].

**DFT** [ACM01, RS85].

**DFT-based** [ACM01].

**DFU** [EW+07].

**Diagnosis** [Bar83, EL83, FE75, Pet77, Rot66a, SLG78, Sta90].

**Diagnosis-Oriented** [FE75].

**Diagnostic** [CW83, Sch67, TS82, Osb93].

**diagnostics** [GBB+05a, PHCM05, SMK+99].

**diagonal** [CAW+98, KFY99].

**Diagram** [MJ69, MS87, SN87].

**Diagrams** [CA84].

**Dialogue** [Hei76].

**Dialogues** [LG78].

**Diameter** [Rio60].

**diameters** [HS60].

**Diamond** [Ros78, TK64].

**Diamond-Composite** [Ros78].

**Diamondlike** [GMP90, Gri99].

**diarrhea** [TBH+17].

**diazo** [CH82, HMM82].

**diazo-type** [CH82, HMM82].

**dichroism** [SN98].

**Dictionary**

Dielectric [Buc99a, CS65b, MVK85, OPR+78, O'H78, OG80, Sch62a, SAK70, UL70, ABC+99a, Buc99b, CNS+99, Gre68, GFN60, LV94, Ngu99]. Dielectric [Buc99a, CS65b, MVK85, OPR+78, O'H78, OG80, Sch62a, SAK70, UL70, ABC+99a, Buc99b, CNS+99, Gre68, GFN60, LV94, Ngu99]. Dielectric [Buc99a, CS65b, MVK85, OPR+78, O'H78, OG80, Sch62a, SAK70, UL70, ABC+99a, Buc99b, CNS+99, Gre68, GFN60, LV94, Ngu99]. Dielectric [Buc99a, CS65b, MVK85, OPR+78, O'H78, OG80, Sch62a, SAK70, UL70, ABC+99a, Buc99b, CNS+99, Gre68, GFN60, LV94, Ngu99]. Dielectric [Buc99a, CS65b, MVK85, OPR+78, O'H78, OG80, Sch62a, SAK70, UL70, ABC+99a, Buc99b, CNS+99, Gre68, GFN60, LV94, Ngu99].

Dielectric [Buc99a, CS65b, MVK85, OPR+78, O'H78, OG80, Sch62a, SAK70, UL70, ABC+99a, Buc99b, CNS+99, Gre68, GFN60, LV94, Ngu99]. Dielectric [Buc99a, CS65b, MVK85, OPR+78, O'H78, OG80, Sch62a, SAK70, UL70, ABC+99a, Buc99b, CNS+99, Gre68, GFN60, LV94, Ngu99].

Dielectric [Buc99a, CS65b, MVK85, OPR+78, O'H78, OG80, Sch62a, SAK70, UL70, ABC+99a, Buc99b, CNS+99, Gre68, GFN60, LV94, Ngu99]. Dielectric [Buc99a, CS65b, MVK85, OPR+78, O'H78, OG80, Sch62a, SAK70, UL70, ABC+99a, Buc99b, CNS+99, Gre68, GFN60, LV94, Ngu99]. Dielectric [Buc99a, CS65b, MVK85, OPR+78, O'H78, OG80, Sch62a, SAK70, UL70, ABC+99a, Buc99b, CNS+99, Gre68, GFN60, LV94, Ngu99].

Dielectric [Buc99a, CS65b, MVK85, OPR+78, O'H78, OG80, Sch62a, SAK70, UL70, ABC+99a, Buc99b, CNS+99, Gre68, GFN60, LV94, Ngu99]. Dielectric [Buc99a, CS65b, MVK85, OPR+78, O'H78, OG80, Sch62a, SAK70, UL70, ABC+99a, Buc99b, CNS+99, Gre68, GFN60, LV94, Ngu99]. Dielectric [Buc99a, CS65b, MVK85, OPR+78, O'H78, OG80, Sch62a, SAK70, UL70, ABC+99a, Buc99b, CNS+99, Gre68, GFN60, LV94, Ngu99]. Dielectric [Buc99a, CS65b, MVK85, OPR+78, O'H78, OG80, Sch62a, SAK70, UL70, ABC+99a, Buc99b, CNS+99, Gre68, GFN60, LV94, Ngu99]. Dielectric [Buc99a, CS65b, MVK85, OPR+78, O'H78, OG80, Sch62a, SAK70, UL70, ABC+99a, Buc99b, CNS+99, Gre68, GFN60, LV94, Ngu99].

Dielectric [Buc99a, CS65b, MVK85, OPR+78, O'H78, OG80, Sch62a, SAK70, UL70, ABC+99a, Buc99b, CNS+99, Gre68, GFN60, LV94, Ngu99]. Dielectric [Buc99a, CS65b, MVK85, OPR+78, O'H78, OG80, Sch62a, SAK70, UL70, ABC+99a, Buc99b, CNS+99, Gre68, GFN60, LV94, Ngu99]. Dielectric [Buc99a, CS65b, MVK85, OPR+78, O'H78, OG80, Sch62a, SAK70, UL70, ABC+99a, Buc99b, CNS+99, Gre68, GFN60, LV94, Ngu99]. Dielectric [Buc99a, CS65b, MVK85, OPR+78, O'H78, OG80, Sch62a, SAK70, UL70, ABC+99a, Buc99b, CNS+99, Gre68, GFN60, LV94, Ngu99]. Dielectric [Buc99a, CS65b, MVK85, OPR+78, O'H78, OG80, Sch62a, SAK70, UL70, ABC+99a, Buc99b, CNS+99, Gre68, GFN60, LV94, Ngu99].
[PAH]18, PCW+17. **Diseases**
[FE75, CXZ]17. **Disjunctive**
[(Ga57, Rai69]. **Disk**
[Ada80, BT78, BFT79, BBT85, CM74,
Coo90, DB82, Ha67, Hoa61, How84,
JHH]17, Len74, MR79, Mul74, MTS1,
ND57, Osw74, SW74, Adi87, AFF96, BCT89,
BE03, Dec90, FMP93, HDBR08, HBP+]17,
Hoa00, HHA93, HS04, Jon72, MoC94, ND00,
Ono93, Pat89, Sch96a, SPR+95. **Diskette**
[DB82, Eng81]. **Dislocation**
[BA62, IM60, JD66]. **Dislocation-Induced**
[JD66]. **Dislocations**
[DH61, MB75, MKP73, FMS+92]. **disorder**
[Ha77, HHB+89]. **Disordered**
[Pen88, Was88]. **Disorders**
[Ins77]. disparate [BL15, SY12]. **dispatch**
[ET69]. **Dispatching**
[And73]. **Dispersion**
[KHBC66, YWWK]64, PL73, Shi72, WL73].
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[Che64, Sko58, ES]20. **displacements**
[CMR72]. **Display**
[AS78, DSW63, Far83, FLCB85, GBS+87,
Lan74, LS78, MLGD84, McG92, OPR+78,
San83b, AN98, ARM+01, CAW+98,
DSR98, How92, LCL+]88, NSOO98].
**Displaying**
[BBPS91]. **Displays**
[BJS80, DC82, SW98, SS78, APO92,
AIH+]88, KFY92, LL98, R]28, SSS+98,
TSH98, TCC98, WR00, WWA+]88].
**disposal**
[Fre72]. **dispositioning**
[BKP]82. **Dissimilar**
[BBT60]. **Dissipation**
[KL70a, Las61]. distraction
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[Ito01, TO77, Dat93]. **Distance**
[DPR86, Mar61, Pat70, Mac60, Nef90].
**distances**
[HWW]72. **Distillation**
[Bi70, Bi72]. **Distortion**
[ELMR77, Fa70, SFH65]. **Distributed**
[BHH]17, CMW92, MW82, RC17, ABE+02,
AGZ94b, CN94, DP13, HG14, KCM13,
MDJV08, MN97, NG17, VRA+09].
**distributed-memory**
[AGZ94b]. **Distribution**
[CL74, Don81, KO65a, NB61a, NB61b,
Roe69, Sak79, Duk90, ESM16, Hos94, HS71,
Jon72, MWW+]07, Pai72, RWI16].
**Distributions**
[FL59, Sta85b, Sta86, SST69,
AKKJ72, BTWY92, KMK68, KO69a, Sta73].
**Disturbances**
[Sat63]. **Divalent**
[SS61]. diverging [PH81]. **Diversified**
[Kuh88]. diversity [BM96]. **Divider**
[KP59]. **Division**
[CM80, HP84b, Meg62, Thr65, Age04, Age05,
Age08, Che06, Che08, NR]+09, Ros03].
**Divisors**
[Er]59. **DNA**
[Cle81, Pic87]. **DNS**
[SJW]16. do [ESS+20, Rus04].
**Document**
[Cha87, CMP87, Cla79, KCML13, Mar98, YAH+]66, ZY72, WCW82].
**Documenting**
[Wri83]. documents [FKGF12]. **DOD**
[SBT87]. **Domain**
[BB60, Cam57, DKAC67, Fre79, GS70,
Gor65, Gun66a, Gun66b, Gun69, Hut74,
MMT60, Mid65, Mid66, PW67, Sch75, Slo66,
Spe69, Aas70, BK76, CCG73, JC00, Pes71,
War06, van89]. **Domain-Wall**
[Slo66]. **Domains**
[MS87, MSW69, SN87]. **Donor**
[Kau81]. **Donors**
[FPS66, PF66]. **Dopants**
[AS78]. **Doped**
[ADH70, Sou64, AdH00b]. dot [ZH89].
**Double**
[MM75a, M60a, M65, SB64, WS75, LKU05].
**Double-Boron-Implanted**
[WS75]. **Doubleurs**
[RP66]. **Doubling**
[Mar59]. **down**
[Man90, Now02]. **Drain**
[GS80]. **DRAM**
[ADG+]95, BD+]02, De08,
EBD+]95, FKOP90, FCE+]15, IBP+]05,
**drawer**
[BHH+]15, CAC+]3. **Drift**
[vS57, MWX+]17. **Drilling**
[Wre83]. **Drive**
[CDS+]86, Hel79, Kun65, PRY65, AFF96,
BE03, Eng81, FMP93, Led71, Ono93,
SPR+]95. **Driven**
[Hor62, Lin84, Mou86, Pre66, BW72, BWG91,
GBK+]9, KRS+]17, MDJV08, Pon17,
SLC+]97, TSH92, TWM+]14, TPTH20].
driver
[ADH+00a, DTTK95, MVI+07, NSOO98]. **Drives** [BBT85, ILH03, Sch96a]. **Driving** [DYK10, KSK98]. **Drop** [BT84, FBW77, Fro84, Lee74, LMT84, Pin76, SBT87, Twa77]. **Drop-On-Demand** [BT84, Fro84, LMT84]. **Droplet** [PL77, KRC68, TZZ+11]. **Drug** [Cor18, MIL+18, CRAG18, Koe18, PMS+08, PK18, SNP06, SLZL18]. **Drum** [LC83]. **Dry** [AGLM85, Hsi99, OR92]. **DS8880** [CHJ+18]. **DTP** [GZM92]. **Dual** [GZM92]. **Dual-tapered-piston** [GZM92]. **Duality** [Dor60, Joh87]. **Due** [ASV76, Lan88, BS71a, Lan57, Lan96, Lan00b]. **During** [CW77, Dav77, Gil79, KWJ84, MJS70, PR65, Zab77, BCT89, DR93, GK60, SMVK90, TZZ+11]. **DUV** [ATW97, HMH97]. **Dy** [YTF+11]. **Dy-doped** [YTF+11]. **Dye** [SCHL66, KRC68, TZZ+11]. **Dyes** [Lew78b, Mer78, SLHM67]. **Dynamic** [ALL77, BW72, CHY92, DS70, ELZ79, Gha75a, HMM66, LST80, MCA83, MLW+14, MN97, PH65, Re66, SWD74, SM63, TRO80, WT77, Woo75, el 69, BJM+06, BGL07, BL15, GLO98, LAR80, MDB+02, MWW+07, MS07, OD17]. **Dynamical** [Kra81, Lan85, CHG04]. **Dynamics** [BBT85, DAH67, Fro84, HA71, MV62, AKH+18, ACM01, ABM+01, BKB76, BCT89, BMS91, BBK+08, Bn76, ES16, EFG+05, FMPS93, Gyg08, KHZ+08, Las61, LR79, MN03, PZGL91, SP+05, TRW99, TZZ+11, WNBP91, ZEH+08, ZHP+18].

**E-Beam** [Gil84, PW78]. **e-commerce** [HRZ14]. **E.** [LFR05, VLKW14]. **EagleEye** [ZBG+10]. **Early** [ABB+13, BHH+81, DBB+02, GZE+05, Gol87, Mou86, Spi93, WSJ+19, BBS+03, EFR+05, ITS+15, Smo04, SPP+05]. **early-stage** [BBS+03]. **Earth** [WA79, Ber76b, KW76]. **earthquake** [NRM+01]. **easier** [MBF+13, PBBL07]. **easy** [SBF+97]. **Ebola** [BMF+16]. **EC12** [CAC+13]. **echo** [CN71]. **Echoes** [HR97]. **ECL** [DMR+81]. **ecology** [PW72]. **Economic** [Ag17, E17, KRS+17]. **ecospace** [LH+17]. **ecosystem** [DK12, GW18]. **Eddy** [Dui59]. **Edge** [BB60, LMD70, WBT70]. **Editor** [And60, Ano05b, BC60b, BBT60, BB60, BD62, BRE60, BAL+63, BN63, CAR60, CMC61, CON60, CW87, CK63, DAM66, DLE62, DOD63, DU63, FMP61, FK62, FC63, HAS62, IM60, KEN61A, KEY61B, KW62, KKK61, KP63, KRU84, KU63, KUE60, LDD63, LE62, LE62, MW62, MV62, MAR60B, MAT62B, MS60A, MP61, ME60A, MWN63, MHS62, MG63B, NM62, ON60, PA61, PAR60, PK61, RAD62, SCH67, SEG62, SMI60, SB62, SS61, TID62, TIT63, WKM60, YU61, ANO01B, SPS+06]. **eDRAM** [MS05]. **Edsger** [FvGM90]. **Educational** [BNS15, NNF15, CR15, VRA+09]. **EEG** [Boh73, MYKK+17]. **EEPROM** [Nii95]. **Effect** [AST8, AZB88, BTW62, BMMO80, CFF64, DS70, DTY78, FLW78, FFH64, Gun66a, JJ64, KO69B, KO70, KER64, KUS70, MW62, MFPJ71, MU77, MAT62B, NAI02, PS80, PHI78, PRI57A, PRI58A, TT75, TH64, TWA77, WWMS79, WO70, ZZ69, CDS73, CDS00, KM73, LAN60, LJH2, TAN08, VK62]. **Effective** [CDG+10, DFK10, KO65b, SBR64, DFNN17, GMX14, GUP97, HBC+99, KBA07]. **Effectiveness** [RP70, TBH+17, BM96, MDH+12, SXYP12]. **Effects** [AOR62, BB60, BPF+05, BLB+63, CLE81, COL62, CC76A, CRE58, CGH77, DS77, FK60, GAE79, GM62, GS70, HM89, KSW74, LDD63, LEH64, MG68, MNP+69, ME62, MID70B, PAR80, PL73, PFS+70, RK66, RIC59, SM62, STA55B, SWA57, TH64, VUI64, YSM64, ALH95, GC68, GOU89, GSAB93, GDR70, LBT99, LUD00, MRH89, MNS69, MUM69, NBF+16, NBF+00, RBK+08, SNM69, TMF+08]. **Efficiencies** [HRF+17, JAM89]. **Efficiency**
Efficient [AAB14, GRS13, HL72, Jur78, KR87, Lur74, SFH65, SS87b, Tom67, BTP90, vBBE02, GMX14, JWP06, MC87, NDM04, NCB03]. Efficient [AAB14, GRS13, HL72, Jur78, KR87, Lur74, SFH65, SS87b, Tom67, BTP90, vBBE02, GMX14, JWP06, MC87, NDM04, NCB03].

effluents [Shi72].

eHealth [AA14].
eigenfunctions [HM89].

Eigenproblem [Dub72].
eigenvalues [CW58, FW67, HM89].

Eigenvalue [EL1] [Dav80].

Elastic [AW62, BP88, Che64, CS65a, CF72, Key61a, Kur87, Sat63, BEH89, EH89, FL89, Jan69, LC83, Tap82].

Elastic-plastic [CF72].

Elastohydrodynamic [VG74].

Elastomeric [Smi77].

elder [TOKN18].

elder-care [TOKN18].

Elderly [PL20].

Electric [DH57, MR76b, DWZS13, GAJ16, HZG16, KAD16, EL1, MTH71, MW80a, MJJ69, MPS77, MNP+69, MP67, NM62, Par80, PS80, Ree69, RS69, SSN+62, SG64, WPH69, YDH58, All00, ALH95, CHL+11, DG93, FKOP90, FA70, HF90, KBF+92, LUd00, MAG+01, MMK+11, PGN88, Ros00, SKB+11, Tro00a, TTI98, VWJK11, WSBL90].

Electron-Beam [Bro88, DWZS77, Dav80, ELMR77, HWC88, Hor62, KP59, KP80, MW80a, MPS77, PS80, BGK+82, GWR90, FKOP90, MAG+01, PGN88].

Electron-Hole [RS69].

Electron-Transparent [DO74].

electron-yield [CHL+11].

Electronegativity [Mic78].

Electronic [BW81a, BHH15, FNRF89, FW88, Fre70, HJS98, KF86, Key61a, Kog57, Kog58b, Kog59, KM59, Kue60, KM74, KP80, Lin67, MTH71, MW80a, MJJ69, MPS77, MNP+69, MP67, NM62, Par80, PS80, Ree69, RS69, SSN+62, SG64, WPH69, YDH58, All00, ALH95, CHL+11, DG93, FKOP90, FA70, HF90, KBF+92, Lud00, MAG+01, MMK+11, PGN88, Ros00, SKB+11, Tro00a, TTI98, VWJK11, WSBL90].

Electronics [Key88, Key00, MCK01, SS01, ZCM+96].

Electrons [Hon70, LK88, Pri59, Pri65, Pri70].

Electrophotographic [BS84a, BAN84, CEY84, EH85, SSL73, VW87, SBG+71, Sta97].

Electrophotography [LAG+84, TBB92, Tlk75, Sch71].

Electroplated [Ros78, Smi60, AR98, CBH+05].

electroplating [AUD+98, HHA93, Hor98].

Efficient [AAB14, GRS13, HL72, Jur78, KR87, Lur74, SFH65, SS87b, Tom67, BTP90, vBBE02, GMX14, JWP06, MC87, NDM04, NCB03].

Efficient [AAB14, GRS13, HL72, Jur78, KR87, Lur74, SFH65, SS87b, Tom67, BTP90, vBBE02, GMX14, JWP06, MC87, NDM04, NCB03].

Effluent [Shi72].

Effort [DBC06].

eFUSE [RFC07].

eHealth [AA14].

eigenfunctions [HM89].

Eigenproblem [Dub72].

Eigenvalues [CW58, FW67, HM89].

Eigenvalue [EL1] [Dav80].

Elastic [AW62, BP88, Che64, CS65a, CF72, Key61a, Kur87, Sat63, BEH89, EH89, FL89, Jan69, LC83, Tap82].

Elastic-plastic [CF72].

Elastohydrodynamic [VG74].

Elastomeric [Smi77].

elder [TOKN18].

elder-care [TOKN18].

Elderly [PL20].

Electric [DH57, MR76b, DWZS13, GAJ16, HZG16, KAD16, EL1, MTH71, MW80a, MJJ69, MPS77, MNP+69, MP67, NM62, Par80, PS80, Ree69, RS69, SSN+62, SG64, WPH69, YDH58, All00, ALH95, CHL+11, DG93, FKOP90, FA70, HF90, KBF+92, Lud00, MAG+01, MMK+11, PGN88, Ros00, SKB+11, Tro00a, TTI98, VWJK11, WSBL90].

Electron-Beam [Bro88, DWZS77, Dav80, ELMR77, HWC88, Hor62, KP59, KP80, MW80a, MPS77, PS80, BGK+82, GWR90, FKOP90, MAG+01, PGN88].

Electron-Hole [RS69].

Electron-Transparent [DO74].

electron-yield [CHL+11].

Electronegativity [Mic78].

Electronic [BW81a, BHH15, FNRF89, FW88, Fre70, HJS98, KF86, Key61a, Kog57, Kog58b, Kog59, KM59, Kue60, KM74, KP80, Lin67, MTH71, MW80a, MJJ69, MPS77, MNP+69, MP67, NM62, Par80, PS80, Ree69, RS69, SSN+62, SG64, WPH69, YDH58, All00, ALH95, CHL+11, DG93, FKOP90, FA70, HF90, KBF+92, Lud00, MAG+01, MMK+11, PGN88, Ros00, SKB+11, Tro00a, TTI98, VWJK11, WSBL90].

Electronics [Key88, Key00, MCK01, SS01, ZCM+96].

Electrons [Hon70, LK88, Pri59, Pri65, Pri70].

Electrophotographic [BS84a, BAN84, CEY84, EH85, SSL73, VW87, SBG+71, Sta97].

Electrophotography [LAG+84, TBB92, Tlk75, Sch71].

Electroplated [Ros78, Smi60, AR98, CBH+05].

Electroplating [AUD+98, HHA93, Hor98].
CTS+92, CDM92, Cov92, CW91, DHK+92, DSM+99, DGG+92, DGL+97, ECD+99, ES92, FGC92, GGRW91, GLOS92, GZM92, Haj91, HOWP92, IMSV10, KRTN+12, Lip92b, RGP+97, RCP+16, RH+99, San12, Sar91b, SSW91, SM97, SSC+97, SWC+97, SV91, TBB+09, TSC91, UDP+12, WM+97, WHK+09, AAB+10, AYA14, BGLM09, Car10, CJK+13, DSZ+12, FM10, FGG+13, HRF+17, HBT+16, JSS13, SM16, SLC09, SMC+14, SBC+12, VNT16, vKCD+10, CdLS92, NHH91, SY92].

\textbf{enterprise-class} [SM16, SBC+12].

\textbf{enterprise-level} [SM16]. \textbf{entire} [OIM+13].

\textbf{entities} [Coo18]. \textbf{entitlement} [CHM+16, ST17]. \textbf{Entity} [CA84, ST17, ZBG+10]. \textbf{Entity-centric} [ZBG+10]. \textbf{Entity-Relationship} [CA84].

\textbf{Enumeration} [Ri60, Mi72]. \textbf{Enveloping} [Mi72]. \textbf{Environment} [Bar73, Dub72, Fla81, MW82, Wi68, AH+91, ATW97, AHM+97, BC00, BOS+95, CDSW06, CN94, DM03, DOJ+14, GHL+04, GB+05a, KN91a, MA+05, MME+97, ODL+09, OkI03, OEN+16, PZGL01, Rue72, VM99, WNB91].

\textbf{environmental} [KCH+09, KD91, OD+09, OB09, SCW10].

\textbf{environments} [ABB+14, AAS+14, BMS+17, BBG+14, Elg11, FHL+14, KRD+14, LBC+14, RFCN+08, VDO14, VMS+14]. \textbf{Epitaxial} [GK60, Mar60a, WKW60, GSG+99, GBBM90, SLY+72, SGT78]. \textbf{Epitaxially} [IM60]. \textbf{Epitaxy} [CWC95, Far98, GI88, Mar79, Mey90, Mey00a, Tis90]. \textbf{Epoxy} [ML884, MK85, KS01]. \textbf{Epoxy-Glass} [ML884, MVK85]. \textbf{equal} [MR14].

\textbf{Equalization} [Gd74, Gor65, Mil83, Sch85]. \textbf{equalizers} [Kar73, ST72, Ung72]. \textbf{Equation} [CS65b, Fla65, Lev66, Mil67, Mir60, Ode64, To+88, vs57, BSHM01, CP72, Can73, HM89, HBW70, KRC68, Mic59, Mir61, Pri66, Sug59, Swi62]. \textbf{Equations} [An07g, An07u, Bil70, Bre72, Gar88, Her66, Lan65, Par67, Bil72, Bra72a, CFL67, Dan66, FW67, Ger73, Lax67, LO72, Mos61, Whi72, Wid67].

\textbf{Equilibria} [Sha58a, CJ78b]. \textbf{Equilibrium} [Le74]. \textbf{Equipment} [KFSZ92, Co10, CMR72, RW+05].

\textbf{Equipment-related} [KFSZ92]. \textbf{equitable} [BMS+17]. \textbf{Equivalence} [Don74, Dur70]. \textbf{equivalences} [AO97]. \textbf{Equivalent} [BR79, Dod63, Kah71, Str59, AO01, BDS+97]. \textbf{Era} [BCS+18, AB+18, JDP+10, MXW+17, RCP+16, Shat02, SSI+18]. \textbf{Ergodic} [MN03].


\textbf{Erratum} [An66, An01b, An06c, An08b, Lan84a].

\textbf{Error} [BM63, Bl79, Bos70a, BH82, BS70, CR76, CH84, Grl60, KTS85, LT70, Me60, Mel60a, MG63a, Mou86, OCT68, Pat80, SS59a, TL70, AC84, BK+08, Bos70b, BH80, Dan66, Gor63, KBF+04, Mac60, MS96, Pat89, SKK+08, Srl96, ZMM+96].

\textbf{Error-Correcting} [CH84, Gr+06, SS59a, AC84, Mac60].

\textbf{error-correcting/detecting} [AC84].

\textbf{Error-Detection} [BH82]. \textbf{Error-Sampled} [KST58]. \textbf{Errors} [Dah63, How84, PL81, Pat86, SH57, SH57c, Wyn64, ZS96, DWW90, Del08, HDBR08, KLHW16, KCO+08, Meg60, Mel60b, ORT+96, RBK+08, Tan96]. \textbf{ES/9000} [Att92]. \textbf{ESA} [SV92]. \textbf{Esaki} [PR59, Rut59].

