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**Title word cross-reference**

(−1, 1) [MY65]. (0, 1) [GS72a]. (b, k) [AC84]. (E, k_x, k_y) [ZVW+11].
−∞ < N < +∞ [Kog57, Kog58b]. 0.11μm [BDN+02]. 0 < N < 1 [Kog58a]. 1 − μm [GSC80, JHH+81]. 2 [HS60, MDJ+70]. 22 [FCE+15]. 25°K [MDJ+70]. 2^k [AEG+02]. 2^{k-1} [AEG+02]. 3 [CS03, DWA+08, EFR+05, EK08, MDJ+70, MG90, SAT+08, SJMBK08, ZVW+11]. 32 [LBB+13]. 360° [RCP+16]. 51/4 [FMPS93]. 3 [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, KLBP64, K80, Kus70, MRH89, MJS70, OG80, RF78, SJ70, SARG80, Tu90, Vur70, WB70, YDHS78, ZBL+72, vHv+89]. 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, KLBP64, MRH89, MKP73, ZBL+72, vHv+89]. 6 [YAJ90]. 7 [CDM89, CSH+89]. 7−δ [BH89, GSG+90, MRH89, vHv+89]. c [BCSE98, FNRF89, FL89, HHB+89, KC89, K89, Kel89, KIF+89, Meh89, Mor89]. p [FL89]. ϑ [Fuj92]. x [ACM+89, BEH+89, EHK+89, LMPP69, MB75, Mat70, SG77, Vur70]. A [LO72]. b
[HRC+08]. altered [Ir89]. alternate [VWE02]. alternating [Wid67].

Alternative [AKNR10]. alumina [KLM+91]. aluminium [SD71]. Aluminum [ADH70, AIH+98, DYHS78, Jon70, YDHS78, AdH00b, Lar80, SL66]. Aluminum-based [AIH+98]. Aluminum-Implanted [DYHS78, YDHS78]. ALUs [PV93, Sch80]. always [SIKdL16]. always-on [SIKdL16]. Ambient [BMC86, Leh64, RC09]. Amdahl [CPD+09]. Amendment [Ku63]. Amino [BBD63]. Among [DG84, Vil82, DSS+92, YCJ+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]. Amplifier [Gra80, TC63]. amplifiers [JGD+08]. amplitude [BS71a]. AMR [Ibe03, ILH03]. Analog [ARV64, Wal58, HB73]. Analog-to-Digital [Wal58]. Anallogon [BDH83]. analyses [BBMP92, Gro59, PMS+17]. Analysis [AW82, AKB+17, AH79, AGAP63, BBC+09, Bos97, BK61, BC98, Cas60, CFL73, CHW75a, CHW75b, Cha62, Cha74, Cha75b, CW85, Chi86, CD75, CW77, CMS85, CPL+74, Cve87a, FE75, Gar57, Gar64, Gau77a, GLST4, GL76, GS76, Gav78, Gav79, Gus76a, Gus76b, HS81a, HP66, HW81, HS61, HSC82, Ho66, HS82, HO75b, HST1, How84, Hun79, Ken61a, KO65a, KO69b, KO70, KGT88, Kur87, KMT4, La80, Lan74, Lee77b, LS76b, Man85, Mat5, Mea83, MW79, NB61b, Ohb84, PL83, PH65, Pin76, RP70, Rue79, SC75, SFD77, Sop59, SM66, Sta87, SM63, SG64, Tak87, Tan74, TKG89, Thn60, Tit61, TAR84, VSF65, Wat60a, Wee79, WCW82, WC75, WA79, Yaa85, Zar57, AAA+17, ABM88, Bal91, BFRT13, Bir01, BGL66, BBS+03, Bro72, Bur72, BC98, CGM+15b]. analysis [Cha73a, CGLL93, Cop00a, Cor93, Dan66, DDB+02, Dick91, ESA02, Fer70, GMNE63, Gre60, HMO81, HMO81, HKA+13, HRF+17, Ho73, KBF+97, KM68, KWT+11, KBF+92, KS01, LPM+12, LFF90, LSW13, LD72, Lom77, MYKK+17, MHI01, Mat03, MWX+17, MDMN10, Mon82b, MFL+12, Okt71, P506, PAZ72, Pig88, Sch96a, Sed67, SBG+71, SSB+12, Sta75, TWX+10, TKV00, TTI98, Tue76, VPD88, WLM+17, WTT+14, WC69, YBF+14, You90, ZBL+72]. analytic [Bar78, Mat03]. Analytical [LD72, MHI01, SLHM67, Tro00b, VMS+14, Bat00]. Analytics [AGH+16, BR17, EDGL+13, KAF+16, AHN+03, ADF12, BCC+12, BSY+15, BGL07, BEJ+14, CDL+14, CJH+15, CMH+16, CP13, DGH+14, DJL+16, GKK+13, GWB+17, GSC12, GAJ+16, HZG+16, KBJ+18, Kan15, KRTN+12, LPA+15, MHR+15, Pon17, RRM17, RCP15, SJW+16, SKP+15, Sof13, SS15, SMX+14, SIKdL16, Yar12, ZSY+13, BBE+13]. analytics-based [KRTN+12]. analyze [SSK+16]. analyzer [An01]. Analyzers [DW90]. Analyzing [HAG+13, KSH+08]. Andreev [vHv+89]. Andrew [RBB+11]. Android [SBG+13]. Anelastic [NB61a, NB61b]. Angle [CSS83, Lan63, PBF60, PW68]. Angle-of-Incidence [PBF60]. Angular [Hun59, Sun06]. Animation [BS91, FLCB85, WNPB91]. Anisotropic [Pri60, SOO98, PM72]. anisotropies [Yan71]. Anisotropy [Boy60, OHSP76, PBF60, You90]. Annealing [Bh79a, CCP85, CFI64, DKN87, GC68]. annihilation [Pet89]. Anniversary [Car81]. Anodic [Dat93]. anodization [Hes09]. Anodized [PCD78]. anomalies [LSW13]. Anomalous [AC63, CP86, LeB62]. Anonymizing [GDLS14]. ANSI [NFI+08]. answer [TOKN18]. Answering...
Application [Ast67b, Bar75, BMC86, BSJ+13, BUK88, BHWW77, CM80, CD85, DC82, Dou62, FLCB85, GA68, GH67, HP63, HJ88, HKM+86, How82, KT70, Kob71, KM70, KM00, KT84, Kov59, KBF+92, LS67a, Le 62, LMT84, MW80a, Mar64b, MS67, MS87, Moi91, MPD86, PBC+06, Piz79, PKZ+03, Rot66b, SM78, SLG78, SF93, Tro80, TTI98, AKKJ72, AAB+10, ABM+01, BBPS91, BDS+07, CPT72, CLP+13b, CPT+08, CN94, EFP10, FKL+08, GI88, HBB99, LFR05, LR79, LS72, MDJ80, MC87, Mon82b, NC803, RRMD17, RR69, SBG+13, SCH+72, SCW10, TCCH98, BLM+92, MY65, MM75b]. Application-level [BSJ+13].