\textbf{ESCHER} [SKB+11]. \textbf{ESCON} [FGC92, CDLS92, ES92, GLOS92]. \textbf{eServer} [AB+02, AF+02, BE+02, BHK+02, vBB+02, CBB+04, CCW+02, FCS+04, GWS+04, GKMP04, GE02, HPW+02, HBL+02, KKS02, KMM02, PBC+04, PVK02, CSC+02, GKO4, SNA02, SAB+02, SPM04, SCB+04, SBC+02, VWE02, AV04].

\textbf{ESPER} [On93]. \textbf{ESPER-2} [On93].

\textbf{essential} [KKT09, KKS02]. \textbf{EST} [DB01].

\textbf{establishing} [SJW+16]. \textbf{esters} [VBM71].
Estimate [Gam72]. estimates [Hei80].

Estimating [WYF+03, AP69, Mat03, Sit87].

Estimation [Bar80, Lin67, Mil83, Wel61, DB01, GYK99, Goz99, PTE97, LTR01, PM88].

estimations [Sta89a]. estimators [Sta73].

estuary [KCh+09]. ETA [HD73]. etch [PM72].

Etching [Chu82, CK79, vAR82, AHV+99, Fon99, Hsi99, Koh98, Kuo92, MSG72, OR92, ODK+99, RL88].

Ethereal [Win78]. Ethernet [HTH+99, OVB+05].

ethical [BBMR19, NBM+19, BMT+19, TCCH98, AC84, BMF+19, Sch81, TZZ+19].

evaluating [CM19]. Evaluating [CXZ+17, EHL+01, HS14, TOKN18, RDL19].

Ethics [Ano19h, Sim19].

Ethylene [Blu79a, Dem78].

EUDOC [PMS+08]. EuO [OGR70, PFS+70]. Europe [Ano89].

European [RWP16]. Europium [Dim70, Kas70, MV862, Von70]. EuS [PFS+70]. EuSe [PFS+70]. EuTe [PFS+70].

evaluate [CM19]. Evaluating [CXZ+17, EHL+01, HS14, TOKN18, RDL19].

Evaluation [AC64, Far87, HHR+99, KGF77, Sch81, TCC+98, ACS4, BMF+97, BMT+99, CGH+17, DH+62, HLT2, KMC+11, MPP+15, MME+97, Ris72, ST9, WG19, ZCK71]. Evaluable [ORP+78].

Evaporable [ORP+78].

Evaporable-Gas-Dielectric [ORP+78].

Evaporated [BBG60, PW78, PBF60].

evaporation [TZZ+11]. Evaporators [Cas60].

Event [BFG+99, GRH+08, Sel07, Tan08, WHL+17].


Evolution [CMR+90, DFD+98, GAB+98, HLS81, IK00, Jam81, JS81, KWW84, SF81, SCM+82, TJH+03, ADG+95, ALS81, BCK+05, CS03, CM90, CM00, Gre97, Nai02, ODA03, RGPP99, Ste81]. Evolutionary [DBN+17]. Exact [Mic72, Tak87].

Examine [Sch67]. Example [Sch67].

Examples [OH74, IBM13c]. exascale [NAB+15]. excellence [BWT+14].

Exception [GLS74]. exceptional [Hof60]. exceptions [LS73]. Exchange [AAJ14, HP84b, KS70, KW62, Far98, Jon98, Whi72].

Excimer [JWL82]. Excitation [LM85, Pre66, SL67, Les71].

Excited [GCPV85, Mor79, ARM+01, HDK+11].

Exclusion [BCH84]. Exclusive [FTY83].

Exclusive-OR [FTY83].

executables [Hei94].

Execution [CJ91, FHS4, TAY79, WF87, APRS16, AEGP67, Gsc09, HM90, HHH+09, MHR90, OWG+13, SSW91, ZS91].

Executives [NN15].

Exhaustive [TC84]. Existence [Bil72, LKY00, Ode64]. Exit [Fis88, Mas97].

expanded [FXL01]. Expanding [BL62].

Expansion [AFP+01, SAPT01, TFR+01, BAB+13, HSL+05, Jan69, Lew73].

expediting [ST17]. Experience [BCC+01, Ris84, J14]. experiences [ABB+13, WJ+19].

Experiment [BT62, Bax58, Bha88, Dam66, DLK84, SBT87, ADG+92b, Nic92].

Experimental [BBT79, BFT79, BT84, BTT85, CSW73, CLOR87, CD85, CK63, DLW86, FGM+83, Hop59, Hor62, Mar71, Men62, Ris84, RS9b, SHWK+90, SLHM67, TSNF88, WRAL57, ZCK71, BF69, Kel73, LDT2, Rei99, Smo04, ACF+80, BH05].

Experimenting [EO13].

Experiments [ALL77, BS72, KT66, LR65b, ST75, Sch81, Gra71, JN82, Kei89, SG71, ZCM+96].

Expert [DLW86, ADG+92b, EGH+86].

expertise [CCE+20].

Explaining [ChdT92].

Explanation [Gli69]. explicit [VRL10].

Exploitation [BIC+05, SSMG10, CBB+05, MMS05, Sur15].

Exploiting [AGZ94a, FNY+10, LDSY91, Tom87, Wc79].

exploration [Kan15].

Exploratory [GLP76, PBC+06]. Exploring [EHPS05].

exponential [Moo72].

Exponentials [Che72].

exposed [LG88]. Exposure [Ahu80, BT67, ELM+77, HHSW01].

Express [BEE+02, GCS+12]. Expressions [BDH83, Hal76].

Extended [CDG83, CAT+05].
Extending [MG63a, HMK01]. extensible [BDH+19]. Extension [Koc59, Llo67, Cal70, Lam77a, Pri66, TS69]. extensions [CPT+08, Cra98, Wai05].

External [AA18]. Extracting [ZW17].

Extraction [WR83, AAA+17, DF15, EKTT90, FKGF12, TWM+14, WKF+12].

Extrapolation [Gaz78]. extremal [BBE+13]. Extremely [RVV88, MFPJ71].

Extrinsic [Was88]. Eye [RHM63, MG68].

F [LFR05, VLKW14]. f.e.t [HD73]. Fabric [MBT19, LJV19, BHH19]. Fabricated [BBC+64, O’H78]. fabricating [SLYR72].

Fabrication [Ame80, ATW+08, BHV85, BMWL80, BCRW82, GKK+80, Hat88, HWC88, Hsi99, MHH98, Mid70a, PW78, RHM63, Spr71, CAS+91, Dha68, FCH70, KFSZ92, KRT98, KOT99, LCHL95, MTH71, Mar71, MAD+98, RK72, TW69, TFL+98, ZCK71]. Fabry [Fan64]. Facilitating [SXYP12]. Facilities [Gumi83, LG78, CMR+90, LS69]. Facility [AMG+87, GAC85, Lom80, Mul74, LL93, SdS89, AC86, GRSW86, JMLW94, RV89, SRO93, SV91, SY92, Sur15].

Fact [KPB+12]. Fact-based [KPB+12]. Factor [Bre60, Gia66, Hun59, CLP+13a, SBR64].


Far [GHW70, GL62, OKH+02].

Far-Infrared [GHW70, GL62]. Faraday [Kus70, ZS96]. Farey [LT95]. farmer [FKOW16].

Fast [AEG+02, God74, Gup97, HJK+01, Jel69, KP59, KHHK64, Mil83, Raa76, CDC96, Cra98, ESI+12, GL88, Har71, Won90, Bra94].

Fast-Switching [KP59]. Faster [WT77].

Fatigue [Keh65]. Fault [Aic84, BH82, BCH84, BKRF02, CTS+92, Com83, Sta84b, Sta85b, Sta86, Sta89a, Cov92, SG99, Sta89b, Sta89c, TSC91, CR84].

Fault-Isolation [BH82]. Fault-tolerance [CTS+92].

Fault-Tolerant [Aic84, Com83, BKRF02, Cov92, CR84].

FCP [ABE+02, SAB+07]. Fe [SNR65a, MM70, Mi62, Br78, CW78, LR65a, Mid65, Pes71, YTF+11]. Fe-B [YTF+11]. Feature [CJH+15, Duk93, FS82, Kru87, BHW+17, TWM+14]. Feature-scale [Duk93]. Features [CMR64, GII69, ABD+18, BEE+02, DHH+92, FWR+11, HJW+16, MPP+15, SSN+15, SJZ+15].

features-based [SJZ+15]. featuring [SRH+18].

Federal [OO81]. federated [RBL+09]. federation [LNT08, NMV+09]. federation-based [NMV+09].

FEDSS [BH85]. Feedback [KT73, Rei66, Cov92, DRS15, Gsu76a, Gsu76b]. Femtosecond [TWRW89, MWH95].

FEMvis [Bal91].

Fermat [Nus76a, Nus77]. Fermi [DV64, DM64, Sou64, WS64]. Ferrite [BBC+64, CM74, Pol78, RRSW61, Sha58a, Tan74, WWLF67]. Ferrites [NBRB70, She59b]. Ferroelectric [Tri58].

Ferromagnetic [THv70, Whi70, Haa70, Vur70].

Ferromagnetism [Mat62a, Sui75].

Ferroresonance [SH87]. FET [BBH82, Gra80, LST80, Mid70a].

FETs [KSF90, RG90, SHWK+90]. FFT [Cve87a].

FFTs [EFR+05]. Fiber [DSM+99, ABD+92, GLOS92, KACS95, CMW92]. fiber-optic [KACS95]. fibers [BS06]. Field [Azb88, Boe69, Dou62, DSSS64, DS70, DH57, DPR86, EGS60, FFH64, FK62, Gar86, HBL62, JT66, KO69b, KO70, Kro58, Ku63, LC80, Met70, ORT+96, ODR70, PW67, Part60, Ree69, Swe62, Tin62, TH64, Vui64, Whi70, Wo70, BH89, CDS73, CDS00, DAB+97, KM73, LJ92, MWH95, Vur70].
Field-Effect
[KO69b, KO70, Wol70, CDS73, CDS00].
field-emission [MH95].
Field-Quenching [Boe99]. FIELDS
[BCGS81, BCGS00].
Field [ASV76, Lan88, Dic91, HRWZ87, Lan57, Lan96, Lan00b, Lew73, RE71].
Fifty [BS03].
Figure [Esa62, Gia66].
Filaments [Bar69].
File [HP63, Hea76, How84, MT81, Dic91, Lan85, Lan57, Lan96, Lan00b, Lew73, RE71].
filled [FGMPK05].
Filter [COC61, Dod63, God74, Low78, Bus71, KFYU92, Peh69].
filtered [CHL+11]. Filtering
[FF73, Nus76b, Nus77, PLHJ70]. Filters
[Pis74, Roe66, GM69, WPH69]. final
[BKP82]. finance [RS14]. Financial
[ABD+14, HS14, Car10, KOP14, LSS14, RA+14]. Finding [CCFB+12, HW72, Lan89, M90, S90, Bra72a].
Fine [BBK+08, KZP03, KRKA+95, KAB+05, SLC09]. Fine-grain [KZP03]. Fine-pitch [KAB+05].
FinFETs [SRH+18].
Finite [AG72, TF63, BCGS81, BCGS00, Cor93, Hoh78, RS59a, Ros66, You90, BSHM01, GA68, HMO81, J90, KN91b, Lan66, MI01, Mic59].
Finite-Element [BCGS81, BCGS00]. fire [PKXK07].
Firm [And10]. Firmware [KLW+12, AHM+07, ABB+15, GHL+04, KKB+09, SMP+04, StBC+15, TAE+07, TK+15, WPL+12].
First [HPW+02, Koz81a, SM62, Swa57, WBH+04, CRDI+07, DL02, FCE+15, GP06a, Gyg08, KBF+04, Koz81b, SS20, SS86, ACM01].
First-Order [Koz81a, Swa57, Koz81b].
first-principles [Gyg08]. first-responder [SS20].
first-time [DL02]. Firstfilter [VNT16]. Fitting [Nor58]. Five
[Ano61e, Fre04]. fixed
[S94a, TLM83, ZTC+13]. fixed-point
[S94a].
flash [Bau84, CAC+13, Lai08, Niu95]. FLASH3
[FKL+08].
flashlamp [SL67, HA71].
flashlamp-pumped [HA71]. Flat
[Kumb65, BE03]. flaws [Mar12]. Fleshing
[MW80b, WM81]. flexibility
[BBSW97, EBD+95, KWN01]. Flexible
[Ada80, ALL77, BT78, BFT79, BKK88, BKK86, CTT66, GHK67, HAI85, PVDF95, Pol78, PAVK02, Tib93, WSBL90, Wit85, DDA+93, KDG15]. Flexible-Disk [Ada80]. flip [Hei90]. flip-chip-mounted [Hei90].
Floating [ABC+99b, AEGR67, BD96, Cbi90, SW90, CBB+05, DTH92, DDZ+07].
GWS+04, HFH94, HM90, JO96, MHR90, SSM97, SK99, SKC09. Floating-Point
[ABC+99b, BD96, SW90, AEGP67, CB+05, DTH92, DDZ+07, GWS+04, HFH94, HM90, MHR90, SSM97, SK99, SKC09]. Flood
[Tod78b, flooding [TFC+13]. Flow
[CTT66, DH61, KWB88, LL83, Lev77, Tit61, Wit85, IM+10, LPPT86, Lom77, PH81, VJA07]. Flowcharts [SBH82]. Flowgraphs
[BBCV80]. flows [BS91]. Fluctuations
[ACH74, Col62, DB79, Gun66b, HS81a, Free-Charge [CH74], Free-Induction [DB79], Freed [Lom75], Freedom [Hau67], freestanding [DN97], freight [RC09], Frequencies
[Ins77]. Frequency [Ber64, FP69, JC00, KP59, Moh70, Rem67, RP66, Thr65, ZZ69, CCW+02, CFP+07, HAMC+04, PKZ+03, Rat68, RH90, WL97, ZTC+13]. Frequency-Division
[Thr65]. frequency-programmable [HAC+04]. Fresnel [Arm65]. Friction [BP75, Mat95]. Friedichs
[Lax67]. Fringe [Abb66, PW68]. Front
[Ano11, Ano12f, Ano12g, Ano12h, Ano13b, Ano14f, Ano14g, Ano14h, Ano14i, Ano14j, Ano15c, Ano15f, Ano15g, Ano15h, Ano16d, Ano17a, Ano17b, Ano17c, Ano18a, Ano18b, Ano18c, Ano18d, Ano19c, Ano19d,
Ano19e, Ano19f, Ano20a. Front-cover [Ano13b]. Fronts [BS69]. frustration [ABK89]. fs [HDK+11]. fs-laser [HDK+11]. Full [DWGC85, HA58, Rut57, PBC+06]. full-system [PBC+06]. Full-Travel [DWGC85]. Fully [MWW+07, HDK+11, MJB+97]. Function [(Ga57, Lin84, Mic78, Mir69, NB61a, NB61b, Rad62, Ree69, BZ06a, CCC+15, FXL01, Kam98, KJP11, MVT+07, Shn94, Str68, WSCK17]. Functional [BGW+04, Fag77, GBRJ05, HAMC+04, JPTW92, KBG+09, LRH+02, Mat89, SRL+11, VLP+05, WMH+97, AGZ94a, GMS05, KAB+12, MMR89, SWF+90]. functionality [SNA02]. Functions [ACG+86, BBT79, Bra87, Bur75, Cle65b, DC73a, EP86, Hor76, Hud63, Rem67, Ris84, Sta67, Ul65, ACG+87, Cor69, DH69, DCM77, DH03, EFG+05, FI70, FTYS3, FJS89, GM73, JCC00, MN70, Mar90, May60, MM75b]. Fundamental [Ano62e, Lei62, Mar62, Ver88]. Fundamentals [ZFE06, Mey90, Mey00a]. Further [Fla91, FC63]. fused [AEG+02]. Fusible [FT80]. Fusing [Bau84, Br078]. fusion [ETWO08]. Future [AR98, Fra79, GA84, BIK+05, Isa00, JMM+96, KBS+99, Law02, MDB+02, NHK+03, The00, TB00, TPT+02, VDD+00]. Future-Dependent [Fra79]. fuzzy [BC00].

G [CS03]. G3 [Man97, RGP+97]. G4 [Man97, RGP+97, SSM97, SCC+97, SWC+97, WMH+97]. G5 [SMK+99, ABB+99, CP99, CS99, DSM+99, JL99, KBM+99, MAF+99, RH+99, SK99, SG99, TM+99]. G5/G6 [CP99, TM+99]. G6 [ABB+99, CP99, CS99, JL99, MAF+99, TM+99]. Ga [MKP73, LMPP69, TZZ+11]. GaAl [Cro79, LSH79]. GaAlAs [DC82]. GaAs [BV78, BGS64, BLB+63, Gun66a, Gun66b, HVK+90, HD69, HDFN63, IBC64, JVP+90, Jon65, LDD63, Lud78, LSH79, MB75, Mar60b, Mar64c, Mar71, MWN63, PR65, PRY65, Ree69, SSG69, SA66, Spe69, SAL63, TZZ+11, Tit63, Wei65, WW71]. GaAs/ [LSH79]. GaAs/AlGaAs [HVK+90]. Gadolinium [SK69, SOC59, MKP73]. Gadolinium-Iron [SOC59]. Gafac [Sch84]. Gaining [CFH+09]. Galapagos [MDJV08]. galling [GSG+90]. Gallium [And60, vM66, MKP73]. Galvanomagnetic [TH64, Vui64]. Game [Sam65, Sam67, Tuc60b, Lew12, PW72, Sam00, TGL+12]. gamification [CR15]. gamma [Sta73]. GAN [SHCV19]. Gap [Dou62, FK62, Ku63, Tin62, RDL19, FPS66, PF66]. gaps [Thi88]. Garnet [Dav77, Mee67, SK69, SOC59, MKP73]. Gas [AS78, BL62, Bdm+78, GBC65, Ham78, Lan65, Lan74, LS78, LCH74, OPR+78, O'H78, PW78, RP78, RBC78, SSS8, VGC79, Ano71, BHVO59, Gro59, Hun71, Mic59, Sdl89]. gas-phase [Hun71]. GaSb [Lud78]. Gases [Cas60]. Gasifier [Sti79]. Gate [Dan81, GS80, OG80, ABC+99a, AIH+98, BBH82, Buc99b, CKG+99, CAC+95, CDS73, CDS00, EB99, FCE+15, HD73, HBC+99, HBB99, JVP+90, KM73, KSH98, Luc99, OS99, OKH+02, SHW+90, Sta02, WNV+02]. gate-delay [KS98]. gate-first [FCE+15]. gates [GNF06]. gathering [MFL+12]. Gazalé [Rad62]. Gb [ABB+08, ESW+95]. Gb/in [ABB+08]. Gb/s [ESW+95]. Gd [MKP73, OHP76]. Gd-Co [OHP76]. GdCoCr [Sch75]. Ge [BC60a, BC60c, BC60b, Bay69, IM60, Jon65, Mar60a, Mar60b, Mey90, Mey00a, OMAW60, SA70, SLYR72, SSF11]. Gene [BCK13, ABC+05, ABB+13, AAC+05, ADG+05, BSJ+13, BGG+05, BK+08, BHD+05, CCD+13, CBB+05, CP13, CKL+13, CNC+08, CBC+05, CHT+13, DT08, DLJ+08, EO13, EFR+05, EWS+13, FKL+08, GBC+05, GBB+05, HBB+05, IBP+05, KH+08, LKFU05, MSW+05,
MAA+05, OBB+05, OWG+13, PMS+08, RIB+13, SCG+13, SPP+05, IBM13a, IBM13b, IBM13c, WAB+05. Gene/L
[ABC+05, AAC+05, ADG+05, BGG+05, BBK+08, BHD+05, CBB+05, CNC+08, CBC+05, DT08, DLJ+08, EFR+05, FK1+08, GBC+05, GBB+05a, HBB+05, IBP+05, KHZ+08, LKFU05, MSW+05, MA+05, OBB+05, PMS+08, WAB+05]. Gene/P
[IBM08]. Gene/Q
[BCK13, ABB+13, BSJ+13, CCD+13, CP13, CKL+13, CHT+13, EO13, EWS+13, OWG+13, RIB+13, SCG+13, IBM13a, IBM13c].

General
[CHW75a, GM73, Hor57, LSH76, RP78, Tay81, Wes78, DAUS91, Fra80b, Gra69, dTGH92, HRW90, LH84, QS67, SS82, TLM83, Kav06, Man18].

General-Purpose
[Tay81, DAUS91, Gra69, LH84].

Generalizations
[Dor62]. Generalized
[Azb88, Coo84, LB85, Ris76, Rob67, ACC+15, BHM04, EM65, Gus03, Str68].

generated
[BL69, CN18, CPCC18, KBJ+18, MS89].

Generating
[OH74, RHM63, SHCV19, van77, WLEF89].

Generation
[Bea74, BMS80, CW85, Chi86, CN71, DGL+97, Sch67, TC84, Ver80, AEG+20, ACD+15, CCFB+12, DEG+01, GCL+19, HRS07, JGD+08, KWB+15, KAB+05, KCA+95, Lan61, Lan00a, LSF84, LBB+13, MWW+07, OW00, RAMD19, SFH+16, Tan08, TYSS19, VP88, VTMB+90, WAC+16, WD94]. generative
[SHCV19]. Generator
[EL80, CL86].

generators
[AEG+02]. generically
[Gri04].

Genes
[Pic87, DB01]. Geneva
[HP66].

GENRAND
[Wil07]. geo
[BDMN14].

geo-social
[BDMN14]. Geologic
[ABC+85].

Geological
[SM78]. Geometric
[Gol69, JS89, Ree59, RR87, SJ89, WLPL+80, EKR87]. Geometries
[Dem78]. Geometry
[Ga87, Ins77, GA68], geospatial
[AEG+20]. geospatial-temporal
[AEG+20].

global
[MWH20]. Germanium
[And60, BA62, DH61, Hun59, Key61a, KK59, MN67b, NM62, SFG+06, GC86, MNS69, Mey00b, Pai69, Seg68, SNM69].
germanium-based
[Mey00b].

Germanium-Gallium
[And60]. GeTe
[CSE66]. Gettering
[GT80]. GF11
[Kum92]. GHz
[Sha02]. Giant
[Gar64, Far98]. Giant-Pulse
[Gar64].
gigahertz
[Okl03]. gigascale
[MZH+02]. Ginzburg
[Dou02, Sch89].

Glass
[IBC64, Ker64, ML88, MVK85, PW78, Pea69, Tan74, KFSZ92, TDK+92, YCB05].

Glass-Bonded
[Tan74]. glass-ceramic
[KFSZ92, TDK+92, YCB05].
glass-ceramic/copper
[TDK+92].
glass-ceramic/copper/polymide
[KFSZ92]. Glass-Passivated
[IBC64].

Glasses
[GFHW82]. Glassy
[Mor89].

glaze
[Kah71].

Global
[DR08, LHW81, Pal07, AUW+09, BK8+16, CPvR00, GRS13, KJS09, KLE71, QSL+14]. globally
[BGLM09, DSZ+12], globular
[FXL01].

Globus
[GHN04]. Glow
[Pen79]. Glycine
[Tri58]. glycosylation
[NBF+00], GMR
[Nes98]. GNU
[GHL+04]. go
[OKH+02].
goals
[MHR+07, MWL+14].

Gold
[JC63].

Good
[SMD80, LKY80], governance
[BKN10, CM19].

Governing
[Lau65, Mal13].

GPFS
[AH+14, JSS13]. GPFS-based
[AH+14]. Grade
[CSY79]. Graded
[KO67]. gradient
[CW72, RV89, Wol72].
gradients
[ZCK71]. Gradual
[BBT60].

Grain
[KWB88, CDM89, KIP03, Pes71].
grain-oriented
[Pes71].
grained
[BBK+08, SLC09]. Grammar
[BBCV80].
grammars
[Ar68]. Grammatical
[OBA03]. Granular
[Gou89]. Granularity
[Lo70].

Graph
[BKU88, EB06, FL76, WML+16, Gup97, Hof00, May60, Sar91a, CP13].

Graph-based
[WML+16]. Graph-Unification
[BKU88].
[FE75]. HeNe [AH79, CCC+79]. Hermitean [CW58]. Heterogeneous [MLM+19, NMTP14, CFS+19, FNY+10, LJV19, MSG72, SAA+18]. Heterojunction [KSF90]. Heterojunctions [And60]. heterostructure [TWF90]. heterostructures [LCF95]. Heuristic [EL80, MFT77, OH74, Ray69, HCO74]. HI [KJS09]. Hidden [Bir01]. Hierarchical [SNA02, CHG04, TMS+01]. Hierarchically [FGT91]. Hierarchies [Cho74, Fra87, Gec74, Mat03]. Hierarchy [FB78, GLS74, MS75, CFS+19, FLMK06, JL99, KAB+12, MIH01]. High [Ano89, AFR62, BDWZ83, BCSE89, BJS80, BOS+95, BCF+07, BFG+06, BB82, BAH82, BHW63, BCRW82, CD78, CDS+86, Car60, Cas60, CT06, CEY84, Dav82, DHSC64, Dkr+90, DC82, DB76, EB91, FP76, GCPVVG85, Gau77a, GS84, Gra80, Gre79, Gus03, HBL62, HVK+90, HDW+07, Har63, HCA82, Hoa58, Hoa61, Hop59, JWL82, KJMS67, Kra81, LV67, LHW81, Lin81, LYS3, MM75a, MTF+95, MKW+05, Mar64c, MPST66, MH98, Moh70, NNMJ01, Ngu99, OK82, PH74, Pat85, PGN88, Pre66, Ree69, RP66, Sam81, SW98, SJK70, SN02, Sch85, SRCW97, Sko58, SGC+87, TW69, TKK+92, VCP90, Vui64, Vur70, Wei79, Woo75, ZLS7, vy86b, AAF+09, AGZ94a, AGZ94b, BJM+06, BKG+82, BG003, BGL+92, CNL+19, CBB+05, CCJH81, CBH+05, Ccw+02, CFP+07, Dat93, DHS00, DKS+95, DHK00, Eme89, FNR89]. high [FL89, FNY+10, FMP+03, GOVC71, GAOD71, GSG+90, GNF06, GJ00, HBB+89, HBC+99, Hoa00, Ism00, IFB+11, KC89, Kat89, Kel89, KBK+97, KIF+89, KPT+02, LPPT86, LL98, Lip92b, MCAW95, MIL+18, MHPHC90, Meh89, MAD+98, MBB+01, MS89, MZS+03, Mor89, Nob95b, Pat73, PGs+98, Pet89, PV93, PZK+03, RAG11, RH90, Rub90, SST+98, Sar97, SGS+96, Sch71, Sch89, SWC+95, SPR+95, SWC+97, SLJ+15, Tho70, TPC+13, UBK+88, VW78, VWE02, W97, Wie90, WBS+18, W9D98, YCB05, YR91, ZG71, ZCK71]. high- [GSG+90, GNF06]. high-availability [VWE02]. High-Density [BDWZ83, BCRW82, CDS+86, Gra80, LHW81, Pat85, Sko58, MTF+95, Ngu99]. high-dimensional [YR91]. High-Efficiency [RP66, SJK70]. High-end [SN02, Lip92b, PGS+98]. high-energy [FNRF89]. High-Field [HBL62, Ree69, Vur70]. High-Frequency [FP69, Moh70, CCW+02, CFP+07, PZK+03, WL97]. High-level [BOS+95]. High-Linear-Density [Sch85]. high-moment [CBH+05]. High-numerical-aperture [SRCW97]. high-order [Sar97]. High-Performance [BB82, BAH82, DHSC64, GCPVVG85, HCBABA2, OK82, SGC+87, BFG+06, Gus03, TKK+92, AGZ94a, AGZ94b, BGL+92, CBB+05, DHS00, DKS+95, FNY+10, GOVC71, GAOD71, GJ00, IFB+11, KBK+97, KPT+02, MCAW95, MIL+18, MZS+03, PV93, RAG11, Rub90, SPR+95, SWC+97, SLJ+15, WBS+18, W9D98]. High-quality [CT06, HBC+99]. high-refractive-index [BGO03]. high-reliability [WBS+18, YCB05]. High-Resolution [BJS80, DC82, Hoa58, JWL82, Kra81, LYS3, SW98, LPPT86, LL98, MBB+01, PGN88, SSt+98, TPC+13, UBK+88]. High-Sensitivity [VCP80, Sch71]. High-Speed [AFR62, BDWZ63, Car60, CEY84, DB76, Har63, Hop59, LV67, MPST66, Pre66, Wei79, Woo75, ZLS7, BCF+07, DKR+90, HVK+90, HDW+07, Lin81, MKW+05, BJM+06, BKG+82, FMP+03, Ism00, MHPHC90, Nob95b, Tho70, Wie90]. High-Stability [v86b]. High-T [BCSE89, FNRF89, FL89, HBB+89, KC89, Kat89, Kel89, KIF+89, Meh89, Mor89].
YSH12, ZST+07, ZCM+96, ZDB+18, ZFG+11, ZTC+13, ZFD+15, Ano06c]. IC
[Coo84, FS82, HHSR96, NS098, PBK96]. iCARE [SMX+14]. ICU [OOL+12]. IDB
[TPF+91]. Ideal [FH84, KG80, Roe66]. Identification [Cio86, CLOR87, Dah67,
Boh70, HRWZ87, JC00, PAZ72, NRA+07]. Identifying [APR516, CCBLM12, FSG+73,
KSH+08, RWB+10, GDB16, Mar12]. Identity [MBF+13, RCP15, SSY12]. IEEE
[ABC+99b]. IGFET [HMO81]. IH [RAG11]. II [BK74, Bar68, BRA84,
CGLL93, CAS+91, DMN+59, FDN59, HMO81, LDDB63, MS87, Mic59, NB61b,
ND57, ND00, Sam67, SNM69, SJ89, SS59b]. III [AAH68, BHHSO59, CASP91, Gun64,
KSF90, MKP73, RW59]. III-V [KSF90]. Illustrating [Joz04]. Image [ABC+85,
AMG+87, BK74, Ber76b, BDS+97, CCP85, DG84, FGM+83, Gar86, Har65, KB74,
LC82, McA83, Par66, SMT8, San83b, WS83, WR83, AW82, ACC+15, ARG00, CBK+98,
CJH+15, CGLL93, CNH73, DBK82, JN82, KWB+15, MHR+15, Mon82b, OMA+96,
PB89, Pri94, SSC+15, SJZ+15, TPF+91]. Image-Forming [Par66]. imagery [Pri94].
Images [Man85, Sch62a, TLR85, van77, AP82, ATL+88, CNP+17, Dan82].
Imaginary [Hun59]. Imaging [Arm65, DVD74, CNC+08, Far82, KJP11,
Sch91, SLK+97, TKV00, ZWV+11]. Immersion [GS82a, KT84]. Impact
[Bos97, Bru97, Hel97, Hen83, MT84, Zab79, ZL87, CXZ+17, GBB+17, HS04,
Kum92, SAPTO1, SSFF11, TCP+16, ZL97]. impacts [TPTH20]. impaired [AKNR10].
Impedance [Hor76, Maz70, Pen79, HRW69]. Impedances [BBT60]. impinging
[MJKM93]. Implantation [GT80, ZCK71]. Implanted
[DHHS87, GS80, RGL75, WS75, YDHS78]. implant [VRA*09]. Implementation
[AK82, ABB+85, AC84, Ber85, BBGP94, EFR+05, FT80, GCPV85, HSF94, LBH+75,
MS87, SW83, Sow84, WJi85, AAC+05, AH+14, BCG+09, BDH+09, BMK+05,
CBV08, CRD107, DDZ+07, FAD+07, HLF94, RB90, RWW07, Stu70]. implementations
[BBG+14, MP88b, NFI+08]. implemented [LBB+13]. Implementing
[NMF10, SW86, Har71]. Implications [RS79, Tu90, De08]. implicit
[CCBLM12, Mic72, Shu94, Wid67]. Importance [DBK82]. imposed [Coo90].
Improve [LV62, FKW16, KEKP20, YT16]. Improved
[BEM+92, Blu79a, CPZ63, KDT18, Lew83, Sav90, SK80, Dan82, GB71, Mat89, SRD94].
Improvement [DW58, Fle58, Lin84, RKL88b, EM94, EK08]. improvements
[HS04, JWS+09, SBV+04]. Improving [AGZ94c, EJ75, KVP+18, LF77,
LKL+81, MI10, To97, BHP17, Si71]. Impurity [GK60, KEO5a, KM66, Key61b,
Pri58b, KMK68, KO99a, MFP71]. In-host
[BCH+16]. in-line [ABC+99a]. in-memory
[EGN+19]. In-Plane [Blu79b]. In-situ
[Ahu66]. InAs [Lud78]. Inch
[BS70, BBT85, FMP83]. Incidence
[PBF60]. Incident [DMH75, GBB+17].
Incoherent [Ge88, PLHJ70, SB62]. inconsistency
[SIt87]. Incorporating
[CKE+10, Tar63, SS00]. Incorporation
[BC60b, BC60a, BC60c, MPCF82]. Increase
[Ano06b, AAC+06]. Increased
[Sie63, KDG15]. Increasing
[AN98, ABH+19, BM96, ON00, WYTO04, WCK+07, Na02]. Indelible
[Ess63]. Independent
[Fra83, AT78, CS84, MLMP+12, MM94]. Index
[Ano93b, Ano93a, Ano93b, Bax58, PC64, Ano92a, Ano92b, Ano93c, Ano94a,
Ano94b, Ano94c, Ano94d, Ano95a, Ano95b, Ano97a, Ano97b, Ano98a, Ano98c,
Ano99a, Ano99b, Ano00a, Ano00b, Ano01a, Ano01b, Ano02a, Ano02b, Ano03a,
Ano03b, Ano05a, Ano05b, Ano06a, Ano06d, Ano07a, Ano07b,
Ano08a, Ano08c, BGO03, HSL+10, KEKP20, Sit87, WL73, Bar75. **Indexed** [KHKM64].

**Indexing** [BlA59, SNA02]. **Indirect** [Whi70]. **Indium** [CJT62, How82, RL70].

**Indium-Lead** [How82], **Indium-Mercury** [CJT62, RL70]. **individual** [MHW95, RG90]. **individuals** [CLH+16]. **indoor** [YBF+14], **Indra** [BNN+09].

**Induced** [Azb88, DJ70, Har63, Hem74, HMR82, JD66, Lun79, DP68, FMS+92, HRC+08, HRS+95, RKL88a, Sri96, SGS+09, Tan96].

**Inducement** [Kuh88]. **Inductance** [BEH+89, EHK+89]. **inequality** [Ris76].

**Inductor** [MR76s], **Inference** [Wat60b, AC92, KBP+12]. **Infinite** [Ins76].

**Influence** [BS78, BB60, BBC60, HBR85, KMH82, Kus70, Mat62b, Pen79, RRB+01, Roe66, SSG69, HBR86, vK62]. **Information** [Ano58f, Hor00, IK00, KW62, Kuh88, Leh78, LP75, Lor70, MHI98, Sea57, Sha55b, Sho04, SY73, To88, Wat60a, Wat60b, Win70, AKNR10, AEG+20, AN98, And10, BS03, Cha77, GDA14, GAB+08, HHH04, Joz04, Luh57, MAD+98, PSD+17, SI09, SKC+10, SHM+12, VAB+13, WR00, ZW17].

**Information-Carrying** [Kuh88].

**Information-Content** [MH98].

**Information-Theoretical** [Wat60b].

**Infrared** [BLLS79, CSH+89, FL74, GH70, GL62, Heb64, BWB+82, Mah93, Sek93].

**Infrastructure** [RBB+02, AA18, AHH+14, BCG+09, BMS+17, BISN+12, CH06, CJJ+16, GCS+12, HBB+05, KAD+16, MOG+19, RRMD17, SHM+12, TCK+15, VSS+09]. **infrastructures** [BGM+16, CFH+09, KFW+14]. **Inhibition** [GSAP17]. **Inhibition-augmented** [GSAP17]. **Inhomogeneously** [CL74].

**Initial** [MW62, van72, BBF+04, vdP72]. **initialization** [CNSS12]. **Initiation** [HSM84], **initiative** [NRD+09]. **Initiatives** [MHI98].

**Injection** [Ghe80, HDFN63, Key65, Key70, Las63, LF64, LS64, Mag73, Mar64c, Pr65, HRG80, Key71]. **injector** [JWSP06]. **Ink** [AEE77, BHR77, BT84, BHW77, BBT83, Car77, CS85, CP77, DLK84, FBW77, LMT84, Lev77, SBT87, Tu75, Twa77, Zab77, Bru76]. **Ink-Jet** [SBT87]. **Inks** [BS78]. **Innovation** [BR81, BS03, CJK+13, GMS+12, HB+81, KDT18, KRS+17, Vib14]. **Innovations** [ADSS81, HYA03, MT81, Num99, TCK+15, ADTS2, AAC+06, ABB+15, JSM+18, WHC+18]. **innovative** [MIZS+03].

**Inorganic** [MCK01]. **Input** [Fra79, Fra80a, Ins77, TW62, Tit61, BSK+08, DWY90, HBL+02]. **Input-Output** [TW62]. **Input-Restricted** [Fra79]. **input/output** [BSK+08, HBL+02]. **InSb** [FP09, Gb69, NMP+69, RK69, TK69, Tur69].

**Insensitive** [LR65a]. **Insider** [AS07, CLH+16]. **insight** [CFH+09]. **insights** [GB93, LDSA02, RDL19].

**Inspection** [WSW83]. **Instabilities** [Boe69, Fri69, Gun64, SSG69, Bra69, HZ69]. **Instabilities** [Ins12]. **Insensitivity** [BBF88].

**Insider** [HHH04]. **InSb** [FP09, Gb69, NMP+69, RK69, TK69, Tur69].

**Infrastructure** [ADSS81, HYA03, MT81, Num99, TCK+15, ADTS2, AAC+06, ABB+15, JSM+18, WHC+18]. **innovative** [MIZS+03].

**Instruction** [AT67a, Bla94, GR90, VBE94, War90, BGAJ94, EV93, MHH01, Mat03, SLC+97].

**instructional** [WA15]. **Instrument** [Shi85, CM19]. **instrumentalism** [HHH04].

**instrumentation** [CLP+13b]. **Instrumenting** [CRHH09]. **insulated** [CD73, CDS00, KM73]. **insulated-gate** [CD73, CDS00]. **Insulating** [PDLM67, TY64]. **Insulator**
interrupt \[AA18\]. intersections \[O'C89\].
Intersymbol \[Kob70, KT73\]. intervention \[HHC^{+18}, RSS^{+15}\]. intracellular \[PSP06\]. intrasystem \[DAS^{+94}\]. Introduction \[Cro70, Fer12, FBG12, How92, Pen91, Pen98, Par98, PC85, Pen91, SS01, AN98, Dat98a, FM75, FT98, How92, Lan84a, Lan84b, LBC^{+14}, Tofo4, CS97\]. Intuitive \[EWBR09\]. Invalidating \[Lom75\]. Invariant \[Ull65\]. Inventors \[Ano67n, Ano67o, Ano67p, Ano67q, Ano67r, Ano67s, Ano94c, Ano94d, Ano94e, Ano94f, Ano94g, Ano95d, Ano95e, Ano95f\]. Inventory \[BCE^{+07}, KSB07, Sop59, KBA07, el 69\]. inverse \[HA00, LR75, Bag94, Cop00a, KBF^{+92}, Kuo92, LCL^{+98}, Spoh94, ZCK71\]. ion-beam \[RL88b\]. ion-beam-processed \[LCL^{+98}\]. Ionization \[KO65b, Pen79\]. Ions \[CGHK77\]. IoT \[PL20\]. IPV \[GDB16\]. Ir \[HKvG^{+11}\]. Iron \[BG60, KS66, KP63, MHS62, NBRB70, PB60, SK69, Sha58a, SOC69, KWT^{+11}\]. Iron-Nickel \[NBRB70\]. irradiation \[SMVK90\]. Irredundant \[\{Ga57\}\]. irregularly \[AG72\]. Irreversibility \[Lan61, Lan00a\]. ISA \[CT06\]. islands \[WTS^{+11}\]. Isn't \[Km90\]. Isolated \[CGR88, LS78\]. Isolation \[BH82, OG80, DHK00, HB73, Vor71\]. Isometries \[CLW79\]. isomorphism \[HH04\]. isoparametric \[DF15\]. Isotope \[GM62\]. Isotropic \[Blu79b, Che64, CS65a\]. Issue \[Ano60f, Car81, MT84, Ano67h, Ano67i, GM60, Mar62\]. Issued \[Ano66n, Ano66o, Ano66p, Ano66q, Ano66r, Ano67n, Ano67o, Ano67p, Ano67q, Ano67r, Ano67s, Ano94c, Ano94d, Ano94e, Ano94f, Ano94g, Ano95d, Ano95e, Ano95f\]. Issues \[Ano57j, Ano58g, Ano58h, Ano58i, Ano59e, Ano60g, Ano60h, Ano61e, BBD^{+02}, FGM^{+83}, Ano62d, Ano63e, Ano66g, Ano66h, Ano66i, Ano67j, Ano67k, Ano67l, Ano67m, Le07, MNW120, ODK^{+99}, PPG^{+01}\]. IT-enabled \[DDDKW12, Vay12\]. Italian \[DFM^{+88}\]. Iterated \[MN07\]. iteration \[GON^{+06}, Mir72\]. iterations \[Lan66\]. Iterative \[ET86, HMW74, Jam89, Lin84, TC84, BS71b\]. Iterative-Improvement \[Lin84\]. Iterative-Interactive \[HMW74\]. Itinerant \[Hon70\]. IUPS \[NNN^{+06}\]. IV \[CFG64\]. iWARP \[NM10\].
J \[ACG^{+87}, Ano93c, Ber76a, DCB77, Lan96, Sta75, TFJ^{+96}, Wie76, WH94\]. J90 \[PBK96\]. Janeiro \[TPC^{+13}\]. Japanese \[MMUS88, TSNF88\]. Java \[AAB^{+10}, SSMD10, TWX^{+10}\]. JBIG \[CM98, Mar98\]. JBIG-ABIC \[CM98, Mar98\]. Jeopardy \[Lew12\]. Jet \[AEE77, BS78, BHR77, Bog79, B784, BHWW77, BBBT3, Car77, CP77, DLK84, FBW77, Lee74, Lee77a, LMT84, Lev77, Pim76, PL77, SBT87, TC63, Twazz, Zab77, Bruss, MKJM93\]. Jitter \[BS85, Nob95a\]. Jobs \[Che75\]. joined \[Okt69\]. joining \[Mil69, Mil00\]. Joints \[CN79, KLS^{+05}\]. Josephson \[Ano80, Ana80, BM80a, BJMO80, BMWL80, BKMO80, Bro80, Don80, FHVZ80, Ghe80, Gou89, GKK^{+80}, GMW80, KL80, MW80a, Mat80, Tsao80, ZG71\]. Journal \[Ano67\]. Journals \[Ano57k, Ano57l, Ano57m, Ano57n, Ano58i, Ano58j, Ano58k, Ano58l, Ano58m, Ano59f, Ano59g, Ano59h, Ano59i, Ano60i, Ano60j, Ano60k, Ano60l, Ano61f, Ano61g, Ano61h, Ano61i, Ano62f, Ano62g, Ano62h, Ano63f, Ano63g, Ano63h, Ano63i, Ano66s, Ano66t, Ano66u, Ano66v, Ano66w, Ano66x, Ano67w, Ano67x, Ano67y, Ano67z\].
journey [UDP+12]. JSP [Tsu80]. Junction [KM64, KO65b, KO66, KO67, KO69, KO70, MG63b, PR65, Rei66, TDM+87, VCP80, Ano06c, GP06a].

Junctions [BKMD80a, BS69, BJMO80, BMWL80, BKM80b, CL64, CSE66, Duv63, FPS66, Gef68, GS80, Han86, Lik88, OMAW60, PF66, SAL63, GP06a, MC68, OKH+02, Sun06].


L [ABC+05, AAC+05, ADG+05, BGH+05, BBK+08, BHD+05, CBB+05, CNC+08, CBC+05, DT08, DLJ+08, EFR+05, FKL+08, GBC+05, GBB+05a, HBB+05, IBP+05, KHZ+08, LKUF05, MSW+05, MAA+05, OBB+05, EMS+08, WAB+05]. lab [DFF+15]. Laboratory [Kov59, LL83, Ros03, Col69b, Gra71, LS69, Mol69, PMS+08]. Lagoon [SCRV78]. Laminated [Bh79b]. LAN [VWPB90]. Land [CRM02]. Landau [Dou62, Sch89]. Landauer [SS88]. Landsat [DBB82]. landscape [EHLSW01]. Landscapes [MM91]. Langevin [Gar88]. Langmuir [RSSS82, TZZ+11]. Langmuir-Blodgett [RSSS82].

Languages [Lom76, Luc81, MO84, Sam81, AR87, CGS61, Dun57a]. LANs [BS85, CS03]. Lanthanide [GSG+90]. Laplace [KRC68, LC80, Lew75, Sug59]. Laplacian [KJP11]. laptop [LG74+03]. Large [Ast58, BSS82, BHP83, Bra64, BBH+67, CD85, DFM+88, DO74, DAB+97, EMM+18, ETW008, GHK67, Mer88, Mon82a, RBB+11, Sch80, Sta89b, Wre83, ABM88, BKF+16, CBK+98, CHG04, Dav69, Elg11, HdTR06, HBT+16, KJS09, Kum98, LSW13, MSB+04, PS91, RBB+02, TWRW89, TB09, VNT16, Hud76]. Large-Area [DO74, Sta89b].Large-field [DAB+97].

Large-Scale [BSS82, BHP+67, CD85, Mon82a, EMM+18, ETW008, RBB+11, BKF+16, HdTR06, HBT+16, KJS09, LSW13, RBB+02, VNT16]. large-tree-search [CHG04].

Large-Vocabulary [DFM+88]. Larger [CAS+91]. Larger-scale [CAS+91]. Laser [Bro78, BH79, CC+79, Chu82, Cro79, DN97, EHMW81, FL74, FLR77, Gab70, Gar64, HMM66, Har63, HD69, HMR82, HDK+11, HDFN63, Key65, Key70, LS64, Lun79, LSH79, SA66, SLLE64, SLHM67, Zwe65, vAR82, DAB+97, DP68, HA71, Key71, Mar71, Sor79, Sor00, SPP97, Spr71, TWRW89, WW71, vS98]. Laser-Enhanced [Chu82, vAR82, vS98]. Laser-excited
[HDK'^11]. Laser-Induced
[Har63, HMR82, Lun79, DP68].
Laser-Optical [FLR77]. Laser-pumped
[SLHM67]. Lasers
[AH79, Cha79, DC82, Har65, JWL82,
KMCY82, Las63, LF64, Mar64c, MG63b,
PR65, SL67, TB82, CBCM79, MG68].
Latch [Cor84, Gra80, Mat85]. Latch-Up [Mat85].
laticencies [BS06]. latency
[CHJ'^18, FGG'^13]. Latent
[Du59, Sch62a, YCB05]. Lateral
[Gil79, LJ92]. Latin [HBC70]. Lattice
[ASV76, BKB76, CERS76, CCD57, Dod63,
Law [RMR94]. Latt-ECE [Kuh60].
leaders [HBC70]. Leading [ADF12]. Leading-zero
[HM90]. leads [EG00, Gus97]. Leakage
[GT80, VCP80]. leaks [SBG'^13]. learn
[BBMR19]. learned [Mer04]. Learning
[BBD'^17, Fri58b, FDN59, OD17, RSS'^15,
Sam59, Sam67, WM92, BHW'^17, BSRG17,
CK17a, CFS'^19, CNP'^17, CNP'^15,
DBNK'^17, EGN'^19, Fri58a, GKT17,
HKD06, KCML13, LRMT95, LGBV17,
MBK'^15, NG17, NML'^20, NBM'^19, RK15,
Sam00, SCC'^15, TGL'^12, ZBBB17,
CNP'^15]. Least [Cio86, Goz94].
Least-Squares [Cio86, Goz94]. Leduc
[Fri58a]. Leeds [Jon70, Bru78, MJJ69].
legacy [HS11]. Legendre [Rob67].
Legendre-Clebsch [Rob67]. Legion
[GHN04]. Lemmas [Kuh60]. Length
[Don81, Fra70, GLP76, DY89, JVP'^90,
SHWK'^90]. Lens [RH63, TH11, Bru97].
lenses [DH69, TW69]. lesion [BSRG17].
Lessons [DSZ'^12]. Letter [And60, BC60b,
BBT60, BB60, BD62, Bre60, BA62, BLB'^63,
BN63, Car60, COC61, Con60, CK63, Dam66,
Die62, Dod63, Dum63, FMP61, FK62, FC63,
Has62, IM60, Ken61a, Key61b, KW62,
KK61, KP63, Ku63, Ku60, LDDB63,
Le 62, Lei62, MW62, MV62, Mar60b,
Mat62b, MS60a, MP61, Mel60a, MWN63,
MHS62, MG63b, NM62, ON60, Pal61, Par60,
PK61, Rad62, Sch67, Seg62, Smi60, SB62,
SS61, Tid62, Tit63, WKW60, Yu61]. levee
[SvNH13]. Level
[BCK13, Bru78, Cle83, FHL'^82, Sam81,
SH69, AW82, Agm02, BOS'^95, BSJ'^13,
BBS'^03, DSW71, GON'^06, GPL'^92,
HPW'^02, JK93, KYY'^08, Pat89, RBK'^08,
SM16, SG95, Wi97, WBB'^04]. Levels
[Fle58, KLCS4, Sop59, KSB07]. Lewy
[Lax67]. LEXX [Cow87]. Li [Les71].
libraries [Agr01, Aus90]. Library
[LS75b, BPS'^96, MBC'^96]. Life [ABD'^14,
BB09, Kov06, Kuh88, CDS'^19, Mc69].
lifecycle [BGJ'^17, KAA'^18, WTT'^14].
Lifetime [FL59]. Lift [HCS80, MW80a].
Lift-Off [HCS80, MW80a]. liftoff
[CH82, HMM82]. Ligand [STW'^08]. Light
[BBL'^63, CJ78a, Dunm63, FPS66, Her66,
Key63, KHKM64, LDDB63, LS64, MWN63,
PRY65, SW98, SB62, VG74, BLDM97, CU98,
CA01, DSR498, DP68, ESS'^20, HP01, Lax67,
LS72, Rab69, RRB'^01, RDD'^98, SSS'^98,
ST'^98, SS00, Shi73, TMS98, YL98].
Light-absorbing [Her66]. Light-Activated
[PRY65]. Light-Emitting
[BBL'^63, Dunm63, LDDB63, MWN63,
FPS66, CA01, HP01, RRB'^01].
light-source [DSRC98]. Light-Valve
[SW98, SST'^98]. Lightly [Lan63].
lightwave [BGO03]. like [Key61b].
likelihood [Boh70, EOH10, Sta73]. likely
[OKH'^02]. Limit [Heb64, Tau02, Var19].
Limitations [LS64, BJW72, CBBS90].

Limited
[BJM+06, Fra70, Mag73, MS60a, HC69].

Limits [Bro88, Key88, DDA+93, DAS+94, Emm97, EHP805, Fra02, Key00, NBF+16, PK88, Sta02].

LiNbO [HD69].

Line
[BF77, Ber64, Dah67, GHV70, GC81, GM63, Hop61, SAL63, Sve78, Tay79, Tod78b, ZL87, ABC+99a, ATW97, BH95, BP74, BFH+93, HRV69, MBC+96, RS94, Rei69, Tib93, Wee72, WC69, WWA+98, YG81].