Application-Specific [HKM+86].

Applications [ABC+85, Aic84, BV78, BAH82, CA84, CH84, Com83, Cro79, Dat89a, Hau96, HF78, Hop61, Kau81, NB61b, OO81, Sch75, SCYK78, WKB+86, WR83, ZG65, vvb6b, vAR82, AW82, ABB+13, ABB+03, ARM+01, ACM01, ATW+08, BCC+16, BH82, CS84, CCG73, CN18, CIJ+10, CBBS90, CKL+13, CJK+13, CRM02, DT08, EWS+13, GR92, GBBM90, GSC12, HVK+90, HHR99, IFB+11, KM93, KFH+06, KLS+05, KKT+95, LPA+15, MCAW95, MN97, Mos61, Ohm10, Osh93, RFC+07, SBG+13, Sch96b, SWC+95, SPR+95, SFH+16, SHDK95, TWX+10, TFL+98, WYF+03, WYS92, YAH+96, ZSY+13, ZFE06].

Applied [Coh87, EHHP67, Jur78, Nor58, PW67, SH57a, Sar91b]. Applying [CPD+09, EG00, GCFW07, OTC14].

Approach [BBC+64, BF77, CAE+76, CHS82, Gor65, HJS88, Ho75a, KMO64, Len58, RS85, ABC+95, AYA14, AR87, BKN10, BMS+17, BTW92, BL15, CHG04, DEG+01, Fer70, HCO74, KRTN+12, KSSC+13, KR6+17, Luh57, NMV+09, RCP15, Rub00, SKSP06, SJZ+15, TWM+14, VJA07, VNT16].

approaches [DJ14, Fra89, MBB+01, SNP06, TSC91].

approximants [Ris72].