Linear
[AST67b, CW72, ET86, GK64, MY67b, MW70, Nus77, Pim76, Pri57a, Sch85, Sie63, Tuc60b, AW82, AGZ94c, BE03, BM68, CIE+99a, ATW97, BH95, BP74, BFH+93, HRW69, MBC+96, RS94, Rei69, Tib93, Wee72, WC69, WWA+98, YG81].

linear-algebra [Gus97].

Linearization [Ger73].

Linearly [KO67].

Linearly-Graded [KO67].

Lines [Gru79, Hor76, Mul67, Ost84, Wit85, Bra68, Cha88, DKR+90, Ho73, HRS+95, Kep75, Lan60].

linewidth [CAC+95].

linguistic [BC00].

Link
[Cro79, MT77, DRSM15].

Linked
[CT76].

Links [TW62, CBB+04, FMP+03, GLO92, KACS95, PK03].

Linpack [KGBB09].

Linux [BBK+16, ZST+07].

Liquid
[BL62, Bog79, DC82, Lan85, Lee74, Lee77a, McC92, Pin76, PL77, RL70, SW98, Spr63, Tu75, AT00, APO92, AIH+98, CJ78a, CJ78b, How92, KFY92, KRC68, LL98, LCL+98, NAA98, RDD+98, SHWK+90, SST+98, SS00, TSH92, TCCH98, WWA+98, YAH71].

Liquid-Crystal
[DC82, McC92, SW98].

liquid-nitrogen [SHWK+90].

Liquids [MW62, DP68, Shi73].

Literary
[Tas57, Luh57].

Literature
[Luh58a, BWK20, MIL+18, Bax58].

Lithographic
[DMW77, MPS77, BBS+97].

lithographical [BTW92].

Lithography
[BLDM97, Bro88, Dav80, Gil84, HWC88, JW182, Par80, PS80, RFF+97, Rot80, War93, AWHK97, Arc93, BRB+01, BGK+82, Bru97, CS97, DEG+01, GHP+93, GC93, HMH97, It001, LL93, LMW+01, MBB+01, PGN88, See93, SMVK90, SGL+97, SRO93, Sp93, W93].

lithological [BBPS91].

Lived [SH84].

LLNL [CCD+13].

load-balancing [CHG04].

Load-Sharing
[Chi60a, Con58, Con60, Mar59, MR76b, BZ06a, CHG04, EV93].

Load
[Chi60a, Con58, Con60, Mar59, MR76b, BZ06a, CHG04, EV93].

Loaded
[GM63, HG83, Lan63, EC71].

Loading
[van72, BBF+04, CGLL93, GLCW93, vdP72].

Loads
[ALL77, BGT74, KS01].

Local
[Cro79, DJBT81, Fra83, HWC88, JWL82, Par80, PS80, RFF+97, Rot80, War93, AWHK97, Arc93, BRB+01, BGK+82, Bru97, CS97, DEG+01, GHP+93, GC93, HMH97, It001, LL93, LMW+01, MBB+01, PGN88, See93, SMVK90, SGL+97, SRO93, Sp93, W93].

lock [KHBC66].

locks [HS82].

locus [Dan66].

log [McN94, RRMD17, WLH+17].

log-structured [McN94].

Logarithms
[Che72].

Logic
[AJR62, Be92, Bra87, CGG+64, Cle83, DJBT81, DBG+84, DHSC64, DHSC00, DLW86, Don80, Don81, EL80, EL83, GRS87, Ghe80, GLL80, GHH57, HMW74, Mon75, KL70a, MC66a, Ko81a, LM80, LBH+75, MS05, Mat80, NW64, RSL81, SKB+96, TC84, VI82, Voi65, Wei79, Woo75, AAH86, BEM+92, BMJ+06, BGL+92, BMT+90, CCHH81, CAC+95, DBG+00, Di 88, Don74, Fus77, FM75, FN71, dTGHC92, HCO74, HBB99, KL63, KCA+95, Ko81b, MB+90, WPL+12, Wei91].

Logic-based
[MS05].

logic/firmware [WPL+12].

Logical
[AJH+57, Ben73, BDH83, Bon62, DMN+59, PR59a, SGK04, Swa60, WW75, Win62, Zul01, Ber76a, Wie76, WYTO04].

logistics [BCE+07, BKPS2, SS20, SCH+09].

Lognormal
[NB61a, NB61b].

Long
[Kuz70, SH84, BBC+08, DKS+95, GCL+19].

Long-Lived
[SH84].

Long-Range
[Kuz70].

long-term
[BBC+08].

Longer
[MG63a].

Look
[Kin61, LT70, CGS61, Dan66].
Look-Ahead [LT70]. Look-up [Kin61, CGS61]. Loop [Ben59, MS67, WC75, BSSZ76, BCH+16, Cov92, Hip70, ST89]. Loops [BA62, CT76, MKP73]. Lorenz [Pri57b]. Loss [Kar74, Las63, MVK85]. losses [Yas07]. lossless [Bra68, Ho73]. Lossy [GC81, DR90]. lots [NBF+16]. love [Mer04]. Low [BH89, CFH64, CNC+95, CHJ+18, Cre58, GMB+05, HOWP92, HS91, Ims77, Jon65, Jon70, KDB+60, KBC+03, MJJ69, Mey90, Mey00a, MPD86, RL70, SKB+11, SCYK78, Tay81, Tro00a, Bea90, BJM+06, CNE+19, CT06, DTTK95, EB91, EO13, FGG+13, HSS+10, JK93, LZZ+16, LCHL95, MZS+03, MKH+11, NHK+03, PZK+03, SAT+08, SN02, SKSP06, SPR+95, SCG+13]. Low-cost [GBB+05b, HSS+10, LCHL95]. Low-End [Tay81]. Low-Energy [Jon65, SKB+11, Tro00a, MHK+11]. Low-field [BH89]. Low-inductance [HOWP92]. Low-latency [CHJ+18, FGG+13]. low-margin [LZZ+16]. low-noise [DTTK95]. Low-Operating-Voltage [MPD86]. Low-overhead [HS91, EO13, SKSP06]. Low-power [KBC+03, BJM+06, CT06, MZS+03, PZK+03, SAT+08, SN02, SKSP06, SPR+95]. Low-temperature [Mey90, Mey00a, Bea90, SN02]. Low-Toxicity [RL70]. low-voltage [NHK+03]. low-volume [SAT+08]. Lower [DHT3, FL75, LF77]. LPE [Lew78a]. LRU [BK75]. LSI [CHS+82, FS82, KMH+82, Mon82a, OK82, Rot82, Sak79, Sta76, Sta00, Ver80]. LSS [DBG+84, DBG+90]. LSD [BTP+90, Cor84, EL83, LSF84]. LT1280 [Bar83, PW83]. LTO [Jaq03]. Lubricating [Lan85]. Lubrication [TT74, VG74, BHHO59, Gro59, Mat95, Mic59]. Luminescence [PF66]. Lumped [Rut59]. Lump-Parameter [Rut59]. Lung [Tay57]. lysozyme [ZEH+08]. LZA [HM90]. M [Dou00, BDN+02, Bra72b, HWC88, PZK+03, SHWK+90, SWC+95, TMF+95, ACM+89, Yet89]. m-gate-length [SHWK+90]. MAA [Lye77]. Machine [AST+67a, Bax58, Fri58b, FDN59, Gro90, HF78, HKD06, LH57, ND57, RR83, Sam59, Sam67, WM92, ZBBB17, AT78, Be92, CGS61, Fri58a, HM71, MYK+17, NML+20, OD17, Sam00, SSMD10, ZY72, LH00, ND00, VBE94]. machine-independent [AT78]. Machine-Made [Bax58]. machine-printed [HM71]. Machines [Bau84, BMS80, GR58, Gum83, SH57a, FHP91]. Macro [GLL80, HY84, MM82, Ver80, SPR+95]. macromolecules [HMK+01]. Macros [Jon75, Sch80]. Made [Bax58, BA70, SBF+97]. Magic [CSS+83, Par98]. Magnet [JT66]. Magnetic [AKK+67, Adl70, ABK89, Ahn66, ABPS66, Azb88, BTW62, BBP72, GBB80, Bht79a, Boy60, BBK86, BS70, CDS+86, CHBH95, Cha62, CLW80, CC76a, Dav77, DP59, DPW60, Die62, Dou62, DSSS64, EGSS60, Fan61, FL90, Flu67, FP57, FK62, GLS67, Goo62, HPWW81, Hooa85, Hooa86, KPST61, KJMS67, Kru98, Kuf63, Khbc66, Kus70, Kuz70, LL83, LR85a, Map62, MPST66, Mat70, MP61, Met70, Mid65, Mid66, MW67, ND57, ODR70, OHSP76, PW67, Par60, PH74, Pat75, Pat85, PFS+70, PSS67, RK66, SSS+65, SH57b, SH57c, Sch85, Sea85, Sie63, Sko85, Sko86, SM66, SHSS90, SHSS90, SN98, TW74, Tin62, TH64, Whl70, WCB+86, WY76, AF68, AW89, An70b, Ano06c, BB88, BW81b, BS03, Coo90, Dec90, DPW00, EHH10, EKS+04, FCH70, GP06a, GDR70, HJS98]. magnetic [Hao00, Hsi99, ICO71, Jon98, KT70, Kof71, Lew73, Meh89, ND+04, ND00, OCR+98, Par98, Pat89, Re71, Ste81, SHCS05, TB00, TFL+98, Vin81, Yan71, van89]. Magnetic-Core [FP57]. Magnetic-Disk [ND57, ND00]. Magnetic-Field [EGS60].
Magnetic-Field-Induced [Azb88].
Magnetic-Recording-Head [Sea58].
Magnetically [NW64, ETWO08].
magnetism [KIF + 89].
Magnetite [Sie70].
Magnetization [DP59, KG63, Mee67].
 magnetized [YTF + 11].
Magneteto [Beb62, WB70, Bro72, Pat72].
Magneteto-Optic [Beb62, Pat72].
Magneteto-Optical [WB70, Pat72].
magnetoresistance [Far98].
magnetoresistive [BCRT74, CPL + 74, Hem74].
magnetostatically [Cha62].
magnetostrictive [Pre66].
magnetotransport [SKEG + 98].
magnets [YTF + 11].
 Magnitude [Par80, CIE + 03].
Main [Gha75a, GMW80, PSS67].
Mainframe [AK82, DP13, EDGL + 13].
Maintaining [Now02, Tom72].
maintenance [CHMW07, WLH + 17].
Majority [LM80].
Majority-Logic [LM80].
Make [GW57a, GW57b].
maker [MD12a].
Making [CP91, CAS + 91, CASP91, ESI + 12, Kis03, Pen91, PBBL07, MAG + 01, PW72, RDL19].
maleimide [GA88].
malicious [APRS16, VNT16].
malware [HJW + 16].
Man [BA70].
Man-made [BA70].
Managed [CJI + 16, ISV16, KAA + 18, Pon17, VSS + 09].
Management [ANO20b, CT76, GLP76, LS76a, Pri07, RM10, Skl76, AAB + 14, AEG + 20, ABB + 12b, BKN10, BWK20, BPS81, BGM + 16, BNN + 09, BNSG09].
BFRT13, BHH03, BBB + 05, BM96, BGJ + 17, Car10, CHH + 01, CTD + 16, CNP + 15, DB20, DM03, DLJ + 16, DYK10, EB06, EWBR09, FGK + 07, FWR + 11, FM10, FGG + 13, FLMK06, GDA14, GAB + 08, GAJ + 16, HZG + 16, HS11, JSL14, JWJ + 11, KKB + 09a, LRV + 09, LSS14, MSV14, MBA + 12, MN97, MS07, PL20, PKKK07, PAB + 05, RAR + 14, RHM + 99, SCI05, SBD + 10, SPB + 17, SGK04, SVNH13, SCH + 09, SCM + 82, SCG + 13, Tal20, VRL10, VOW + 12, VAB + 13, WLB + 15, WSE + 16, YSH12, vKCD + 10, CHY92, PS09].
Manager [Kov06, Mau18, FGM12, MBA + 12, YSH12].
Managing [Aus90, BCC + 16, Jen10, Kru84, WAC + 16, BC18, SPS + 06].
manganese [SKEG + 98].
Manganese-Iron-Oxygen [Sha58a].
Manipulation [AMG + 87, CAE + 76, THL85, AGR02].
Manipulator [Tay79].
Manley [RP66].
manned [Jam81].
manufacture [CAC + 95, GHP + 93].
Manufacturing [BW83, Don00, EGS + 85, GAC85, Har81, HMM97, MT11, SW67, AP69, BBH82, CDDS82, CMS85, CNC + 95, FGP + 85, FS82, KL70b, KL94, LRMT95, MCH + 82, Osb93, Ros99, Rot82, SCH + 09, Stu70, Tib93].
Many [Ad64, BCE89, BMS91, Di 88].
many-body [BMS91].
Many-Valley [Ad64].
many-valued [Di 88].
mapper [BMK + 05].
Mapping [ABC + 85, CA84, GHLW84, MY65, OST84, LPPT86, PB89, RK15].
Mappings [Cve87b].
MapReduce [SXW + 13].
maps [BBPS91].
margin [LZZ + 16].
Mark [Dav80].
market [Sav69, SGESR10].
Marketing [Car10].
Markov [Bir01, Hei80, LB07].
Markovian [IS83a, IS83b].
Maser [Fan64, SS61, Smi57].
Mask [Ham78, KO65a, KM66, Rot74, BM93, BSM + 97, MAG + 01, Rot82].
mask-making [MAG + 01].
Masking [JMLW94, Mid70b].
Masers [RHM63, SPP97, GHP + 93, SMV90].
Mass [Lev66, MKJM93, Pat80, SFD77, MS89, Spo94].
mass-production [MS89].
Masses [Gus76a, Gus76b].
Massive [CP13, SSC + 15, Soi13, BBC + 08, GGG + 13].
KML13, SXW + 13, ZSY + 13].
Massive-scale
Massively
[SCC+15, Sof13, GGK+13, ZSY+13].

Material-Handling
[KR87, Kur87, LC80, Maz70, Tap82]. Material [BS84b, CS65a, Hai85, Par60, AAC+06, DVM81, RK72, Yan07].

Mathematics
[Coh87, HM87, Wan60, AKM+03]. Mathieu [Lev66]. Matrices
[Erd59, Fia65, Sch84, VM79, AGZ94c, CW85, Fil70, Gus03, PS91, Tue68]. Matrix
[Chi60a, Con58, Con60, Her66, Mar59, McA83, Tue60b, ZH89, AGZ94b, ABG+95, AIH+98, CAW+98, Gup97, LCL+98, RSS91, Ris72, Sit71, Tol97]. matrix-multiplication
[AGZ94b]. Matter [EFG+05]. Mathematical [DB09, KO67, KO69b, Opr03, Paz75, Pul03, SH57b, SH57c, SS55a, Var19, CFL67, KM68, KM73, WH94].

Maximum
[Mae64, Mar64a, MS60b, Pat70]. Maximizing
[RMM03]. Maximum [Bar80, Bar86, Boli70, EÖH10, FHS06, Mac60]. maximum-energy-concentration
[Bar86]. maximum-likelihood
[EOH10]. Mb
[FKP90, GP06a]. Mbps [OCB+90]. Mc
[Rut59, RS59b]. MCAW [EBH+16]. MCM
[KBM+99, KPT+02, Lee77b]. MD
[EK+04]. MDGRAPE-2 [EK+04].

Mean
[Col62, Pri58c, Mat03]. mean-value
[Mat03]. meaning
[AC92]. Meaningful
[Sha12]. Means
[AK82, Sie63, CNH73]. Measure
[SS88, DB01]. Measured
[SS88]. Measurement
[BDS+97, Cha73b, EG560, FF73, Hun59, KKS+73, Sni60, VCP80, BP74, DR93, GRH+08, GLC93, HD73, KMK68, KO69a, KS01]. Measurements
[Ahn66, Bro66, CEFY4, DKAC67, FHH64, KC89, KWB88, Map62, PHS80, Sie70, WB70, ABC+99a, CDM89, ES9H95, EFR+05, LS72, NBF+16, Peh69]. Measuring
[HF84, Gia66, HP84a, Sav70]. Measurement
[Beb62, DH69, FL47, KRS+17, RSL+70, Yan71]. Mechanical
[AOR62, BBK86, DH83, LW77, Tay57, TBG+15, Wan60, WLPL+80, WCB+86, Bal91, BBF+05, Fer70, GPL+92, KLS+05, Pri66, WG93].

Mechanics
[CFT2, Pri58b, Mbo91, Tho94]. Mechanism
[Bay78, Cla79, HP66, Mee67, MWEJ05, HMM82]. Mechanisms
[BLR84, BRA84, Cha69, Gom86, Ho66, Kas70, PL79, Sch62a, vAR82, BW72, MMV+01, PAZ72, Whi93]. Mechanistic
[GB93]. mechanized
[Luh57]. Media
[Bay69, Blu79a, Pol78, SW74, BDMN14, BEJ+14, HPZ+05, JMM+96, KSSC+13, MA96, NMH+07, RVT+13]. mediated
[GB93]. Medical
[Pet77, ACC+15, GLDS14, KWB+15, OMA+96]. medical-image
[OMA+96]. medicine
[Far82]. Medium
[Cop00a, Gru79, Mir60, CDD+10]. Medium-energy
[Cop00a]. meeting
[MWL+14, KSB07]. meets
[MBB+01]. Megacycle
[WRLA57]. megapixel
[SY+98], Meissner
[Mat62b, vK62]. melanoma
[CNP+17]. Mellin
[Lew75]. MEM
[KJP11]. Membrane
[DWGC85, Pet79]. membranes
[ABM+01]. Memories
[As58, Gra80, Sch63, W77, FR01, Gab69, Hu09, KMB+08, Lai08, ORT+96, VTMB+90, WW71]. Memory
[Aic84, ABP566, Bar75, BBC+64, Bla63, BCH84, CFL73, CH84, CR84, CLW80, CPZ63, Cro57, Cve87a, Dah63, Dub72, FHVZ80, FMP61, FP57, Gar57, Gha75a, Gha75b, GMW80, Has62, Hor62, JM64, KPST01, KJS07, KHBC66, LL99, LH57, LH00, LST80, MRH89, MLG84, Mat80,
MP61, NAB+15, ND57, ND00, OBB+05, Ost84, Pea69, PSS67, PHCR81, RS94, RRSW61, RWC80, SSW65, SMD80, Swa60, TFR+01, Tro80, WWLF67, AGZ94b, BS06, BPP72, BPS81, BAB+13, BH80, BCCK92, BKS+08, CNL+19, CP97, CTT91, CGN72, CW91, Don74, DMR+81, EGN+19, FP73, FHR01, FW08, GBK+19, Hat72, HRCG80, Lar80, LGW+15, Lec77b, LH84, MBJ+97, MDB+02, MH01, Mat03, MLMP+12, MCG+15, NFG+17, OWG+13, Pat72, RBB+08, RHC73, SKP96, SSD+15, SDS+18, Sur15, Tol97, TGB+80, VLT+12, Won90, AFP+01, SAPT01.

memory-system [Tol97]. mentor [WA15].

Mercury [CJT62, RL70]. Merge [Tod78a, TW85].

merging [GLK+12]. Merit [Esa62, Gia66]. Mersenne [Nus67b, Nus77].

MESFET [Moh70]. MESFETs [JVP+90]. mesh [FGH+06]. mesh-connected [FGH+06]. Mesoscopic [CGR88, KH88].

Message [Age04, Aoe05, Age08, Bal05, Cal81, CHe08, CHe08, DR08, Des02, Des04, Don00, Kov06, Man18, Mey03, NFN15, Nun09, Pea09, Pic18, Pri07, PS09, Pul07, Ros03, San12, Str81, VV14, AAC+05, KLMV19, LDSY91]. message-passing [AAC+05, LDSY91].

Messages [MG63a]. messaging [BE6+02, NNMJ01, SCW10]. META [AGH+16]. Metabolic [NBF+00].

metabolism [LPPT86]. Metal [BLR84, BPA84, Fr70, LMD70, RM70, RWC80, Was88, BNT67, CWC95, Dat95a, DN97, Dur94, GB93, GNF06, HSH+88, KMB+08, OHWR88, SN98, VWJK11].


metal-polyimide [DN97]. metal-polymer [SHS+88]. Metal-To-Polysilicon [RWC80].

Metallic [Coo62, Lan88, SC88, CG73, Lan57, Lan96, Lan00b]. Metallization [FHL+82, Ham78, Mid70a, WKD98, CU98, GPL+92, LV94, WDA05]. metalloenzymes [MMV+01]. Metallographic

Metallurgy [Han57, KWT+11]. Metallography [Kov59].

Metals [GRS87, KT84, BA69, TS69]. metalorganic [Tis90].

Metastable [RV88]. meteorite [KWT+11]. Meteorology [Kol67].

metering [Sch96b]. Methacrylate [AGLM85, GOJN77]. Methacrylate-Based [AGLM85]. Methacrylates [Hir77].

mетодology [GGKK96]. Methodology [CW83, LSH76, SH84, TS82, ABB+99, BAB+07, BBW+18, BBS+03, CCW+02, DL02, EGH+96, FBB+11, HNS+03, HKR+97, KBB+97, KEL+00, Mat98, RB90, RBK+08, RFC+07, SCC+97, TAM+08, WBW+15, ZFG+11, EPP10]. Methods [Bro66, Dub83, Fra70, FP83, Gaz78, HS85, HW81, HS61, KLS66, LG63b, Mir69, Ode87, Sch62b, ATW06, BSH73, GM72, GK64, Ham99, HHR99, HM71, HKD06, Hor98, HRS07, HE10, Kri82, LTO72, MAC60, MDR+07, Meg63a, RW59, Wid67, Wol72, WBT+10].

Methyl [AGLM85, GJN77]. metric [DRS+15, FM10]. metrics [BC18].

Metrology [Rot74, Rot82]. Mexico [HF78].

MHz [RHC73]. Michelson [GH70].

Microanalysis [NM62].

Microarchitecture [FAD+07, BBS+03, LSF+07, MWS09, SCS+02, SBDT+09, SKT+05, SVE+15, TDF+02].
microarchitecture-level [BBS+03].
Microarchitectures [CNL+19].
microbiome [WSE+16]. microblogging [CGM+15b]. microcode [vBBE+02, GMS05, KKM02]. Microcoded [CN74]. Microcontact [BLDM97].
Microdisplays [HP01]. microelectronic [Cop00a, CNC+95, KLS+05, TW69]. Microelectronics [DHSC64, Ang01, BRB+07, DHSC00, JS00, KBF+02, OSP+98, RW+05, RB92].
microelectronics-related [JS00]. Microfabrication [Dat98b, Dat98a, vS98]. Microfabrication [Han57].
microfractography [Mon82b]. Microfabrication [CMR72]. HBT [BCE+97].
Micrographs [NSOO98]. Microfractography [Mon82b]. Micrographs [Tar63]. Microglossaries [Tar63].
microelectronics-related [JS00]. Microfabrication [Dat98b, Dat98a, vS98]. Microfabrication [Han57].
microfractography [Mon82b]. Microfabrication [CMR72]. HBT [BCE+97].
Micrographs [NSOO98]. Microfractography [Mon82b]. Micrographs [Tar63]. Microglossaries [Tar63].
[Mat98]. MnO [Mat70]. MNOS [FP73]. MnRh [Sui75]. MnTe [MDJ+70]. Mo
[HB76]. Mobile [CJK+13, GRB+16, Rit13, CLP+13b, CLP+13a, HHC+18, KKT09,
OYHSB14, RRMD17, RF8+03, SSK+16, YGR14, MFB+13]. mobile/BYOD
[SSK+16]. Mobilities [PK61]. Mobility
[LB85, PB69, Sie70, AAM+07]. Mode
[Dum63, GHW70, KHBC66, PK61, SAL63, Tie61, WS75, CJM96, HB73, SGK04].
Model [AKK72, AST67a, AEGP67, And73, AHH+91, BB578, BM63, BGM+67, BH82,
BH92, CH576, Cha74, Cho75, HHC+18, KKT09, OYHSB14, RRMD17, RF8+03, SSK+16,
YGR14, MFB+13]. mobile/BYOD
[SSK+16]. Mobilities [PK61]. Mobility
[LB85, PB69, Sie70, AAM+07]. Mode
[Dum63, GHW70, KHBC66, PK61, SAL63, Tie61, WS75, CJM96, HB73, SGK04].
Model [AKK72, AST67a, AEGP67, And73, AHH+91, BB578, BM63, BGM+67, BH82,
BH92, CH576, Cha74, Cho75, HHC+18, KKT09, OYHSB14, RRMD17, RF8+03, SSK+16,
YGR14, MFB+13]. mobile/BYOD
[SSK+16]. Mobilities [PK61]. Mobility
[LB85, PB69, Sie70, AAM+07]. Mode
[Dum63, GHW70, KHBC66, PK61, SAL63, Tie61, WS75, CJM96, HB73, SGK04].
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BH92, CH576, Cha74, Cho75, HHC+18, KKT09, OYHSB14, RRMD17, RF8+03, SSK+16,
YGR14, MFB+13]. mobile/BYOD
[SSK+16]. Mobilities [PK61]. Mobility
[LB85, PB69, Sie70, AAM+07]. Mode
[Dum63, GHW70, KHBC66, PK61, SAL63, Tie61, WS75, CJM96, HB73, SGK04].
Model [AKK72, AST67a, AEGP67, And73, AHH+91, BB578, BM63, BGM+67, BH82,
BH92, CH576, Cha74, Cho75, HHC+18, KKT09, OYHSB14, RRMD17, RF8+03, SSK+16,
YGR14, MFB+13]. mobile/BYOD
[SSK+16]. Mobilities [PK61]. Mobility
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[Dum63, GHW70, KHBC66, PK61, SAL63, Tie61, WS75, CJM96, HB73, SGK04].
Model [AKK72, AST67a, AEGP67, And73, AHH+91, BB578, BM63, BGM+67, BH82,
BH92, CH576, Cha74, Cho75, HHC+18, KKT09, OYHSB14, RRMD17, RF8+03, SSK+16,
YGR14, MFB+13]. mobile/BYOD
[SSK+16]. Mobilities [PK61]. Mobility
[LB85, PB69, Sie70, AAM+07]. Mode
[Dum63, GHW70, KHBC66, PK61, SAL63, Tie61, WS75, CJM96, HB73, SGK04].
Model [AKK72, AST67a, AEGP67, And73, AHH+91, BB578, BM63, BGM+67, BH82,
BH92, CH576, Cha74, Cho75, HHC+18, KKT09, OYHSB14, RRMD17, RF8+03, SSK+16,
YGR14, MFB+13]. mobile/BYOD
[SSK+16]. Mobilities [PK61]. Mobility
[LB85, PB69, Sie70, AAM+07]. Mode
[Dum63, GHW70, KHBC66, PK61, SAL63, Tie61, WS75, CJM96, HB73, SGK04].
Model [AKK72, AST67a, AEGP67, And73, AHH+91, BB578, BM63, BGM+67, BH82,
BH92, CH576, Cha74, Cho75, HHC+18, KKT09, OYHSB14, RRMD17, RF8+03, SSK+16,
YGR14, MFB+13]. mobile/BYOD
[SSK+16]. Mobilities [PK61]. Mobility
[LB85, PB69, Sie70, AAM+07]. Mode
[Dum63, GHW70, KHBC66, PK61, SAL63, Tie61, WS75, CJM96, HB73, SGK04].
Model [AKK72, AST67a, AEGP67, And73, AHH+91, BB578, BM63, BGM+67, BH82,
BH92, CH576, Cha74, Cho75, HHC+18, KKT09, OYHSB14, RRMD17, RF8+03, SSK+16,
YGR14, MFB+13]. mobile/BYOD
[SSK+16]. Mobilities [PK61]. Mobility
[LB85, PB69, Sie70, AAM+07]. Mode
[Dum63, GHW70, KHBC66, PK61, SAL63, Tie61, WS75, CJM96, HB73, SGK04].
Model [AKK72, AST67a, AEGP67, And73, AHH+91, BB578, BM63, BGM+67, BH82,
BH92, CH576, Cha74, Cho75, HHC+18, KKT09, OYHSB14, RRMD17, RF8+03, SSK+16,
YGR14, MFB+13]. mobile/BYOD
[SSK+16]. Mobilities [PK61]. Mobility
[LB85, PB69, Sie70, AAM+07]. Mode
[Dum63, GHW70, KHBC66, PK61, SAL63, Tie61, WS75, CJM96, HB73, SGK04].
Model [AKK72, AST67a, AEGP67, And73, AHH+91, BB578, BM63, BGM+67, BH82,
BH92, CH576, Cha74, Cho75, HHC+18, KKT09, OYHSB14, RRMD17, RF8+03, SSK+16,
YGR14, MFB+13]. mobile/BYOD
[SSK+16].
Multiplexing [RTM65, Thr65, BNW99].
Multiplication [Ken61b, Meg62, RSS91, AGZ94b, ABG+95, Tol97].
Multipliers [VP88, BH95].
Multiply [MS87, SN87, AEG+02].
Multiply-Connected [MS87, SN87].
Multiprocessing [KSW74, MSB+04].
Multiprocessor [FL75, KDH+05, LDSY91, LRH+02, MIH01, RSS91, SRL+11, SWB+91, SON+91, VLP+05].
Multiprocessors [CSZ86, BLM+92, FGT91].
Multiprogrammed [CDW75, Cho75].
Multiprogramming [And73, CFL73, Gha75b].
Multipurpose [Dun57b, DMN+59, EBD+95].
Multiqueue [Lei62, Lei61].
Multiqueuing [Sch62b].
Multiscale [DKA+05, PSP06, NNN+06].
Multispectral [Kan78, SM78, DBK82, NT72].
Multistep [Ode87, LO72].
Multithreading [Ano05c, ABB+15, MMM+05].
Multivalued [BP74].
Multivariate [Wat60a, BS72, OOL+12, YR91].
multiwavelet [FBHJ04].
Muons [Kel89].
Muonspin [Kel89].
Murphy [Mei83].
Mutually [LF64].
MVS [ALS81, CHY92, SV92].
MVS/ESA [SV92].
MXT [AFP+01, SAPT01, TFR+01].
microtoxin [NBF+16].
myocardial [LPPT86].
myofibril [HdTTR06].
myomiocyte [UBK+88, SS93].
nanomagnetic [Sun06].
Nanoscale [ZVW+11, HST06].
Nanoscience [TH11].
Nanosensor [DPW60, DPW00, PSS67, WWLF67].
Nanostructure [CKK+88, HST06].
nanostructures [HJS98].
nanowires [SHCS05].
NaOH [PM72].
narrative [GCL+19].
Narrow [DKAC67, KM66, LC83].
National [Coh87].
Natural [BKL88, Nature].
Navy [Com83].
Nb [HBL62, ZBL+72, ZBL+72].
Nb-Zr [HBL62].
NChilada [LQRS04].
Nd [TCCH98, YTF+11].
Near [DPR86].
Near-Field [DPR86].
Near-Ideal [KG80].
Necessity [Sch67].
ned [Agn02, BGS13, BH11, VRL10].
nedles [CCFB+12].
nedles [KVP+20].
Negative [Bay69, CGHK77, ET70, Goo62, HA58, MNS69, PB69, Rut59, Rut64, SGL+97, SNM69, CASP91, Pai69].
Negative-Resistance [HA58, Rut59].
negatives [CP91, CAS+91, CASP91, Pen91].
Nematic [YL98, LJ92].
neocortex [DLJ+08].
nonalatal [OOL+12].
nested [HS91].
Net [Ch60b, AKG+19].
NetMessage [AEH+04].
NetMessage-protocol-based [AEH+04].
nets [AKG+19, Mat98, PS86].
Network [Ahu79, BCH+16, CW77, Cve87b, HP84a, HS81a, Ho75a, HS81b, KP63, MHS62, Pal61, RK15, SL76, Sie63, SW83, Str81, Str83, Tid62, ABC+05, ABB+03, Ari69, BCA+07, CFS+19, DXZS13, FNY+10, HW72, HT69, JAC+19, LDJ+10, LSW13, LSZ+10, MYKK+17, Moo72, NQ20, OC9+90, ODA+08, PSP06, Rey69, SHCV19, SMS80, Sed67, SM71, VJA07, ZSY+13].
network-attached [ODA+08].
network-centric [BCE+07].
network-optimized [LDJ+10].
Network-structured [RK15]. networked [QGT13].
Networking [Whe88, BAB+18, DM03, DOJ+14, HSGC05].
Networks [Ahm80, Bra64, CHW75a, CHW75b, Cha67, Fra83, Fra87, HS85, MT77, MFT77, Moc60, RK75, Sau81, Alf89, ATC+15, BSRG17, Bra68, DFNNS17, EPP10, Gla97, HF91, Irrv93, Ism00, Lam77a, Lam77b, MMWLN99, MM94, MDMN10, Pip87, RR69, SP17, SS82, SXW89, SPS+06, VNT16, WP11, WT91, YCJ+17].
Neumann [AG72].
Neural [JAC+19, MYKK+17, AKG+19, DFNNS17, LGBV17, MM94, SP17, WT91].
Neural-network-based [MYKK+17].
neurodegeneration [PCW+17].
neuroimaging [PCW+17].
Neuromorphic [NLP17, FLB+19, LRNS17, MYKK+17].
neuron [KSH+08]. neuronal [TMW+17].
neurons [GSAP17].
neurophysiology [TR77].
neuroprosthesis [DBNK+17].
neuropsychiatric [CGH+17].
necroscience [CK17b].
nervousynaptic [ATC+15].
neutron [BEH+89, CPT2, EHK+89, HHB+89].
neutron-scattering [BEH+89, EHK+89].
network [ZW17].
NEXAFS [CHL+11].
Next [AEG+20, ACD+15, DEG+01, EK08, FW08, JGD+08, KAB+05, OW00, SFH+16, WD94].
Next-generation [AEG+20, DEG+01, JGD+08, KAB+05].
Ni [MMT60, Mid62, CW78, Dem78, LR65a, MFS+11, Midd5].
Ni/Fe [MMT60, Mid62].
Nicholas [Don00].
Nickel [AC63, BB60, Fr62, NBRB70, PBF60, AT00].
nickel-base [AT00].
Nickel-Iron [BB60, PBF60].
Nicolson [Fla65].
NiFe [Flu67].
Nigeria [THB+17].
night [ESS+20].
nighttime [ESS+20].
NIL [SS87a].
nenties [Pul03].
Niobium [BMWL80].
NIS [HC70].
nitridation [Hes99].
Nitrile [DA77].
Nitrided [HBB99, GLG+99, Luc99].
nitrogen [SHWK+90].
nitrogenous [MFPJ71].
nitrones [YHA71].
Nitrous [EB99].
NLP [KMC+11].
NMR [CSS83, KIF+89, Lye77, LY83].
No [Car60, ACG+87].
Nodal [Ho7a].
Node [SL76, BWB+18, DRSM15, FKE+08, Irrv93, WN+02].
ode-link [DRSM15].
Noise [Ano66].
n sights [Blal63, Blal65, CCM65, DG84, Eli58, Fa17, Gar88, PL83, PH65, Pri59, SA66, SW74, TK69, VSF65, DTTK95, EOH10, PAZ72, Tur69].
nose-predictive [EOD10].
noseless [Chi60a, Fra82].
noisy [Gri04].
Nominal [Bau63].
Nominally [IM57].
Non [IS83b, LS76b, MT84, Roe66, Sch64, Stal67, BTWY92, CHdTG92, IS83a].
Non-Bandlimited [Sta67].
Non-ideal [Roe66].
Non-Impact [MT84].
Non-Markovian [IS83b, IS83a].
non-normal [BTWY92, CHdTG92].
Non-Ohmic [Sch64].
Non-Stationary [LS76b].
nonbinary [Dan82].
Non-coded [CMP87].
Non-degenerate [Gar64, Lew73].
Nondestructive [AH79, KJMS67, PC64].
Nondestructive-Read [KJMS67].
Nonexistence [CLW79].
noninvasive [Hei90].
Nonlinear [Bre72, ELMR77, GM63, Hau67, Key63, LC82, Mu17, RP67, BS71b, Bra7a2, Can73, DHMP94, Dur70, Fr01, GM72, GK64, HA00, La00, Let07, Mir61, Peh69, Whi72].
Nonlinearity [ON60].
Nonmetallic [HSM84].
nomlhcic [Vur70].
Nonparabolic [PB69].
nonrigid [RG09].
nonsingular [RW59].
nonsupervised [NT72].
Nonsymmetric [Hau67].
Nonuniform [BKMS80b, Cal81, van88].
nonvacuum [ZS296].
nvolatile [ NFS+17].
Nonzero [Pet77].
Normal
Normalized [Cas70]. normally [EC71]. northeastern [BJW72].

Notes [Ben88, Ben00, Jam89, Swa61].

Numeric [SFT78].

O [CSE66, KLB64, MKP73, WTP64, ZBL+72, ABB+12a, ABB+15, BAB+18, BCC+12a, BPL+89, BH99, Bre72b, Bru78, CDM89, CBB+04, CCD+09, CAC+13, CCC+15, CSH+89, CHJ+18, EB99, GSG+90, GMS05, Gre97, GEO2, GCS+12, HBB+07, HBL+99, HSO4, HSL+05, MRH98, OHK+07, SHR+09, SBC+02, Var89, WMK+07, WYT004, vHv+89]. Obeying [Tof88].

Object [Bran74, SK80, Alf89, MS89, NFI+08].

Object-based [NFI+08]. object-oriented [Alf89]. objectives [And10].

Open [PVDF95]. Observation [Ber76b, BA62, KP63, MHW95, PW68].

Observational [SXY12]. Observations [AAB+10, Jon65, MHS62, She59b, ESS+20, NT72]. Observed [SL66]. obtain [DN97].

Obtaining [Ham78, HRW69]. occupational [BC00]. OCR [CJ83, RH75]. Odd [Hsi70].

Odd-Weight-Column [Hsi70].

Off [HCS80, MW80a, MSW69, DTTK95].

Off-axis [MSW69]. off-chip [DTTK95].

Offering [BDN+02]. Officer [Pea09].

Ohmic [Sch64]. Oil [ET86].

Omega [Cve87b]. On-Board [CC76b]. On-Chip [Kua95, CU98, SP90, BAB+13, DKS+95, ESH95, LFR05, NFS+17]. On-demand [Elg11].

On-Line [BF77, Dah67, GH70, Sve78, TOD78b, BP74, MBC+96, RS94, Re69, WC69, YG81].

On-The-Fly [Pat86].

One [Bog79, BH79, CHS82, Erd88, Gri90, LM80, Pim76, RWC80, She59a, WA15, CIE+03, FRE+08, GM27, MA71, MSN03, SGY+98].

One-And [BH79]. One-Device [RWC80].

One-Dimensional [Bog79, CHS82, Erd88, Pim76, Gan72, MA71, MSN03].

one-megapixel [SGY+98]. One-Step [LM80]. one-terabyte [CIE+03]. One-Way [She59a].

Online [RPI4, SS20, BMR19, Koe18, MOG+19].

Only [FMP61, Has66, J766, MPST66, TK64].

onto [DKA+05]. Ontology [Pon17, FPST14, HH04].

Ontology-driven [Pon17].

Open [AHM+07, BHP17, HTH+09, LD74, SP14, ZST+07, ADG+92b, CBD+09, GHL+04, GDA14, GERS90, LH03, Mat03, RBL+09, van73b]. open-queuing [Mat03].

open-source [LH03]. Open-standard [AHM+07]. Open-Source [LD74].

open/short [GERS90].

Open-Source [SSI+18].

OpenCL [CJ+10].

Opening [KM66]. OpenMP [EO13]. opens [SSI+18].

OpenStack [CJJ+16, ACS16]. Operated
Optimizing

Optic

Optical-Digital

Optical

Optimal

Optimizations

Optimizing
Ano95j, Ano95k, LZZ+16. our [FvGM90].
out-of-order [BMK+05]. outages
[CHMW07, MVI+07]. outlook [GGK+13].
Output [BHWW77, HW81, Sve78, TW62,
BSK+08, HB73, HBL+02, MN70]. ovary
[NBF+00]. Oven [GMT57a, GMT57b].
Overflow [SL76]. overhead
[EO13, Fla91, HS91, SKSP06]. Overlap
[Bra72b]. overlapped [AGZ94b].
overlapping [CN94]. Overlay
[Rot80, BTYW92, CL86, MMWLN99].
Overlying [Lan85]. Overview
[Ame80, BCC+05, Bro80, BKS+08, CAC+95,
GBC+05, GCS+12, IBM08, Mat80, SPP+05,
YS99, BGM90, CdLS92, DBC+05, FBG12,
GR92, Oht95, PMLA88, Pen91, SAB+02,
Sr96, TFJ+96, ZLM97]. Own
[CLP+13b, JKB+13]. Oxidant [LD74].
Oxidation
[DJ70, KEJ87, Pl66, Hes99, MFS+11].
Oxide [BKM80a, Gar86, OG80, RF78,
EB99, GLG+99, KMB+08, Lud00, RG90,
SF93, VWJK11]. Oxides
[Fre70, Hon70, RM70, BPL+89, HBC+99,
HBB99, KIF+89, LBT99]. Oxygen
[HBB+89, MCF82, Sha58a]. oxyxitride
[EB99]. Oyster [KW83].
P [Ber76a, IBM08, MB75, Wei65, Wie76,
Lye77, PK61, BS69, KO67, KLBP64, Wei65].
P-N [BS69, KOG6]. PACE [ET69].
Package [BB82, CHS82, Dav82, HCBA82,
JH80, KMH82, BCK+05, CS84, CBC+18,
KAB+05, KRT98, Pat72, CMS85]. packages
[PGS+98, RBWH93, Rub90, SJMBK08].
Packing
[Att92, Bro80, BHWW63, CBC+05, CHT+13,
HW87, KLC84, KT84, PBC+04, SF81,
STCR84, TBB+09, Wee79, WHK+09,
AKRS04, Ano01c, BHH+15, BBF+05,
CAC+05, DHK00, HPW+02, HDW+07,
KDT18, LFR05, PK88, SAB+02, SBC+12,
TBG+15, VLKW14, WBH+04, YT16].
Packet [Str81]. Packets [MFT77]. Packing
[KM77]. Packs [BT78]. Padé [Ris72]. Page
[CFL73, AHA68, Ano58e, Bar68, Hat72,
Hen68, KGT88, LS73, Bar75].
page-reference [KGT88]. Paged [FLW78].
pages [TBS09]. Paging
[Bar73, BP74, TKG89, Tue76]. Pair
[Cor84, HL83]. palette [KLMV19].
palmitate [VBM71]. Panda [CMP87].
Panel [Ham78, Lan74, LS78, LCH74, PW78,
RBC78, Wre83, Wym57]. Panel-Drilling
[Wre83]. Panels
[AS78, BdM+78, OP+78, O‘H78, RP78].
Paper
[Ast67b, Bay78, BS84b, CD78, Sve78, Lax67].
Papers [Ano57k, Ano57l, Ano57m, Ano57n,
Ano57v, Ano57u, Ano58j, Ano58k, Ano58l,
Ano58m, Ano59f, Ano59g, Ano59h, Ano59i,
Ano60i, Ano60j, Ano60k, Ano60l, Ano61f,
Ano61g, Ano61h, Ano61i, Ano62f, Ano62g,
Ano62h, Ano63f, Ano63g, Ano63h, Ano63i,
Ano64k, Ano64l, Ano64m, Ano64n, Ano65k,
Ano65l, Ano65m, Ano65n, Ano65o, Ano66s,
Ano66t, Ano66u, Ano66v, Ano66w, Ano66x,
Ano67t, Ano67w, Ano67x, Ano67y, Ano67z,
Ano67v, Ano67-27, Ano10c, Bos97, Buc99a,
CP99, Gria92, Han96, Kla97, Kno99, McG92,
Tro00b, Ano86b, Ano92a, Ano92h, Ano101n,
GM60, Mar62, Par98]. Papers [Ano67g].
para [HKvG+11]. para-sexiphenyl
[HKvG+11]. Parabolic [Pl66, Wid67].
paradigm [RCF+08]. Parallel
[ABC+99b, ARG00, CP72, CCC+79, Cha79,
CD85, Cve87a, CTT66, DKN87, DSM+99,
DGL+97, DEH+12, ECD+99, ET86, GPE99,
Kle91, Kog74, Mir69, RGP+97, RKW99,
RHM+99, SSM97, SCC+97, SWC+97, SG99,
SKE+18, VPS88, WMH+97, AGZ94b,
ABG+95, BSM01, BHH03, BCR91,
CBV08, CFK+91, CN94, CIJ+10, CNE+08,
EG00, Fla91, JZ91, MKJM93, PMW06,
RQBW08, Sar91a, SSW91, SNP06, STW+08,
S92, VBC+08, ZEH+08, ABB+91, DP13].
parallelism [AGZ94a, HS91, LDSY91].
parallelizable [SG94b]. parallelization
Polarons [CCE], Polarographic [Hor98].
Polarized [BBC+09].
Policy [Kan74, KKB+09, Pea09, EWBR09, HHC+18, NBM+19].
Polishing [GBC65].

pollution [CXZ+17].
Poly [Bru79a, GOJN77, Hir77].
Polycrystalline [BV78, Cha69].
Polynimide [GS84, DN97, KFSZ92, LCL+98, RKL88b, SRD94].
Polymer [BRB+07, BBT79, GSVE83, Gre68, RSSS82, TO77, EM94, HSH+88, KJS+88, MS89].
Polymeric [BS77, SSTF77, LG88].
Polymers [AGLM85, BMW83, BP84, CSS83, GFHW82, HG83, Kau81, LY83, SC81, Ang01, Bro94, It01, LV94].

Polymorphism [VBM71].
Polynimides [FC63, LR65b, Rog66, Dor62, HA00, Kri82, NQ78, Sur69].
Polyphorus [Meg63b, Meg63a].
Polyimide [DH83, DVM81].
polySi [GNF06].
Polyisilicon [GS80, RWC80, SGC+87, LBT99].
Pool [GSAB93].
Population [Dum63, BSN+12, Can73, Lam77b].
Porphyprin [VM79].
Portability [GW18].
Portable [ZS96].
Portfolios [BK10, VRL10].
Posets [MR76].
Position [KST58, Tin62, Ull65, DDM92].
Positioners [Her65].
Positron [MR76b, Osw74].
Positive [Koz81a, Koz81b, Mur57, SF77, HHSW01].
Positive-Integer [Mur57].
Possible [Kau81].
Possible [Kau81].
Possible [Kau81].
Possible [Kau81].
Possible [Kau81].

Polyactive [BR09b].
Potential [BLR84, CRAG18, CL74, KWB88, MW80a, RVV88, Sak79, TY64, TR77, UC62, DC73b, GC68, GBBM90, Les71, TMM+17].

Potentials [Erd88, BH74, Swa57, ABF+10].

Potentiometer [MD86].
powder [HHB+89].
Power [BDMW81, BAV+09, CNV+15, CFP+07, Fra02, Gau77a, Hor76, MN67a, Mar64c, RP67, Wel61, ZFG+11, Ano01c, BPG+16, BZ06a, BJ+06, BBH+95, BSJ+13, BBH03, BBS+03, CH06, CT06, Cov92, CAC+05, EB91, EBD+95, FGK+07, FDS+13, GAJ+16, HSL+10, JGD+08, KAD+16, KKM02, KBBGP84, HF94, JO96, KMH+98, LR97, NC80, OW00, SLC+97, SBP+03, VMM+94].

Power-constrained [CFP+07, Fra02].
power-on [KKM02].
Power-performance [BBS+03].
Power/Performance [BDMW81, BBH+95].
POWER2 [FAJ+94, AGZ94a, BGAJ94, HFF94, SG94a, WCNSH94, WD94, HF94].
POWER3 [OW00].
POWER4 [BKRF02, BMK+05, LRH+02, TDF+02, WKP+02].
POWER5 [AAB+05, MMS05, MMB+05, SKT+05, VLP+05, Ano05c].
POWER6 [PC07, AAM+07, BSK+08, BAB+07, CFP+07, EWT+07, FGK+07, LSF+07, MBS07, MBB+07, SK+08].
POWER7 [BAB+13, FDS+13, LBB+13, Rit13, ZTC+13, AHHN11, FWR+11, FPB+11, RAG11, SRL+11, SKS+11, WBD+11, ZFG+11].

POWER7-IH [RAG11].
POWER8 [CNV+15, DFF+15, LGW+15, MPP+15, PM15, RES+15, SLA+15, SSN+15, SVE+15, SSD+15, ZDF+15].
POWER9 [ABD+18, CBC+18, FR+18, JML+18, KHK+18, LVT+18, NAN+18, Pat18, SAA+18, SBS+18, SSI+18].

PowerNP [ABB+03].
PowerPC [Wai05, BBH+95, BCJ+96, BEKK00, BBG94, HF94, JO96, KMH+98, LR97, NC80, OW00, SLC+97, SBP+03, VMM+94].


preservation [RCF+08, RCF+08]. Preserving [Irv89]. President [Age04, Age05, Age08, Bal05, Che06, Che08, DR08, Des02, Des04, Don00, Mey03, Nun09, Pea09, Pic18, Pri07, PS09, Pul07, San12, Vun14]. presilicon [KAB+12]. Pressure [BMC86, MNP+69, SAL63, Swe62, SR71]. Pressurized [BW16]. Pretty [Fre04]. PREVAIL [DEG+01]. Preventive [Ada84]. Previous [Ano57j, Ano58g, Ano58h, Ano58i, Ano59e, Ano60f, Ano60g, Ano60h, Ano61e, Ano62d, Ano63e, Ano66g, Ano66h, Ano66i, Ano67h, Ano67i, Ano67j, Ano67k, Ano67l, Ano67m]. Pricing [Low74]. Primary [LMHM96]. Primitives [Woo87, CIJ+10, PAH+18]. Principal [Kan78, SM78]. Principle [Bar80]. Principles [GHK67, Hoh78, Mal13, Wal86, BTP+90, CP91, Gyg08, PMLA88, PP09]. Print [Car77, CEY84, ELZ79, Hen83, Pre66, Sta97, SW90, Zab79, CFW82, KL63, ZH89].

Print-quality [Sta97]. Printed [BDWZ83, BAH82, GHKO57, Has62, Has66, LDL84, Man85, Ser82, STCR84, Wal58, Wym57, ABM88, BBMP92, Cha88, DDMS92, GA88, HM71, Pau89, Whi93, WGC93]. Printed-Circuit [BDWZ83, BAH82, Ser82, Wal58]. printed-circuit-board [ABM88]. Printer [ABB+85, AEE77, BS84a, BHR77, BCD+85, Bro78, BHWW77, CD78, Car77, FBW77, FLR77, GT87, MR79, NK81, Sve78, Twm77, Zab79, Wv78, Ws72, ZH89]. Printers [BS84b, CEY84, Hel79, ZL87, Sta97].

Printing
[BS84a, BS78, BBT83, BD96, CS85, DLK84, EHMW81, FLS78, LMT84, MTS84, MBB+01, Mil84, MT84, PC85, Pre66, Twa85, Zab77, BLDM97, BGK+82, CP91, CAS+91, CAS91, Mas97, Pen91, ZL97]. Printwheel [May85]. priorities [BBMR19].