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

Approximating [And73, Kep75, Mir69].

Approximation [RK74, AGJA06, MM94, Riv87, Sit87, Wee72].

AQL [ADST78a, ADST78b].

Aqueous [CHBH85, LG88].

Arabic [AFCB94].

arbitrary [MY65].

Architectural [BS95, Sou96, BS06, KL70b].

Architecture [ABC+99b, AK82, ABB64, ABB00a, BLM+92, BBH+81, CdLS92, Co83, CDG83, Ce87a, DLW86, ES92, FGM+83, Gum83, Gy90, HF94, JBO7, LSZ+10, MMR89, Ono93, Pad83, SW83, Tay84, UMK+85, WF87, Wri83, Y999, ARG00, BDN+02, CNV+15, CGB+15b, CPT+08, CBG+09, EBD+95, FPST14, FXB+10, GBC+05, Gsc16, HH86, J14, KdAC+15, LNT08, MSB+04, MMM+97, NAB+15, O90, PVDF95, RD12, RBL+09, SHL07, VTC09, CRD07, HFH94, HJK+01, IMSV10, JMP96, PERW02, SY92].

Architecture/390 [SY92].

Architectures [BGLM09, FH84, BG03, BIK+05, CCF+10, Cla03, Nai02, OTC14].

Archive [BBC+08].

archives [CBK+98, ZW17].

Arcing [HMR82].

arcs [Hof60].

Arcsin [Kog58a].

Arectan [Kog58b].

Area [DO74, FHL+82, Gau77b, HS85, HS81a, CH06, HM01, OCB+90, ST89, Sta89b, Sta89c].

areal
[ABB+08]. Argon [SJ70]. Argonne [CKL+13]. Arise [Rus04]. Arising [Sch63, BK61]. Arithmetic [MLT83, Mur57, RL79, Tom67, WRLA57, ABC+09b, Lan84a, Lan84b, MP88a, PMLA88, Ris76, TLM83, Wai05, WET+10]. Arm [Hea76]. ARMA [HA00]. Aromatic [BMW83, Cas71]. Array [AKK+67, CL74, Dan81, FHL+82, GLL80, JT66, Jon75, MW79, PSS67, RT75, SW98, VPS88, Wei79, Woo75, BGL+92, CRM02, FM75, Fre96, HL72, MLMP+12, MKJM93, SST+98, TSC91]. Arrays [EL80, LBH+75, MW70, Ort84, FJSS89, GM73, JPTW92, KOT99, Mar71, Mor73, PC07, Spr71, WW71, Won90]. Arsenic [BA62, DJ70, JD67, SR71, CG71, GOVC71]. Arsenic-Doped [BA62]. Arsenide [And60, vM66]. Art [CH84, BGL+92, MM91]. Arthur [WM92]. Artificial [Dav58, Gri92]. AS/400 [Ste01, BLM+92]. ASIC [BDN+02, BTP+90, BPS+96, BL98, DL02, EGH+96, HO96, IFB+11, PBK96]. ASIC/SoC [DL02].ASICs [BBD+92, GGKK96, SGS+96, SKB+96]. ASLT [LV67, Lio67, SST67]. Aspects [Ame80, Ano59a, BBMP92, CK79, GFHW82, HHJW84, HO75b, Ko67, Len74, PPS82, SB64, Wat60b, Yas87, HMO81, HHSW01]. assembled [GSAB93, Man90]. assemblies [CGLL93, GLCW93]. Assembly [Doo83, LW77, RBC78, WLPL+80, BRB+07, ESA02, SCH+09]. Assessing [Mar12]. assessment [BISN+12, BJ06a, HE10, PAH+18]. Asset [GA1+16, HZG+16, PRTC16]. Assigned [Ano66a, Ano66m, Ano66o, Ano66p, Ano66q, Ano66r]. Assignment [Bea74, Don69, NRA+07]. Assignments [MT77]. Assistance [FZ88]. assisted [CNS+99, GM69, GMP90, Hes99, JKG69]. Associative [Gab69, JM64, KPST61, MP61]. assumptions [BJW72]. assurance [MCH+82]. Asymmetric [IMC+10, KHLW16]. Asymptotic [Lew73]. asynchronous [HAML+04, ATM [Gla97]. atmosphere [QS67]. atmospheric [Shi72]. Atom [Gom86, KO65a, KM66, FR+E+08, KMK68, KO69a]. Atomic [Ba00, BBS78, Cle65b, Dür94, Fin86, Hun59, LFC95, Mic78, Pan78, Agn02, Sto91]. atomic-level [Agn02]. Atomic-scale [Dür94]. Atoms [Cle65a, Lan86, Cle00, MH95]. Attached [Cro79, DK79, ODA+08]. Attachment [RBWH93, CMIW92, NSO98]. Attack [KS66, ASR07]. attacks [Cop94]. attaining [MDR+07]. Attenuation [Dav79, DSS64, EGS60, Mor62, PL81, Swa59, SS59b, Far82, Lew73]. Attitude [CI76, GHK67]. Attraction [PH81]. attribute [Arb86]. attributes [GA68, PERW02]. Audio [WLK98]. Auditory [Dav58]. Auger [CW78]. Augmented [GFS71, GSAP17]. Augmenting [AAJ14]. Aulin [KL80]. Austin [Ros03]. authentication [CLP+13a, OYHSB14, WSE+16]. Author [Ano92a, Ano93b, Ano94a, Ano94b, Ano95a, Ano97a, Ano98a, Ano99a, Ano01a, Ano02a, Ano03a, Ano05a, Ano06a, Ano07a, Ano08a]. Authors [Ano57c, Ano57d, Ano57e, Ano57f, Ano57g, Ano57h, Ano57i, Ano57v, Ano58a, Ano58b, Ano58c, Ano58d, Ano59a, Ano59b, Ano59c, Ano59d, Ano60a, Ano60b, Ano60c, Ano60d, Ano61a, Ano61b, Ano61c, Ano61d, Ano62a, Ano62b, Ano62c, Ano63a, Ano63b, Ano63c, Ano63d, Ano64a, Ano64b, Ano64c, Ano64d, Ano65a, Ano65b, Ano65c, Ano65d, Ano65e, Ano66a, Ano66b, Ano66c, Ano66d, Ano66e, Ano66f, Ano66g, Ano66h, Ano66i, Ano66j, Ano66k, Ano66l, Ano66m, Ano66n, Ano66o, Ano66p, Ano66q, Ano66r].
SG94b, SJZ+15, SMX+14, TOKN18, Tib93, TMS+01, WZC+10, WLH+17, WP11, WML+16, WNV+02, YGR14, YA90.