Problem-Solving [ADST78a, GR58, ADST78b, WYF+03]. Problems [Bill70, Cha79, HWC75, HE10, Key65, Key70, Kog74, LC80, MD65, RS59a, RS67, Tuc60a, dG58, BS71b, CP72, CHG04, Don69, Gre59, GCFW07, GS72b, Ism00, Key71, Lei61, Mas97, PZGL91, RS66]. Procedural [Gro76, Lom76]. Procedure [MS75, Har71, Her72, Lom77]. Procedures [Ada80, GS74, HP66, HKM+86, Kin61, MP88a]. Process [Agn02, Ame80, BHV85, BJMO80, CH82, Dah67, DS65, Fan61, GS82a, GKK+80, GS82b, HCS80, KS79, KGCS85, Law02, Mar60a, Mey90, Mey00a, OHM+85, SSL73, SRH+18, Twa85, Was77, ABM88, Cal70, CPTW98, CGN72, CKE+10, DN97, HHSW01, KKM02, KRT98, Lan61, Lan00a, LV94, Mah93, SBG+71, SKC+10, Sta76, Sta00, Stu70, VW78, Van97, WSE+16]. process-characterization [CPTW98]. processed [LCL+98]. Processes [Die62, FL59, Hat88, Meg62, Mid62, Mid70a, NB61a, NB61b, Red57, STCR84, Wes90, AHW+99, Bea90, CNC+95, FSTG+73, Hei80, LB07, LCHL95, MD12b, OS99, RWM+05, Ros00, SPP72, See93, WT91, vS98].

Processing [ABC+85, ABB+91, And65, Ber76b, BKU88, BHWW77, Bur75, BHD76, CCP85, Dav77, DB76, DMP59, FLDC86, FGM+83, GBK+19, HF78, HAG+13, Kin61, Klee91, Kuo09, MW80a, May81, Moh70, Mur57, PSH80, Shi85, Ts57, WSW83, Wool87, AKB+17, ARG00, ARS+17, BK75, BBH82, CGLL93, CGS61, EB99, Fon99, FNY+10, GON+06, GLM+96, Ham99, KVP+20, Kuo92, KOT99, Luc99, Mar98, MIL+18, MP82, MKJM93, NAB+15, PB89, RB92, SPR+95, Sto91, CMP87].

Processing-in-memory [GBK+19, NAB+15]. Processor [All81, Ber85, Coo82, DR82, Fre67, GCPV85, GS82b, LS76a, MSB+04, NHH91, PPS82, Ser82, SBSJ15, TS82, Tsu80, UKM+85, ABB+03, ABD+18, AEH+04, BGM90, BHH+15, BSK+08, BCF+07, BDHH+09, BAB+13, BEKK00, BKRFO2, CJ83, CNSS12, DTH92, ESA02, Emm97, FAD+07, FNY+10, FXB+10, FAJ+94, GRRW91, GH69, GMS+12, Gro90, Haj91, HDW+07, HF04, HLS+05, JZ91, KBG+09, LGW+15, LVT+18, LBB+13, Lip92b, LJN+07, MWS09, Mar90, MDR+07, MME+97, MZS+03, OGG00, PBBL07, RB90, RWW07, RG09, SKK+08, Sar91b, SCS+02, SKC09, SHL07, SKS+11, SVE+15, Sta90, SSD+15, SRH+18, SBC+12, TSC91, WMB+15, War90, WBD+11, WBH+04, ZDB+18, RSN82]. processor-based
Pseudo-Noise [Ano66j, Bla65, CCM65, VSF65].

Pseudorandom [RB90, RT99, AEG+02].
pseudorandom-number [AEG+02].

Pseudoternary [Cro70].

PSG [KH75].

PSI [Bar75, FLKA84].

psychiatry [PCW+17].

psychology [KLMV19].

Pt [DVM81, Dem78, HBR85, HBR86].

Public [Kov06, AWK20, BCC+16].

publications [Ano90c, Ano92e, Ano92f, Ano92g, Ano93e, Ano94j, Ano94k, Ano94l, Ano94r, Ano94s, Ano94m, Ano94n, Ano94o, Ano94p, Ano94q, Ano95i, Ano95j, Ano95k, Ano95l, Ano96b, Ano96c, Ano96d, Ano96e, Ano96f, Ano96g, Ano97i, Ano97l, Ano97n, Ano97g, Ano98g, Ano98h, Ano98i, Ano98j, Ano98k, Ano99f, Ano99g, Ano99h, Ano00i, Ano00f, Ano00g, Ano00h, Ano01i, Ano01j, Ano01l, Ano01m, Ano01n, Ano01k].

publish [SCW10].

publish/subscribe [SCW10].

Published [Ano57k, Ano57l, Ano57m, Ano57n, Ano58j, Ano58k, Ano58l, Ano58m, Ano59f, Ano59g, Ano59h, Ano59i, Ano60f, Ano60g, Ano60i, Ano60j, Ano60k, Ano60l, Ano61f, Ano61g, Ano61h, Ano61i, Ano62f, Ano62g, Ano62h, Ano63f, Ano63g, Ano63h, Ano63i, Ano63j, Ano64f, Ano64g, Ano64h, Ano64i, Ano64j, Ano64k, Ano64l, Ano64m, Ano65g, Ano65h, Ano65i, Ano65j, Ano65k, Ano65l, Ano65m, Ano65n, Ano65o, Ano65p, Ano65q, Ano65r, Ano65s, Ano65t, Ano65u, Ano65v, Ano66w, Ano66x, Ano67w, Ano67x, Ano67y, Ano67z, Ano68g, Ano68h, Ano68i, Ano68j, Ano68k, Ano68l, Ano68m, Ano68n, Ano68o, Ano68p, Ano68q, Ano68r, Ano68s, Ano68t, Ano68u, Ano68v, Ano68w, Ano68x, Ano68y, Ano68z, Ano69a, Ano69b, Ano69c, Ano69d, Ano69e, Ano69f, Ano69g, Ano69h, Ano69i, Ano69j, Ano69k, Ano69l, Ano69m, Ano69n, Ano69o, Ano69p, Ano69q, Ano69r, Ano69s, Ano69t, Ano69u, Ano69v, Ano69w, Ano69x, Ano69y, Ano69z].

Pulse [Dod63, Gar64, LS64, PL83, SFH65, Sko58, GFS71, Shi73].

Pulse-Slimming [Dod63].

Pulsed [CCM65, Key70].

Pulses [Hem74].

pump [BR09b].

pump-scheduling [BR09b].

Pumped [SCHL66, HA71, SLHM67].

purchasing [YGR14].

Pure [MN67a, Sho04].

Pure-Tone [MN67a].

Purpose [Tay81, ATL+88, DAUS91, Gra69, LSH84].

pursuit [LQRS04].

Pyrolytic [Kle64].

Pythagorean [Dub83, FS90, MM83].

Q [BCK13, ABB+13, BSJ+13, CCD+13, CP13, CKL+13, CHT+13, EO13, EWS+13, MP88a, MP88b, OWG+13, PMLA88, PM88, RIB+13, SCG+13, IBM13a, IBM13c].

Q-Coder [MP88a, MP88b, PM88, PMLA88].

Qbox [Gyg08].

QCD [BCK13].

QCDDOC [BCC+05].

QR [EG00].

QS22 [VLB+09].

QAR [PPG+01].

quadratic [Ger73].

quadrature [MR72].

quadratures [MY65].

quadratics [O'C89].

Quality [Cle83, CEY84, MJS70, MCH+82, BTWY92, CT06, CPC18, ESM16, HBC+99, OEN+16, SHC+72, Sta97].

quantification [Gil60, MWEJ05, Mon82b].

Quantifying [NQ20, QGT13].

Quantitative [BWK20, KM74, BNN+09, MS07, PWFB91].

Quantities [El74, Agi74].

Quantization [GS70, LBT99].

Quantum [Azb88, CGR88, FS88, Gar88, Gia66, GMW80, Heb64, HH04, HMK01, SB04, Whe88, WS64, WA79, ALH95, BM74, CRAG18, Gou89, Joz04, Pri66, Sho04, Snc04, VBC+08].

Quarter [HCTS81, JS81, HBP+81].

quartz [KM93, Rat68].

Quasi [BEH+89, EHJ+89, SBG+71].

Quasi-elastic [BEH+89, EHJ+89].

Quasi-steady-state [SBG+71].

Quasidynamic [Cha62].

Quasimaximum [Cha62].

quasiperiodic [HM89].

qubits [Woo04].

Queens [SS87b].

Quenched [LF64].

Query [ADST78a, SFT78, ADST78b, BYY98, NMTP14].

querying [EWBR09].

Question [LPM+12, Pla76, BCD+17, KP+12, TOK18].

Question-Answering [Pla76, BCD+17].

Quickly [BD96].

Qx [SM98].

Qx-coder [SM98].

R [HRZW87].

R-fields [HRZW87].

Radar [van77, MMJ69].

Radially [BBT83, PH81].
Radiant [NGMW57]. Radiant-Energy [NGMW57]. Radiative [HC78]. radical [MD12b]. Radii [Hut74].
Radio [CCM65, SH57a, CS03]. Radio-Interference [SH57a]. Radioactive [VGC79]. Radioisotopes [Spr61].
Radiotracer [BC60c]. RAID [HDBR08]. railroad [VJA07]. railroads [RC09]. raindrop [AKKJ72].
raise [YCJ 17]. RAM [NHKI03]. Raman [RSSS82]. RAMs [FT80]. Random [DG84, EL83, Erd88, Her65, LH57, LST80, ND57, Pet57, SM71, WT77, CTT91, Don74, DMR+81, FR01, LBB+13, MDB+02, ND00, RBB+08, WLEF89, LH00, ND00].
Random-Access [LH57, ND57, Pet57, CTT91, FR01, MDB+02, ND00, LH00].
Raster [MLGD84]. Rate [KS79, KO65b, GRH+08, Gra71, Irv91, MRG99, RHC73, Sr96, TLM83, WRG99, ZMM+96]. rates [Dat93, MH101]. Rating [SR19, VTC09].
ratio [Thi88]. rational [Tuc68]. Rationale [BJW72, MS05]. Ratios [Che72, Gec74, SS76]. Raw [Kin61, GAB+08]. Ray [COC61, HMR82, Hua79, War93, BM93, CNH73, Col69b, HS71, KWT+11, ORT+96, RF78, Seg68, Sp93, Sr96, SN98, Tan96, WNB91, Zie98, Arc93, GHP+93, GC93, JS00, LL93, SF93, See93, SMVK90, SRO93, SS93, SA00, WSK+93, Wib93]. ray-tracing [WNBP91]. Rayleigh [Pol79]. Rays [ZS96, Zie96]. Re [MJS70, Kri82]. Re-Emission [MJS70]. re-order [Kri82]. reach [CPvR00]. Reaction [Pan78, MMV+01]. Reactions [BLR84, HBR85, LN79, HBR86, SLZL18]. Reactive [AS78, Kne92, JL90, RK18].
reactivities [MMV+01]. Read [Cll90, FMP61, Has66, JT66, KJMS67, MPST66, Sie63, TK64, ILH03, TFL+98].
Read-back [sic63]. Read-Only [Has66, TK64]. read/write [ILH03]. Readability [DRSM15]. Readback [TT75].
Reader [CK63, AAH68, Bar68, Hen68]. Reading [Ost84, Wal58]. Reading/Writing [Ost84]. Readout [ABPS66, Bro72]. reads [LP+12]. Real [Bev69, BFRT13, DR82, HLS81, Her75, Jam81, LPMGD14, OO81, PSD+17, Soh76, SBB+12, ASR07, BISN+12, CMG+15, EGH+86, HKA+13, KZP03, KCH+09, NMH+07, ODL+09, Osb93]. Real-Time [DR82, HLS81, Her75, Jam81, OO81, Soh76, Bev69, BFRT13, LPMGD14, PSD+17, SBB+12, ASR07, BISN+12, CMG+15, EGH+86, HKA+13, KZP03, KCH+09, NMH+07, ODL+09, Osb93]. realization [Bei92, Gil60]. realm [OYHSB14]. reasoning [Di88, MDH+12, NS92].
Reassembly [Str81]. Receiver [KT73, VSF65, RFB+03]. Receiving [Raa76]. Recently [Ano62f, Ano62g, Ano62h, Ano63f, Ano63g, Ano63h, Ano63i, Ano66s, Ano66u, Ano66v, Ano66w, Ano66x, Ano67n, Ano67o, Ano67p, Ano67q, Ano67r, Ano67s, Ano67w, Ano67x, Ano67y, Ano67z, Ano67v, Ano67-27, Ano94c, Ano94d, Ano94e, Ano94f, Ano94g, Ano95d, Ano95e, Ano95f].
Recessed [OG80]. receive [DL02].
Recirculating [Sch63]. Recognition [AAH68, Bon62, DFM+88, Dav58, Di60, GHKO57, KT66, Kur87, MD65, Mer88,
Reconfigurable WZ17. Reconfigurable [HRZ14]. Recommendations [WZ17].

referee [VVHL16]. Reconfigurable [Eln84, KZP03, MN97, VRA+09].

Reconfigurable [CHY92].

Reconstruction [PL81, Sta67, LHJ69]. recorded [BD74]. Recording [Blu79a, CM74, FK62, Gre79, Hoa58, Hoa61, Ku63, KC66b, Lor70, Pat75, Pol78, Sch85, Sea58, Sie63, SM66, SW74, TT75, Tan74, ABR71, AR98, ABB+08, BP88, BE03, CBH+05, Hoa00, How89, Hsi99, KT70, Kob71, NDM+04, SHS90, SHS90, TFL+98]. recordings [WSC87].

Rectangular [Coo82, MS60b, PH74, WWMS79, Jon72].

Rectification [MG62]. Recurrence [Kog74]. recurrent [SP17]. Recursion [Gus97, EG00, GJ00]. Recursive [Goz94, Her72, HWC75, Pis74, Ris72, Str68].

redistribution [TKK+92]. Redox [FLB+19]. reduce [CFS+19]. Reduced [BBH+95, Kri82]. Reducing [CHMW07, WF87, GB93].

Reduction [ADH70, AdH00b, Bla63, CM80, DG84, DGB78, FC79, GT80, Kob70, She59a, TLR85, Vlb82, BZ06a, Bev69, FDS+13, GBW+17, Gre59, Hei80, LL99, TV69].

Redundancy [BR82, Fle58, LV62, Skl76, SM60, BBI94, Gla97, Iv98, Iv01].

Redundant [FT80, HBB+07, MLMP+12, MWW+07].

Reed [BP75, Bla84a, Bla84b].

Reengineering [GE02, GW18]. reentry [MJ69].

Reference [Eas75, Eas78, VDG19, KGT88].

References [FGS75, Lom75, BGW91]. refill [SLYR72].

Reflectance [PFS+70]. reflection [HS71, MS89, Rab69, vHv+89]. Reflections [Go87, MII+69]. Reflective [SW98, CU98, RDD+98, SGY+98, SST+98, SS00, YL98]. Reflectivity [Heb64, PW68]. Reflector [NGM57].

Refractive [PL81, PC64, WL73, BGO03]. regarding [Tu90]. Regenerative [HS85, LS75a, LS75b, SS82, LS77].

Regime [Gef88, BFG+06, SWC+95]. Region [MWN63, Sha58a, Bra72b, Les71]. Regional [Lew83].

Register [Bea74, CT76, BMK+05, GUs66a, GUs66b].

register-renaming [BMK+05].

Registering [RWC80]. Registration [DMW77, Dav89, Pri94, RG09].

Regression [Lew84a]. Regular [An001n].

Regulation [BDM81, DFR86].

regulations [CN09]. Regulatory [Pea09].

reinforcement [NBM+19]. Reinventing [JWZ+09, ODA+08]. Related [RP67, SARG80, Sni77, WB70, FL89, Grr99, JS00, Kei98, KFSZ92, MNS69, SNM69, VMA018, WL73]. Relation [Ben59, MJS70, Mic78, WKF+12].

Relational [ADST87a, BDH83, Hal76, LN79, ADST87b, Fag77, vWv86a]. Relations [Las63, RP66, EM65, Lew75].

Relationships [CA84].

relations [CG84, CCB01, MDJ08]. Relative [van88].

Relaxation [Mas62, NB61a, NB61b, Red57, JZ91, TWR89].

Relay [GW57a, GW57b, Mjo60, Koc59].

Relaying [Hor76]. release [DN97, TWM+14].

releases [MVI+07]. Reliability [GW58, FCS+04, Fle58, FLS9, FGH+96, HBB99, HCTS81, LV62, NL69, Ohb84, OG80, Sta02, ABC+99a, Buc99b, CGL893, CAF+15, Ibe03, LHS4, Luc99, MSSM07, MCH+82, WBS+18, YCB05]. reliable [ACD+15, CDC96].

reductance [OCR+98]. remanent [BD74].

Remarks [FL67, Sta67]. Remote
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satellite-derived [ESS+20]. satisfying [RMM03]. Saturation [SM66, TT75]. Sb [BS64, LMPP69]. SBC [CGLL93, Cor93, GLCW93, Mah93, RB93]. scalability [AAB+10, BZ06a, WYTO04]. Scalable [AHK+18, EFR+05, HIJW+16, KHZ+08, SJW+16, SXW+13, SBB+09, WPL+12, ACFS16, CGM+15b, Gyg08, Has98, HSS+10, KMM+16, NMH+07, RBB+08, VBE94].

Scalar [ACG+86, ACG+87, Gsc16]. Scale [BSS82, BBH+67, CD85, CP77, Mic78, Mon82a, ODA+08, TLR85, AG06, APOI92, BKF+16, DLJ+08, Duk93, Dür94, EMM+18, ETW008, FGG+13, GGK+13, HdtR06, HBT+16, KJS09, LSW13, NMV+09, RBB+02, RBB+11, SCC+15, Sof13, TSH92, VNT16, ZSY+13, CAS+91].

Scaled-Up [Lev77]. scales [HE10]. Scaling [ABB+08, Bue99b, DT08, FRE+08, Agn02, AAC+06, CFW82, Fra02, HND+06, MDB+02, Nov02, SWC+95, TMF+95, Tau92, WNV+02, Ano006b].

scan [BTP+90, CNS12]. scan-initialization [CNS12]. Scanlaser [MP67]. Scanned [McA83]. Scanner [Bra80, Cla79, DSW82, Kan78]. Scanning [AMGC86, APS86, Ano86c, BMC86, BR00, CW86, DHTW86, DV74, DPR86, FF86, Fin86, Gar86, GH86, Gom86, HBR85, KJ86, KWB88, MKH+11, Pet80, Poh86, SW86, WKB+86, vv86b, All00, BHR72, BNT86, DAB+97, Dür94, Far82, HBR86, KKT+95, Poh95, Sto91].

Scatterers [Lan88, Lan57, Lan96, Lan00b]. Scattering [Day69, FT64, Hn59, Kra81, Pen79, Poh79, RSS82, Spe69, Tie61, BEH+89, CJ85a, Cop00a, EHK+89, Haa70, JS00]. scenario [NML+20]. scenarios [LPA+15].

SCEPTRE [Sed67]. scheduled [MVI+07]. Schedules [FL75, LF77]. Scheduling [AS74, FL76, GAC85, Her75, LS76a, Nor58, Tak87, Wit85, WC75, BCE+07, Bla94, BR09b, CSW73, FW83, FN95, GR90, HS91, LMHM96, VJA07, War90]. Schema [CA84].

Schemes [Gra80, Hop59, Lom75, Pat80, PRY65, RS79, AC84, BSSZ76, BM04, ESA02, Mir72, TMS+01, Vor71].

Science [CCD+13, Che06, Che08, DHTW86, Gom87, Goo58, Hor93, KN81, Lip92a, Mit94, ODK+99, PMS+17, RB92, Sor79, Sor90].

science-1960 [Per79].

Shape [Kov06].

Shape-Barrier [Kov06, Mid70a, Wolf70].

Schweitzer [Sit87].

Scientific [Ano58f, Ast58, CD85, GSS87, dG58, ABB+13, Dun57a, EWS+13, KFH+06, KSA+04, SPP+05].

scientists [GR92]. Scintillation [Spr63].

SCISM [VBE94].

Scorecards [HS14]. scoring [HE10, WKF+12]. scrambler [BBI+94].

screening [YCB05].

script [Tap82]. SCSI [BBF+04].

Scylla [HHH04].

SDH/SONET [Clad03]. SDRAM [VLT+12].

Se [FA70, Vul70, Kus70].

Seamless [MBK+15]. seamlessly [AAM+07].

Search [CCFB+12, GSS74, SSS75, CBK+98, CHG04, DMP+17, GYK99, Rai69, ST17, SS86, WML+16].

searching [Luh57].

SEC [Hsi70].

SEC-DED [Hsi70].

Second [Bog79, SM62, Tri58, HPW+02, WBH+04]. second-level [HPW+02, WBH+04].

Second-Order [SM62, Tri58]. secondary [CHL+11, DP68, Irov01, Spo94]. Section [Ano67u, Car81, MMJ69].

sectional [TT98]. sections [HAMC+04, Les71].

Sector [Kov06]. Secure [BBGE+14, BBK+16, ACD+15, BHH19, KKT09, KMM+16, RBL+18]. secured [HSS+10]. securely [BC18].

Segmentation [HM71, BSRG17, Dan82]. Segments [Lew83]. Seismic [Gaz78, GRSW86]. selected [DP13, How89].

Selection [BHR77, HIM66, Sea58, TLR85, Sar97, WML+16]. Selective [GBBM90, RS79, GSAP17].

Self-Test [Vor71]. Self-isolation [Tag09]. Self-service [SSL73].

Self-Registering [TH64]. Self-Registering [TDM87]. Self-Retaining [HSL+10].

Self-Aligned [TDM87]. Self-Adapting [DBC+18]. semilinear

self-approximate-optimal [HSL+10]. Self-Clocking [HO75b, Sea57].

Self-Directional [GRT74]. self-focusing [Shi73]. Self-Improving [FE75].

self-isolation [Vor71]. Self-Magnetic [TH64]. Self-Registering [RWC80].

self-service [Tag09]. Self-Synthesized [Whe88]. Self-Test [ELS3, HML90, KSR90, RB90, Sar91b].

Self-testing [OCB+90]. Self-timed [HBL+99, HBL+02]. seller [Sav69].

Semantic [SW86, Al89, SCC+15, WN92]. Semantics [FLDC86, Luc81, AR87, SS87a].

SEMD [ZHP+18]. Semi [OG80].

Semi-Recessed [OG80]. Semiconductor [Pea69]. Semiconducting [Swa57].

Semiconductor [Aic84, Att92, BHV85, BKP82, BCGS81, CDD82, CH84, FLCB85, FF86, HMO81, HMO81, Han57, Har81, HCBASA2, Hoh78, Hor62, KH88, KMKY82, LB85, Mar4b, PHT9, RTL69, RHM63, RWL81, Yu61, As07, AHW+99, BNT86, BRB+07, BCGS00, CNS+99, KMD8, LLF99, LLF+92, LRMT95, LD72, Mar79, MCH+82, ORT+96, Pri73, Ros99, Tan96, TMF+08, Tib93, TWF90, Vin81, Vur70, WL73].

Semiconductor-related [WL73].

Semiconductors [Adl70, Bar69, CFG64, ET70, Fri69, Gun64, Gun69, HM60, KN81, Leh64, Met70, Pri88, SH69, THV70, WH70, Zar75, Ano70b, BZo6b, Kit89, Koh98, Lew73, TWR89].

Semiempirical [ZHP+18]. semilinear

Semimetals [CFG64, MM64].

Semipermanent [FMP61]. SEMM [MS96, Tan08]. SEMM-2 [Tan08]. Senior [Don00, Pic18, San12]. Sense [Gra80].

Sensed [HF78, Pri94]. Senses [Bla88].

Sensing [Dav79, THL85, RBB+11, SKC+10]. sensitive [BCC+16, MC87, VNT16].

Sensitivities [Sta83]. Sensitivity [Bud67, GOJN77, Ho75a, VCP80, JC00, PTRC16, Sch71]. Sensitometry [SSL73].

Sensor [Ber76b, Snu413, Vin81, WP11, RBB+11].


SEQUEL [CAE+76]. Sequence [Ess86, Fra70, Bir01, FRPG01, Goz94, Mas97].

Sequence-State [Fra70]. Sequences [BBD63, Mili83, LS73, Ris72]. Sequential [But88a, Cha75b, Eic65, Jel69, LS77, WT77].

Serial [KSW74, Zab79, EG00, ESW+80].

Senses [But88a, LS67b, BFR13, OOL+12, Yet89].

Server [CP99, Cha75b, Cho75, DSM+99].

Server-class [VLT+12]. Servers [RGP+97, AAM+07, BBK+16, BEKK00, FKK+03, KPT+02, KEL+00, Moo72, NMH+07, PGS+98, ABC+99b].

Service [Ada84, DJL+16, RBL+18, SBD+10, Tag09, ABD+16, BNN+09, BNSG09, BGK62].
EBH+16, HRF+17, HRS07, Irv91, JQB+09, KJS09, KL97, KSB07, LRV+09, MBT19, MWL+14, SS82, SIK3L16, VWE02, VMS+14, BBD+17. Serviceability [CMPR64, HCTS81, CAK+15, FCS+04]. Services [BR17, GRB+16, Hau96, Pul07, Tag09, Tak87, WC75, AAC+05, ABH+19, BB09, DMG+17, Elg11, GLM+96, HSS+10, ISV16, KFH+06, KMM+16, KAA+18, LRV+09, RP14, RWB+10, RDL19, ST17, TKON18, VSS+09, VRA+09, WAB+09, Yar12, CJJ*16, ODA+08, UDP+12]. Servo [CD78, Hoa61, Hoa00, Ono93]. Servo-Access [Hoa61, Hoa00]. Set [Bry75, CCM65, Gha75a, Ser82, VBE94, Mic72]. Sets [Eas86, DH03]. Several [BMS80, Cas60]. severe [TPC+13].

sexiphenyl [HKV+11]. Shallow [FPS66, PF66, TDM+87, Tit63]. Shannon [Koc59]. Shape [WTS+11, GSA17]. shape-selective [GSA17], shaped [AG72]. shapers [BH95], shapes [Oht95]. Shaping [EKR87]. Shared [Cve87a, GHW70, GA84, MBJ+97, SSL73, Ano71, AUW+09, Lat73, Rei69].

Shared-cache [MBJ+97]. Shared-Memory [Cve87a]. Sharing [Bar73, Chi60a, Con58, Con60, Mar59, SAB+07, Cre81, FN95, FL95, Gra71]. Shark [Has98]. Shear [CS65a], Sheaths [Pen79].

Sheet [Fie65], Shells [BGT74], shelves [MRH+15], Shenzhen [CXZ+17].

Shewhart [Yas85], Shielded [CPL+74]. Shielding [Spr63, Yan71]. Shift [BTW62, CT76, Fuji92, GUS76a, GUS76b]. Shift-Register [CT76, GUS76a, GUS76b].

Shifts [SAL63, TY64, ZZ69]. Shock [BS69, Lan60, FSG+73, PL73]. shocks [MM75b]. shooting [CP72], shop [RP14], Short [DY89, GAC85, Jam89, SL67, GWRS90, Shi73, SSB+12].

Short-coherence-length [DY89]. Short-Term [GAC85, SSB+12]. Shortcut [HT69]. shortest [HW72, HT69].

Shubnikov [Bro66]. Shutter [COC61]. Shuttle [Skl76]. Si [GDR70, CFH64, Jon65, KGS0, KEJ87, KACS95, LFC95, Meyer, Mey00a, Pan78, Pes71, PRY65, RF78, SSF11, Tu90, WTS+11]. Si-Fe [Pse71].

Si-Rich [KEJ87]. Si-SiO [KG80]. Si/SiGe [LFC95]. SIC [SHTP11]. Side [Sha58b, MY65]. Sideband [CDH64]. SiGe [DAC+03, FMP+03, NDS+03, JGD+08, LFC95]. Sigma [OB99]. Signal [Ber85, Coo82, DR82, GCPVG85, HWS7, JHS0, PSH80, Shi85, TT75, Tsu80, UM3+95, Bra68, Cha88, DKR+90, Mey90, MP2, MZS+03, PAZ72, SPR+95, VWP90].

signal-processing [SPR+95]. Signals [Cha67, KLS66, Mul67, VSF65, Boh73, CN71, He90]. Signature [HL77, Lew80, Lew83, DWW90].

significance [TR77]. Significant [OO81].

Silicide [KEJ87, TDM+87, Tu90]. Silicides [MCAW95]. Silicon [Aho06b, CSY79, CK79, CGN72, DO74, DJ70, DA77, FT64, FFH64, GK60, GBC65, HND+06, IJV19, JD66, JD67, Ker64, LL83, LHS64, LD74, Lipsa, Mass90, Meyer, Moh70, Pet97, Pet80, Pl66, PK61, Ru64, SW98, ST+98, SCYK78, SdB64, TY64, WK60, YS64, ATW+08, BBS82, CG71, DFF+15, EB99, SMS+92, GI88, GOVC71, GG80, GLG+99, HCH90, He90, Hes98, HST06, IFB+11, JGD+08, KMK68, KAB+05, KAD+08, KOT99, Lar80, MFP71, MPCR82, Ngu99, OR92, OSG99, PW68, PSS+07, PM72, SAT+08, SRH+18, Tu90, WNV+02]. silicon-based [Ngo99].

silicon-carrier [ATW+08]. Silicon-Dioxide [Moh70].

silicon-dioxide-based [WNV+02].

silicon-gate [BBH82], silicon-on-insulator [IFB+11, SRH+18]. silicon-silicide [Tu90].

Silver [GC63, MF5+11, WTS+11]. SimAPI [HKL97]. SIMD [CBB+05, SKP+15].

Similar [Hau67]. similarity [FRPG01].

Simple [Dod63, GMA57a, GMT57b, Knu90].
OG87, Emm97, Fre04, JL90). Simplex
[Dan60, Tom72]. simplification
[MD12b, MBB+18]. Simulate [NM65].
Simulated [CCP55, DKN87]. simulating
[Oht95, OIM+13]. Simulation
[ADG92a, BBH84, BF90, CD78, DS65,
EHPP67, GHP+85, GHKO57, GC81, HS85,
HW81, Hu90, IS83a, IS83b, KGCS85, Kra81,
KP80, LL83, LB85, LS75a, LS75b, LCH74,
MJ84, MME+97, Par66, ST87, St97,
TGL+12, VSF65, AKR04, ABM+01, BH11,
BGL07, CH06, Dan66, DT08, DLJ+08,
Duk93, EWBR09, ETWO08, GZE+05,
HKLM97, Ham99, Hei80, JZ91, KL97,
+ BGL07, CH06, Dan66, DT08, DLJ+08,
Duk93, EWBR09, ETWO08, GZE+05,
HKLM97, Ham99, Hei80, JZ91, KL97,
KMM02, KKB+03, HKLM97, Ham99, Hei80,
JZ91, KL97, KMM02, KKB+03, KWH+12,
KLE71, LS77, NDM+04, PBC+06, PZGL91,
SMP+04, SS82, Sta89a, SVB+04, TMF+08,
Tib93, Van97, VMG99].
Simulation/evaluation [MME+97].
Simulations [Cle81, EKS+04, BS91, CA01,
DKA+05, ESHM95, FRE+08, HtTR06,
PS90, ZEH+08, ZHI+18]. Simulator
[BHV85, ST75, BJ72, vB98+02, LH84,
SBP+03, TAE+07, CR84]. Simultaneous
[An905c, Bre72, Sau81, ABB+15, Bra72a,
LPPT86, MMM+05]. Single
[BBR82, Boy60, BS64, Cam57, Dav77, Fre62,
GRH+08, GMW80, Hal76, HCS80, LMS85,
LS64, Lik88, Mar60a, Mee67, MR99,
RCB78, RWC80, Wor06, BHS9, CMD89,
Cl83, CH82, DTH92, HMM82, MRH89,
Tan08, WGS04]. Single-Chip
[BBR82, Cla03, DTH92]. Single-Crystal
[Boy60, Fre62, Mee67, HB89]. Single-Cycle
[RBC78]. Single-domain [Wor06].
Single-event-effect [Tan08].
Single-event-upset [GRH+08].
Single-Flux-Quantum [GMW80].
single-grain [CMD89]. Single-pass
[MRG99]. Single-Step
[HS80, CH82, HMM82]. Single-Stylus
[LMS85]. singly [Rat68]. Singular
[FBHJ04, Rob67]. Sinusoidal [BF63]. SIO
[CFH64, CL64, DYHS78, KG80, KLB86,
MJS70, MU77, OG80, RF78, SJ70, SARG80,
YDH+78]. SiON [BGO03]. SIP [WW+10].
site [RBB+02]. sites [Fre72]. situ [Ahn66,
DR93. MFS+11, OL+09, Ros00, Sek93].
Situational [BPG+16]. Six [CIE+03]. Size
[FK60, Mer88, Seg62, Smi60, War63,
AKKJ72, ALH95, Bou97, DDMS92, FS82,
Hat72, Lam77b, Pes71, Yas07]. size-biased
[Yas07]. Sizes [Bry75]. Skin
[BSRG17, WWMS79]. sky [SJZ+15].
Skylab [CI76]. Slabs [CS65b, Mee67].
SLAN [BHP83]. SLAN-4 [BHP83].
SLDNF [ChTG92]. Slider [SM63, TT74,
BCT89, BHH05, Dec90, Gro59, Mic59].
Slimming [Dob63]. slip [EC71]. slow
[Gri71]. Slowdown [CW77]. SLT
[BA69, TS69]. Small [ABPS66, Bra68,
FWW88, Gae79, Gef88, HLS81, Len58,
Lew83, LBH+75, Sta89e, VRL10, BS71a,
CCJH81, DRK12, Har71, Lew73].
small-amplitude [BS17a]. Small-area
[Sta89c]. Small-Computer [Len58].
Small-signal [Bra68]. smart
[Elg11, HSL+10, RWP16, TYSS19].
Smarter [ABD+14, CNP+15, DLN14,
HPW11, Pal14, RS14, WP11, BDMN14,
DHG+14, GMR10, GDL84, HMP+11,
JW+11, SFH+16, SKC+10, YMR14,
ZBG+10, HE1+10, Jen10, MWC10, MI10].
Smectic [CJ87a]. SmoLCS [AR87]. SMS
[WZC+10]. SMT [An05c, MM+05]. SN
[SG77, HHA93, Hor98]. Sn-Pb
[HHA93, Hor98]. SNA [FP83]. SNC
[JSS13]. SnTe [CSE66, MDJ+70].
SnTe-MnTe [MDJ+70]. SOA [CFH+09].
SoC [DL02]. Social [BEJ+14, DL19,
BDMN14, DHG+14, EEM15, KSSC+13,
MDM10, RVT+13, SX+13, YCJ+17].
sockets [BEE+02, CRM02, NMF10].
sockets-based [BEE+02]. SoCs [PZK+03].
Soft [BS+08, MS96, SKK+08, ZS96, BH80,
Del08, KCO80, ORT+96, RBK+08, Srr96,
Tan96, ZMM+96, ZCM+96, van89, MBB+01].
Soft-error
Spectrometry [SFD77, Spo94].
spectromicroscopy [CHL+11].
spectrophotometric [Gra69].
spectroscopies [FNR89]. Spectroscopy
[CW78, Gar86, GFHW82, KJ86, RF78, Thv70, ARM+91, Hum71, JKG69, SKB+11, SF93, Sek93, SN98]. Spectrum
[Wel61, Yet89]. speculative [OWG+13].

Squarylium [Cio86, Goz94].
SQL [PDLM67, SJ70, KM00].

Sputtering [CW78, MSG72, Ros99, JL90].
Sputter-deposition [CW78, BHWZ63, CD78, Car60, CEY84, Dav82, DB76, Gre79, Har63, Hop59, KJMS67, LV67, Lew83, MM75a, MPST66, Pre67, Wei79, Woc75, ZL87, BJM+96, BCF+07, BKG+82, CML+19, D KR+90, FXB+10, FMP+03, HVK+90, HDW+97, Ism00, KB06, Lin81, MKW+95, MPH90, Nob95b, Tho70, Ung72, VW87, Wie90, ZG71]. Speed
[TW74]. Spell [FZ88]. Sphere
[NM65, Sat63, Dav69]. spike [TYM+14].
Spin [All00, Bro62, Haa70, Hor57, Mas62, Sun06, Was77, BZ06b, JWS06, Kal89, Nes98, TFL+98]. spin-dependent [Nas98].
Spin-disorder [Haa70]. Spin-polarized
[All00]. spin-valve [TFL+98]. spinels
[Haa70]. spines [TMW+17]. Spinning
[CSS83]. Spintronics [WCT06, ZFE06].
Splatter [Zab77]. Splines [Ins76, Dim78].
Split [PK61]. Split-p [PK61]. Spoken
[KT66, ARS+17]. spread [BMF+16]. spring
[BW72]. spring-driven [BW72]. Springs
[Hau67]. Sputter
[CW78, MSG72, Ros99, JL90].
sputter-deposition [JL90].
Sputtering [MSG72]. Sputtered
[Flu67, Log70, LMD70, MJST70, SK69, Jont72, MU77, Pen69].
Sputtering
[CGHK77, KP79, KS79, KM70, Maz70, PDLM67, SJ70, KM00]. SQL
[KBA07].
SQL-based [KBA07]. Square
[Che72, HBC70, Jam89, MM83]. Squares
[Cio86, Goz94]. Squarylium
[Lew78b, Mer78]. Squeezable [Han86].
CH82, Gla97, HMM82, SHTP11]. Step-Size [War63], stepper [BDS+97]. Stepping [Fre67, BSSZ76]. Steps [KWB88, ABM88, GI88]. stewardship [OB09], STI [SNAl02], STI-to-PCI [SNA02], stiff [LOT2]. Stimulated [BN63, SB64, SCHL66, SL66, SLHM67, SAL63]. STM [ARM+01, ALH95, CWC95, MPD86, RCH+86, Vic86]. STM-excited [ARM+01]. STM/STS [ALH95]. Static [AP69, Ast67b, LS76a, PS86, el 69]. stock [Her72, NBF+16]. stop [ESS+20, Mer04]. stopping [LS77]. Storage [AKK+67, BF77, BGM+67, BM96, CT76, Cho74, Cio86, DR08, Eas86, Fal70, FB78, FC79, FW08, GLS67, GA84, GFHW82, Hoa61, JMP96, Kan74, Lom75, Lom76, Lom80, MS75, Mul74, Pat80, Pet57, Win70, van72, van73a, ABE+02, ADS72, AAB+14, ABB+12a, ABB+00b, BAB+18, BS03, BBC+08, Bro72, BKS+08, BGJ+17, CPT+08, CMR+90, CAC+13, CDC96, CHJ+18, DM03, EÖH10, FGH+06, GBJ+08, GAB+08, Gri69, GJ00, HKA+13, HYA03, Hoa00, HCK+05, ILH03, JL99, JST2, KAB+12, MDJV08, MTF+95, MA96, MC87, NFI+08, ODA+08, Oik03, OCT68, PSA+08, Pat89, Poh95, vdPT2, RCFN+08, SGY+98, SLC09, SMC+14, SG94a, Sou96, Ste81, Sur15, TB00, Tue76, VDD+00, WSK+93, van73b].

Storage-Channel [Cio86]. Storage-class [FW08, BKS+08, Sur15]. storage-hosted [CPT+08]. Store [Ahu80, CM80, Has66, JT66, MPST66, SL76, BZ06a, MHR+15].

Storage-And-Forward [SL76]. Stored [EKMW64]. Stores [TK64]. Storing [vv86a]. STORK [dTGH92]. Straight [Tay79]. Strain [CGL03, KS01, Seg62, Smi60, SST69, AAC+06, WGG93].


Structural [SWF+09, Win70, ACM+89, Cor93]. Structural-Information [Win70]. Structure [Adl70, BW81a, BKM80a, BB60, CH74, DJ70, GSVE83, HK64, Lan86, McC64, MY67a, MY68, OHSP76, Slo66, SAL63, WTP64, AHI+98, BEK+02, CGH+17, CBB+04, DGL+97, EHLSW01, FNRF89, GOVC71, Han70, Kit89, PS91, RQBW08, SNA02, TMS+01, Won90, YR91, ZVW+11, ZBL+72, van89].

structure-prediction [EHLSW01]. Structured [BBHS84, Cow87, KPB+12, MW82, KeJ73, McN94, RK15]. Structures [CFG64, EP86, FFH64, FWW88, Ham78, Hoa58, KW83, Wei65, BKM+82, BFH+93, CJ78a, CPT98, FLP90, FHR01, Gri04, Gus03, HHH+89, HIS71, KB06, Lud00, MMV+01, SLRY72, SHTP11, TMF+08, Tu90]. Structuring [UR75]. STS [ALH95]. student [WA15]. students [ITS+15].

studied [Lud00, Ros00, SN98]. Studies [BC60c, BA69, Bru78, DHTW86, DA77, FL59, Lun79, MP67, Sam59, Sam67, SLHM67, Sp09, BEH+89, CSH+89, EHK+89, FNRF89, GDLS14, HMO81, HF91, JS00, LFC95, Mat95, MMV+01, Sam00, TWRW89]. Study [Ada80, BBS78, BP84, BFT79, BT84].
CEHL78, CK63, Dic60, Fan61, FT77, Fuji92,
Gha75b, Gre79, Hor62, HBR85, KW83,
Lev77, Lye77, O’H87, PFS+70, Spe69, SS78b,
TDM+87, Tri58, BGW91, BH0H59,
CWA73, CWC95, CJ78a, DCC+17, DP68,
DuS71, Gro59, HHA83, HBR86, KIF+89,
LB07, Mic59, Okt69, QS67, RR69, SSK14,
SF93, SXYP12, WH+17, WS72, YTF+11].

Stuffer [Hel79]. Stylus [LM85]. Styrene
[DS65]. subclasses [TJHK03].

Subclasses [MD65], subdued [Okt71].

Subharmonic [Net60, Las61]. Subject
[Ano92h, Ano93f, Ano93g, Ano94e, Ano94u,
Ano95l, Ano97l, Ano98l, Ano99i, Ano00l,
Ano01o, Ano02b, Ano03b, Ano05d, Ano06d,
Ano07b, Ano08c]. subjected [Bau72, KSO1].

Submicrometer [CH76, TT75, BK76].

Submicron [JVP+90, TDM+87, BGK+82,
EKTT90, FKOP90, RG90].

Submicron-gate-length [JVP+90],
submodular [DH03]. submonolayer
[HKvG+11]. Subnanosecond
[DB79, Dha68]. subnetworks [SS82].

Suboptimally [Dur70]. subpixel [Pri94].

Subroutines [AC86, RV89]. subscribe
[SCW10]. subscripts [HL72]. Subsequent
[DJ70], subset [Nob95b]. subsidence
[Gam72]. subsoil [Gam72]. substituted
[Su75]. Substrate [Log70, MU77,
ADG+92b, DKA+05, TKB+92]. Substrates
[KM74, GSG+90, GWR090, KFSZ92,
LBV17, SGS+09]. Substructure
[KP63, MHS62]. Subsurface [Fre72].

Subsystem
[BS84a, CDG83, DSW63, MLS78, MTS84,
Mii84, Pat85, WCB+86, AFFS89, BSK+08,
BCC+12b, CBB+04, CCD+09, CW91,
GCS+12, HBL+99, HBL+02, ICO71,
JDBP10, MSB+04, MWS09, McN94,
MLMP+12, MCC+15, OHK+07, OBB+05,
OWG+13, SHR+09, SBC+02, WMB+15].

Subsystems [HPWW81, GBRJ05, LGF+03,
SSD+15, WMK+07, WYTO04].

substraction [CNH73]. success [DL02].

Successes [Lai08]. successful [vKCD+10].

suicide [VMAB18]. suicide-related
[VMAB18]. Suitable [JH80, MS89]. suite
[CP97, CM98]. Sulfate [Tr58]. sulfonic
[HH89]. Sulfur [BS77]. Summary [Gli69].

Summit [AHK+18, WSJ+19]. Suns
[Dub83, MM83]. Sunlight [Hov78].

Supercomputer
[MNR86, ABB+13, AAC+05, ADG+05,
BHG+05, BBK+08, CNN+05, CBC+05,
CHT+13, DLJ+08, EFR+05, Pic91, PBEK96].

Supercomputers [PZGL91].

Superconducting [AW62, AOR62, BGB60,
CJT62, Col62, Cro57, Dui59, EGS60,
GL62, Jno60, JH80, KDBT60, Kro58, Kur57,
Lit62, Mas62, Rec59, SM62, ACM+89,
BPL+89, BEH+89, BH89, CSH+89,
EHK+89, GSG+90, WSK+93].

Superconductivity
[BTH62, Coo62, HBL62, Mar62, Mat62a, Men62, SSN+62,
ABK89, Ano62e, Bar62, BCS689, Eme89,
Kat89, KIF+89, Pet89, Ano89].

Superconductor
[DSSS64, Mei62, AC84].

Superconductors
[GM62, Goe62, LeB62, Map62, Mor62, Tin62,
DY60, FRNF89, FL89, Gou89, HBB+89,
KC89, Kel89, Meh89, Mor89, Sch89, Var89].

Superconformal
[MWEJ05].

Supercurrent [Gar57]. Superimposed
[Coo62]. Superlattice [ET70, BA70, Pri73].

Superlattices
[MSG+01]. Supermarket
[Bra80, DSW82]. Superplastic
[Fre65, RK72]. superscalar [BGW+04].

Supplier [DKR12, ABH+19]. supplies
[BR09b, Cox92]. supply [BBSW97, DKK12,
GCFW07, NQ20, NNGV19, SKK14, SP14].

supply-chain [DKR12]. supplying [Yar12].

Support [DR82, AFP+01, ABC+99b,
AYA14, AEH+04, BS06, BCR91, CGM+15a,
CDG+10, DMG+17, DCC+17, DOJ+14,
FGK+07, GDS14, JFW+11, KBJ+18,
KS90, KBK+97, LGW+15, LPM614,
ST17, SKC09, TBS09, VWE02, VMS+14].

Supported [Ham78, HKvG+11].
Supporting
[BHH19, DLW86, EEM15, Kum98].
suppression [Bus71].
Surface
[AMGC86, AS78, ABM88, CFH64, DV64, DHTW86, DM64, FT64, Far87, GH66, Goo62, HBR85, KS66, Leh64, Mar64b, Mei62, Mor79, ODK+99, TY64, Tu90, WSW83, WS64, YS64, YA90, DR93, HBR86, IV94, MFPF71, O99, SRD94, SF93, TZZ+11].
Surfaces
[Bru78, Chu82, CM74, Den78, DJ75, DB76, FF66, GH66, HSM84, IM57, Jon65, Lud78, Pan78, PCDW78, Pol78, Pri60, Sch62a, Sou64, ALH95, BNT86, DF15, EM94, EC71, GI88, Ke75, KJS+88, MSG72, RK72, SA00, SHTP11].
surgery [TFJ+96].
Surplus [El 74, Agi74].
surprise
[SMS+14].
Surveillance [RMR94].
Survey
[Hei76, IM57, Met70, Roe79, WET+10].
Survival
[Bar75].
Suspend
[HS82].
Suspension
[CHBH85].
Suspending
[SH63].
Sustainable
[YT16].
Sw [KK02].
Sweep
[KST58].
Sweep-Position
[KST58].
sweeps
[EKR87].
Swelling
[BP84].
Swinging
[Hea76].
Switch
[ABC+65, Con58, DWGC85, LV67, Mar59, PRY65, Sea58, BJM+06, Dha68, DMR+81, EB91, Eng63, GLS92, HAMC+04].
Switch-Type
[DWGC85].
Switchable
[Rab69, RHC73].
Switched
[Hop81].
Switches
[Chi60a, Con60, Kar74, Pet79].
Switching
[CP63, DC73, DW58, DPW60, Die62, Eic65, HP84b, Kan74, KP59, Net60, Pea69, RTM65, Roe66, Shi59b, SLLP64, TW74, Th65, Cor9, DBC77, DPW00, May60, Rey69, RR69, RW59, RHC73].
Switching/Memory
[Pea69].
switchover
[MWW+07].
SXGA
[CW+98, SS00].
Syllog
[FGP+85].
Symbol
[Kur87].
Symbolic
[FLKA84, Sur99].
Symmetric
[Dub72, Key61a, Ost84, PSS86, Bra94, MSB+04, RSS91, Sho04].
Symmetrical
[Wal57].
Symmetrical-Transistor
[Wal57].
Symmetries
[AS87, Bra94].
Symmetry
[But88b, Pen88, Wee79, HM89].
Symposium
[Ano70b].
symptoms
[Pon17].
Synchronization
[ARV64, Cha67, PR71, NG17].
Synchronous
[Fra80a, BCF+07, CN71].
Synchrotron
[JS00, Arc93].
syndrome
[BC00].
synergistic
[FAD+07].
synergy
[JWS+09, NQ20].
Syntax
[Mou86, Bro85].
Syntax-Driven
[Mou86].
Synthesis
[BMW83, BHD+05, Bud67, Chi60b, DJB78, DB+84, EKMW64, HP66, HO75b, Hud63, Kau81, May60, Rem67, WW75, BOS+95, Ber76a, CT06, DBG+00, DS71, GJ76a, GJ76b, MSG+01, RW59, SKB+96, Wie76].
Synthesized
[Whe88].
Synthetic
[van77].
Sysplex
[DP13, DEH+12, GPE99, RKW99, SKE+18].
System
[ACG+87, Ast76, AEGP07, AS74, AHM+07, ABG+09, BEK+02, Bar75, BJ80, BCG+12a, BCF+07, AV+09, BCD+85, BG+07, BT67, BS84, Br78, DHH76, CDLS92, Cha87, CO61, Cha74, Cha75b, CCG+09, CAC+13, CFH64, CDW75, CLOR87, CAD+09, Com83, CI76, CD85, CPZ63, CDH64, CW91, DFM+88, DTH92, DBC+84, DMWW77, Dav80, DR08, DGG+92, Del08, DMP59, DSW71, EHP76, EL79, ELMR77, FLW78, FLKA84, Fle58, FLR77, FGK+07, FL77, FN71, FGM+83, GGRW91, GLP76, GL78, GRT74, GMT57a, GMT57b, Hai85, Haj91, Hal76, HDV+07, HY84, HTH+09, Hen68, Hoa61, Hop61, HP84b, JWS+09, Kan74, KST58, KKB+99b, KBG+09, Lat73, LCH78, LH00, Lev64, LS76b, LIW77, Lin84, LBB+75, LNT97, Lu58b, MWS09, MCG+09, MPS77, MRD+07, May85, Maz70, MP61, MW82, Mon82a].
System
[NHH91, OHK+07, PH79, PL83, PPS82, Pla76, PSW+07, Pri07, PS09, RH+99, RFC+07, RH75, SWF+09, SAR81b, SHR+09, SKC09, Sea57, Sha58a, Shi85, SBDT+09, SY73, SV91, Sow84, SBC+12, SWS7, TSNF88, Tay84, TAE+07, Tit61, Tod78b, TBB+09, TAR84, TSC91, TBS09, WMK+07,
WLPL+80, Whe88, WHK+09, Wre83, WC75, Zab79, ZST+07, AHK+18, APRS16, AEZ84, AYA14, AKRS04, AUW+09, ADG+92b, ABD+18, ADH+07, ALS81, AKB+69, BCD+17, Bar78, Bar68, BHR52, BBD+02, BMF+16, BMP89, BNN+09, BKM+69, BBD+98, BC18, BH80, BKRF02, BCC+08, BCC+01, Bro72, BCR91, Bu62, BMT+90, BGF+17, C1983, CP97, CTD+16, CDM92, Cor69, CBD+09, Cre81, DBG+00, DBB+02, DeM91, DMG+17, DT08, DBC+05, DCC+17, DAB+97, DGL+97, DEH+12, EGH+86, FKL+08, FW08, GBC+05, GDB16, Gra69, Gra71, Gri69, Has98, system [HZG+16, Hoo00, HDK+11, HCG+13, JSS13, JDBP10, JML+18, JCO0, JWW+11, KMC+11, KGT88, Ks96, KAB+05, KKM02, KCH+09, Kon69, KSB07, KHZ+08, LNT08, LSF4, LSZ+10, LMP69, MMS05, MJB+97, MSB+04, Man90, Mat89, Mey81, Mol69, MTB+90, MVI+07, NC803, OMA+96, OCT68, PMS+08, PBC+06, PR71, RAG11, RRMD17, Rei69, RBK+08, RD12, RMM03, RIB+13, SGY+98, SMP+04, SQ95, SMC+14, SKT+05, Sta75, Stu70, TW85, TMS98, TDF+02, Tcb69, Tol97, TFF+91, VAB+05, VTC09, WZC+10, WMH+97, YAH+96, YGS1, ADG+92a, AGF+86, ACF+80, ABB64, ABB00a, AHJ+57, Aus90, BLM+92, BGM90, BEM+92, BMS4, BGM+67, BBMP92, BRB92, BJS+97, Ca70, CMPR64, CMR+90, CTS+92, CDM92, CMW92, CDG83, Cov92, DHHK+92, DGG+92, EGS+85, FL67, FAJ+94, GR92, GZM92, Gro90, GFS71, Gum83, HMM70, H90, HOWP92], System [K90, KLM+91, I90, Mar90, MHR90, O90, Pd81, Pd83, Pat80, RB90, Sa64, SSW91, Sta90, War90, WD94, Wil85, WCW82, WCK+07], system-level [RBK+08], system-on-a-chip [BB+02, DBB+02, NCB03], system-on-package [KAB+05], system-wide [KSB07], System/ [BG+67, FL67]. System/2000 [Wil85]. System/3090 [SSW91]. System/360 [AST67a, AEGP67, ABB64, ABB07, Cal70, CMPR64, Pad81, Sam64]. System/370 [ACG+87, FN71, ACG+86, CDG83, Gum83, Pad83, Sta90]. System/390 [DTH92, KLM+91, CMW92, GR92]. System/400 [BLM+92]. System/6000 [Aus90, CM90, FAJ+94, HM90, Mar90, MHR90, War90, WD94, BGM90, Gro90, OG90, RB90]. System/7 [HHM70]. System/9000 [CW91, GGRW91, Ha91, Sar91b, SV91, TSC91, ADG+92a, BBMP92, BRB92, CTS+92, Cov92, DGG+92, GZM92, HOWP92, BEM+92, CDM92, DHH+92, Lip92b]. Systematic [SLZL18, WA79]. Systematics [UC62], systemic [MB+15]. Systems [Age04, Age05, AG06, Age08, Bal05, BHP83, CDS92, CFL3, Cha75a, Cho75, CLW80, Cle81, CC76b, DFS98, DR08, Des02, Des04, DLW86, ES92, FGC92, GLOS92, Gha75b, GHS4, GHK67, GA84, HW12, Hla60, HLS81, Hua67, DTH+99, H82, Hov78, HCTS81, IS83b, Jam81, KP79, KSW74, Kob70, Kuh88, LS76a, Lei62, LD74, Num09, O081, Par66, Pen88, Pet76, Pri07, Rk74, Roe66, Rot66b, SH57b, SH57c, SY92, SH84, Sur15, Swa60, TW62, Tay81, ZST+07, ABE+02, ABK89, A97, A001, AAB+16, An01c, AC84, AAB+05, AAM+07, AHHN11, BBMR19, BSJ+13, Bil72, BFR10, BK61, BHI03, BFG+99, BJO6a, BKS82, CJSW73, CCJ81, CDC96, CGD+10, CMS85, DDS+92, Dur70, ESM16, EOH10, Fer70, Fda91, FGH+06, FN95, FNY+10, GZM92, GM72, dTGHC92, HGI4]. systems [IS83a, IMC+10, IJ19, Jee58, JL90, KBM+99, KL70b, KT70, Kob71, Koe18, KBC+03, LD+10, LQRS04, LJ+07, LH+02, MDV08, Mar12, MBF+07, MCH+82, MN97, Mos61, NAB+15, NAF+18, PLK09, PK88, PBK+09, PPG+01, PMW06, Poi17, PAB+05, GQT13, RQBW08, RFB+03, RH90, RW59, Sar91b, SRL+11, SAA+18, SPP72, SSMGD10, SPB+03, System/2000 [Wil85].
STW$^{+10}$, SSN$^{+15}$, SR19, SCW10, SDS$^{+18}$, Ste01, SN15, SV92, TWX$^{+10}$, Tue76, VAB$^{+13}$, VLP$^{+05}$, VVHL16, VLB$^{+09}$, Wal86, WNW$^{+10}$, ZHP$^{+18}$, ABD$^{+92}$, CNV$^{+15}$, Pic18].

T [BCSE89, FNRF89, FL89, HHH$^{+89}$, KC89, Kat89, Kel89, KIF$^{+89}$, Meh89, Mor89, VAB$^{+05}$]. T1 [Irv91]. **T1-rate** [Irv91]. **T1** [NFI$^{+08}$]. Table [Ano57w, Ano57x, Ano57y, Ano57z, Ano58r, Ano58s, Ano58t, Ano58u, Ano12l, Ano12i, Ano12j, Ano12k, Ano13c, Ano13d, Ano14k, Ano14l, Ano14m, Ano14n, Ano15l, Ano15i, Ano15j, Ano15k, Ano16e, Ano16f, Ano16g, Ano16h, Ano17d, Ano17e, Ano17f, Ano18e, Ano18f, Ano18g, Ano18h, Ano19k, Ano19l, Ano19m, Ano19n, Ano20c, Kin61, CGS61, Nob95b].

**Table-based** [Nob95b]. Tables [Cle65b, MY67b, Mye72]. tabulating [KSH$^{+08}$]. tackle [KM20]. **Tactile** [DWGC85]. Tagging [Tar63]. **Tagline** [RAMD19]. Tailoring [Fer75, SRD94]. Tails [CCEB88]. taking [HST06]. taming [ZBBB17]. **Tandem** [BCH$^{+16}$]. **Tantalum** [SM62]. Tape [BBKW86, BS70, CDS$^{+86}$, DM03, FT77, Gre79, HPWW81, Kis03, LS75b, Pat85, SH75b, SH57c, Sko85, WCB$^{+86}$, ABB$^{+08}$, Bau72, BP88, BE03, BS03, CIE$^{+03}$, EÖH10, FCH70, HYA03, ILH03, ICO71, Jaq03, Led71]. tape-head [Led71]. tape-recording [ABB$^{+08}$].

**Tapered** [GZM92]. Tapes [BTW62, CTT66, PH74, TW74, Vo65, BD74]. targeted [PSD$^{+17}$]. Task [Kan74, BGH$^{+05}$]. tasks [AKB$^{+17}$, BWK$^{+17}$, Sar91a]. **taxonomy** [CCF$^{+10}$]. **TCAD** [LMW$^{+01}$]. **TCNQ** [Lew78b, Mer78, SGT78]. **TCP** [Bou97, NMF10]. TDI [Sch91, WYS92]. Te [Sui75]. **Te-substituted** [Sui75]. Teaching [NBM$^{+19}$, KdAC$^{+15}$]. teams [DYK10, EEM15]. Technical [Ano57k, Ano57l, Ano57m, Ano57n, Ano58j, Ano58k, Ano58l, Ano58m, Ano59f, Ano59g, Ano59h, Ano59i, Ano60i, Ano60j, Ano60k, Ano60l, Ano61f, Ano61g, Ano61h, Ano61i, Ano62f, Ano62g, Ano62h, Ano63f, Ano63g, Ano63h, Ano63i, Ano66s, Ano66t, Ano66u, Ano66v, Ano66w, Ano66x, Ano67w, Ano67v, Ano67-27, Bax58, DR08, Sam81, DCC$^{+17}$, GHN04, Mar12].

**Technique** [BLLS79, HMW74, Han57, HWC75, MD65, Nus77, PH65, RHM63, RP66, SK76, Wes78, van77, APOI92, EKTT90, FW67, HHA93, Hun71, KMK68, KO69a, LPPT86, Sit71].

**Techniques** [AC64, Aie84, Ber64, Bla59, Bla79, Bon64, BBH$^{+67}$, BCRW82, Cha73b, GSVE83, Ken61a, La80, Llo67, LKL$^{+81}$, MG62, Ode87, Par80, Smi57, SS87b, STTF77, Tar63, Tro00b, Bag94, GRH$^{+08}$, GCFW07, Hei80, JS00, KBF$^{+92}$, LKF05, MTF$^{+95}$, McC99, NDM$^{+04}$, OR92, Okt90, PBBC12, ST17, Sar91b, SWC$^{+97}$, SLYR72, SP$^{+05}$, TGL$^{+12}$, TG91, ZBBB17].

**Technological** [OQ81]. Technologies [Att92, BNS15, CRH12, Cor18, GS80, Gon99, MT84, NNF15, Ser82, SW83, AEG$^{+20}$, BGLM09, BKS$^{+08}$, DAC$^{+03}$, HNS$^{+03}$, Law02, Rit13, Tag09, MVCW10].

**Technologist** [Mey03]. Technology [All81, Ana80, Ana19g, Ana19i, ABB$^{+85}$, BSS82, Bal05, BCM86, BPS$^{+96}$, BGK$^{+80}$, BHWW77, BHZW63, CKK$^{+88}$, Che06, Che08, DHSC64, DHSC00, DR08, Des04, Don00, Eic18, Elm84, EHMW81, FHVZ80, Fle95, GHLW84, HW12, Hor93, Hor00, IK00, IBP$^{+05}$, KGCS85, Kos15, KT84, Kua95, LMT84, LAG$^{+84}$, LCB93, Lip92a, LSH79, Mat80, McG81, McG92, MTS84, Mey03, Mit94, NK81, Nun09, Pat18, PC85, PPS82, Pri07, RWL81, Sak79, STCR84, SGESR10, Tro80, Tsu80, vM66, ADG$^{+95}$, ABB$^{+00b}$, AFF96, AB$^{+92}$, BK76, BRB$^{+01}$, BP881, BWB$^{+18}$, BE03, BCK$^{+05}$, BKR02, BR82, BGL$^{+92}$, BL98, CDD82, Car81, CNG09, CIE$^{+03}$, CDM92, CBC$^{+18}$, CM90, CM00, CGN72, CCW$^{+02}$, CCE$^{+20}$, DWA$^{+08}$,
DEG+01, EK08, Eng03, FRS+18, FN71, FHS06, FCE+15, FW08, GRGW91, GWR90, HHSR96, HRC+08, How92, Isa00, IFB+11. Technology [JMM+96, KBM+99, KAB+05, KYY+08, KBC+03, Kuo92, Lar80, MAB+03, Mey00b, OR92, OB09, PSA+08, PMV15, PKZ+03, PSW+07, PBK96, RBB+08, RB92, RGPP95, SHWK+90, SAT+08, ST17, S109, Sha02, SvNH13, SPP97, SHSY90, SHSY00, Sta02, SRH+18, SKE+18, SHM+12, The00, TB00, VRA+09, WR00, WBS+18, YT16, AFP+01, SAPT01, TFR+01]. Technology-migratable [BPS+96]. telco [CDL+14]. telecom [MDMN10]. telecommunications [Mey00b, VAB+05]. teleconferencing [BBD+98]. Telephone [ABCR65, BM63, Hop61]. Telephony [Dav58]. teleportation [BMH04]. teleported [Per04]. TelePOVM [BHM04]. Telescope [Hud76]. television [AFFS98, SA98]. TEM [Wee72].

Temperature [Ago89, Br60, BN63, CFH64, ESM16, GM62, GS84, GMT57a, GMT57b, Ker64, Lin67, Mee67, ODR70, Sie70, SST69, Swe62, van88, Bea90, CNC+95, Eme89, Fuj92, JWS96, Kaj71, Mey90, Mey00a, Okt69, Pai72, Pet89, SHWK+90, SN02, Sch89]. Temperatures [CS85, Cre58]. template [TYSS19].

temporal [AEG+20]. tenant [KMM+16]. Tennis [BHP17]. Tensor [Ho66]. terabyte [CIE+03]. Terascale [FKL+08]. Terephthalate [Bh79a]. Term [FR60, GAC85, BBC+08, SSB+12].

Terminal [Cha75a, Sak79, BA69, Kon69]. Terminals [San83b, TL70]. termination [Lan66]. Terms [Esa62, Pi66].

terrace [SHTP11]. Terrestrial [ZS96, Zie96, Zie98]. Test [CW83, Doo83, EL80, EL83, GGKK96, OH74, Sch67, SW67, VTM+90, BKP82, CPTW98, Fu92, HBB+05, HMP90, HR+97, KS90, KB06, LSFS84, MTB+90, RB90, RH90, SWF+09, Sar91b, WLEF89, Won90]. Test-Pattern [EL80]. testability [Sta90]. tester [FKOP90]. Testing [BDW83, HO96, PW83, TC84, BTP+90, CAS+91, DDZ+07, FCH70, GWR90, JPTW92, MKW+05, MPH90, OR+96, OCB+90, VWPB90, ZMM+96]. tests [Ibe03]. Text [Kin61, TSNF88, AAA+17, GG+13, IrV89]. text-oriented [GG+13]. texts [AC92]. Textual [CCFSZ12, MFL+12]. TFT/LCD [JPTW92, KS98]. th [Kog59]. Thallium [GL62]. Their [Arm65, DG84, RS59a, Tro80, AO97, CCF+10, HK64, HA00, HBR85, HBR86, Jam89, Kum92, Lan60, Lud78, Sch96b]. Theorem [Dor60, Ode64, RS66, Shn94].

theorems [Mor73, Var19]. Theoretical [BT84, Coo62, FK62, Ken61b, Ku63, MP67, SB64, SM66, TC63, Wat60a, Wat60b, Gro59, Okt71, RR69]. Theories [Jon72, KJP11]. Theory [ARV64, Ast67b, BW81a, BBS78, BLR84, Bog79, DC73a, Dou62, FP73, Gar86, Gun69, HP63, Ho73, Hor57, IM57, Jon98, KO67, KP59, Lor70, LR65b, Mag73, Nes98, NB61a, Pip79, Pri59, Red57, RK75, RVV88, SS59a, Slo66, Tu75, Ung72, Ver88, Yas87, ZG65, Aas70, Bar62, Cha77, DCD77, EHL5W01, Gil60, GLS86, HBW70, KM73, MN03, MHI01, Mat03, May70, Mor73, Pai69, Pip81, Pri70, Riv87, Sch89, Str68, Wei72, WG19]. Thermal [BB82, CJT62, CN79, CS85, DS77, Jan69, Key65, Key70, Key71, LM85, LS64, Mah93, PC85, PW83, Rei66, San83a, SFD77, Str59, Twa85, WGC93, Bea90, BAV+09, BRB92, BSR09, CGLL93, FGMPK05, GLCW93, HOWP92, Ibe03, ILH03, KLM+91, KS01, LD72, PHCM05, SCI05, VDP94, You90]. thermal-to-plasma [VDP94]. Thermally [Hen74, SGS+09, SST69].
timers [Mat98]. Times
[Cha75a, FS88, Her65, Str81, BGK62, SS82].
Timing
[HSC82, TAR84, BS95, BHD+05, MTB+90].
Tin [KDBT60, KT84, SM62]. TiO
[KBS+99, CKG+99]. Tips
[FIn86, Dus71, VDD+00]. Tires [SKK14].
Tissue [PSP06]. tissue-patterning [PSP06].
Titanate [Cam57, DH57, Pen69]. Titanium
[CKG+99, TDM+87]. Ti [BPL+89].
Ti-Ca-Ba-Cu-O [BPL+99]. TOBEY
[Blc94]. Today [KGCS85]. toggle [Wor06].
Token [BS85, Str83, OCB+90].
Token-Access [Str83]. Token-Passing
[BS85]. token-ring [OCB+90]. Tolerance
[PL83, CTS+92, NBF+16, Sch96a, SG99, Sta89b, Sta89c, TSC91]. tolerances [SJ89].
tolerancing [JS89, SJ89]. Tolerant
[Aic84, Com83, BKRF02, Cov92, CR84].
Tomographic [PL81]. Tone
[MN67a, HHSW01]. Tool [Elm84, ABL+84, ACM01, Bal91, BDS+97, GHP+93, Jee58, Osb93, PS91, SLC+97, SPS+96, TWX+10].
toolkit [BHD+19, KKL+14, MD12b]. Tools
[KGCS85, IBM13c, BH11, BDHH+09, DDB+02, MSW+05, Mo91, Tan08]. Top
[Tod78b, Man90, SON+91]. TOP-1
[SON+91]. top-down [Man90]. Topic
[An093b]. Topical [MT84]. topography
[HS71, Seg68]. Topological
[Gun69, NS92, VLVK14, Aas70, RW59].
topologies [ST89]. Topology
[Kuh60, Dic91, MWL+14]. Torque [Abb66].
Torsional [Pet80, Sat63]. torus
[ABC+05, Adl87]. TOSCA [BBG+14].
total [Rab69]. Touchless [SIKdL16].
Toxicity [RL70]. Trace
[Hei94, BGW91, SLC+97, BCCK92].
Trace-directed [Hei94]. trace-driven
[BGW91]. traceability [LZZ+16]. Traces
[FR60, APRS16, HHR99]. Tracing
[BDHH+09, WNP91]. Track
[Hoa61, KMH82, Hoa00]. Track-Density
[Hoa61, Hoa00]. tracking
[RSS+15, RMR94]. Tradeoff [BDMW81].
traditional [HG14, SNP06]. Traffic
[Cha67, HF91, Kar74, BSY+15, OIM+13].
training [CGM+15a]. Trajectories
[BJ67, Lev66, Tay79, CPvR00]. Transaction
[Woo87, OYH99]. Transactional
[LGW+15, OWG+13]. Transactions
[AGH+16]. transceivers [TJK03].
transcription [HKD06]. Transducer
[Abb66, BCR74, Bra75, TT75]. Transfer
[CH74, CS85, FB78, Gom86, Gra80, Hud63, Kau81, Lik88, PC85, Rem67, Roe66, Sch62a, S78, Sea57, Twa85, Bou97, DH69, DG93, HCL72, IMC+10, Led71, MKJM93, PMS+08, RK72, Sun06, Var89]. Transform
[AC86, Bla79, Dan66, Har71, Kri82, Mas97, Bra94, Kri82]. Transformation
[BNS15, FL76, NNF15, SR63, CRH12, CDS+19, HMP+11, KTN+12, BO90, Sha12, UDP+12, Vay12, WBT+10, San12].
Transformations
[DJBT81, DDDK12, Ros00, Sar97].
Transformer [TK64]. Transforming
[GAB+08, SHM+12, WAB+09]. Transforms
[AS87, Coo82, Nus76b, Nus77, Lew75, Nus76a, NQ78]. Transient [AGAP63, BH82, Gru79, HS61, vS57, BGL66, SG71].
Transients [Loy79]. Transistor
[CW85, Cre58, Dun57b, FFH64, Ken61a, K069b, KO70, KGCS85, LV67, MM75a, Mc92, Rut57, Str59, Wa57, vS57, BGL66, CPT98, DMR+81, FAFL91, Fuj92, GA0D71, HRG80, H571, KM73, KFUY92, Kuo92, KOT99, L9L, SLRY72, TSH92, TCH98, TTI98, WOU02, WVA+98, ZCK71].
transistor/liquid [AOP92, How92].
Transistors [DS70, Gau77b, Gau77a, Gil79, KMO64, Mag73, Rei66, RS59b, Wol70, CDS73, CDS00, Dha68, DM01, FLB+19, GOVC71, HF90, MTH71, TWF90].
Transition [AW62, AOR62, BB70, BB60, BFT79, Dus59, Fre70, KMB+08, Re59, RM70, Tri58, T74, SN98].
transition-metal [SN98].
Transition-metal-oxide-based [KMB+08].

Transitions [Cle81, DH57, LeB62, SM62, Whi70, MP81, VDP94]. Translating [MS89]. Translation [CERS76, KLS66].

translational [EK87]. Translator [DO86]. transliteration [AFCB94].

Transmission [Ber64, CDH64, Cro70, God74, Gau77a, GHP+85, KO69b, KO70, LC80, OHM+85, Zwe65, Ano66g, Ano66h, Ano66i, Ano67j, Ano67k, Ano67l, Ano67m, Boh73, BS91, Fra89, Glab77, Her72, KM68, LKY80, LGBV17, Nef90, RS66, Sav69, Sta73, Van97].

Transmission-Line [Ber64, Wee72]. Transmitter [Sha58b].

Transparent [DO74, PC64]. transparently [Irv01].

Transport [BS64, BWG85, DHTW86, EBd+86, Fin86, FS88, Gar86, Gom86, Han86, HBR85, JK86, KBW88, Lan86, Poh86, PR59b, SSN+62, THv70, WKB+86, vv86b, BNT86, BR00, BL86b, Dür94, HBR86, LBT99, Sto91].

Tunnelling [ZG71]. Tunnels [Mar79]. Turán [MR72].

Turbocharging [BS91, FKL+08]. turnarounds [ATW06]. Tutorial [Str83]. tutoring [SN15]. TV [CIJ+10]. Twisted [HL83, LJ92].

Twitter [MNW20, SPB+17, VMAB18].

Two [Ano60h, BBH+67, BH79, Cal81, CA84, FL59, GON+06, Gar64, Gau77a, GHP+85, Han67, HA58, KO69b, KO70, Le 62, LC80, Loy79, OHM+85, Pat89, RS67, Rut57, She39a, Sta67, TSC91, WRG99, Zwe65, Ano66g, Ano66h, Ano66i, Ano67j, Ano67k, Ano67l, Ano67m, Boh73, BS91, Fra89, Glab77, Her72, KM68, LKY80, LGBV17, Nef90, RS66, Sav69, Sta73, Van97].

Two-Collector [Rut57]. two-cycle [Van97].

Two-Degree-of-Freedom [Hau67]. Two-Dimensional [Gau77a, GHP+85, KO69b, KO70, LC80, OHM+85, Zwe65, BS91, Her72, KM68]. Two-level [GON+06, Pat89].

Two-Parameter [FL59, Sta73].
two-phased [LGBV17].
Two-Photon [BH79, Gar64, Loy79].
Two-Point [RS67, RS66].
Two-Queue [Cal81].
two-seller [Sav69].
two-step [Gla97].
two-user [LKY80].
Two-Way [She59a].
Type [CEHL78, CW91, DWGC85, FP69, GGRW91, Haî91, KO69b, Kuz70, NHH91, PL79, Sar91b, SV91, TSC91, CTS+92, CH82, FA70, GSG+90, HMM82, MN67b, MKW+12, Vur70, WS72].
type-piece [WS72].
typed [Beî92].
Types [Cas60].
Typewriter [ABB+85, BR81, May85].
Typing [85, BR81, May85].
U [KMC+11].
U-Compare [KMC+11].
U.S. [BHP17].
UHV [CW86].
ULSI [AHW+99, CNS+99].
Ultra [ZG71, RH90].
ultra-high-frequency [RH90].
Ultra-high-speed [ZG71].
Ultrafast [JWL82].
ultrahigh [Mey90, Mey00a, PSA+08].
ultrahigh-density [PSA+08].
ultrahigh-vacuum [Mey90].
ultrahigh-vacuum/chemical [Mey90].
Ultralow [HZB+06, MAB+03, GAOD71].
ultralow-capacitance [GAOD71].
Ultralow [MAB+03].
Ultralow-power [MAB+03].
Ultralow-voltage [HZB+06].
Ultrasmall [Lik88].
Ultrasonic [Mor62, PL81, CMR72, Dus71, Far82].
Ultrathin [Buc99a, Luc99, RF78, ABC+99a, GLG+99, LBT99, MFS+11].
Unbounded [Low74].
unbuffered [HF91].
uncertainty [KKL+14, WAC+16].
Uncovering [CLH+16, HvKI+09].
under-resourced [GHH+17].
Underdamped [RVV88].
underdetermined [PPG+01].
Understanding [AWK20, Emm97, HCG+13, LHS+17, LL98, MNWH20, YBF+14, FSG+73, KAF+16, Kit89, PSD+17].
Underwater [Beî74, HKA+13].
Undetected [HDBR08, SH57b, SH57c].
undirected [Ari69].
unfolding [ZEH+08].
Uniaxial [KGD3, Kum65].
Unification [BKU88, Beî92].
Unified [CAE+76, FBG12, KKL+14, YSH12, CBD+09, MSV14, Nob95b, MBA+12].
Uniform [CT76, Gru79, Par60, SHTP11].
Uninterpreted [CA84].
Uninterruptible [Ste01].
Unique [Kum92, CCE+20].
uniqueness [Bill2].
Unit [FB78, GS82b, OG87, Ser82, WRLA75, AEGP67, BAJH94, CBB+05, EV93, GWS+04, HFH94, HM90, JO96, MHR90, SSM97, SK99, Tho70].
United [Irî93].
Units [Tom67, ADS72, HSL+05, SC94a].
universal [Bla84a, Bla84b].
universes [GRS13].
University [Wie58, RCH+86].
UNIX [KPT+02].
Unstable [BFT79].
unstructured [AAA+17].
unsupervised [BSRG17].
unusual [PL20].
UP-US [Kuz70].
UPC [Bra80].
update [CNSS12].
upgrade [MVT+07, PVAK02].
upon [HP01].
upset [GRH+08].
upsets [HRC+08].
Urban [BH11, BMS+17, TPTH20].
URL [VNT16].
usable [BBK+16].
age [CHM+16].
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1. Table 5 (page 124):
   insert $k \leftarrow 0$ after assertion, and also delete $k \leftarrow 0$ from Table 6.

2. Table 9 (page 125):
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for -1:USER!(""");
substitute -1:USER!("0");
and delete the comment.

3. Table 10 (page 125):
for fill(-k, "0")Swa[
substitute fill(-k-1, "0")]

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