**Basel** [RCH+86]. Bases
[ADST78a, MR76a, ADST78b, FHJ04].

**Basin** [EWBR09]. Basis
[Ins77, Lom76, HddTR06]. Batch [BBC+64].

**Battery** [Ste01]. BBr [LD74]. bcc [HBL62].

**BCS** [Ode64, Swi62].

**Beanforming** [Raa76]. beamlines
[SRO93].

**Bearings** [BHT97, BHHO59, Dec90, Gro59, PMLA88].

**Beauty** [FvGM90]. Becoming [DSZ+12].

**Bed** [St79]. Behavior
[Cha62, Col62, East78, Fer75, GR58, Goo62, LMS5, Lev64, Mid65, SM63, WA79, ASR07, BSY+15, Bau72, BP74, BP88, BGL66, BEJ+14, CP97, CF72, CR15, FP73, Ito01, KAF+16, Mor89, SMVK90, Vie86, Vur70, WZC+10, YBF+14, You90].

**behavior-based** [WZC+10]. behavioral
[HHC+18, OIM+13]. Belief [EP86]. Below [St79].

**Belt** [ELZ79]. benchmark
[CP97, GGH+13, GKB09]. Bending
[BP84, LC83]. benefits
[BR09b, Now02].

**Bentonite** [SH63].

**BEOL** [GON+06].

**Berlekm** [Gus68a, Gus67b]. Best
[Cve87b]. better
[EG00, Jaoq3, KL94].

**Between** [CLW79, KLC84, Lew83, Mc87, AAM+07, BBT60, BCT89, Bro94, Bru78, DP13, EC71, KSH+08, Les71, Lew75, Lew12, Mei62, MKJM93, Nef90, Pes71].

**Beyond** [An06b, HHH04, Pad81, RD12, Won02, BFG+06, BLD97, CS03, FKO90, GR90, HND+06, TMF+95, WGF+06, WNV+02].

**bi** [AW82, BS64, Swi75, ZBL+72]. Bi- [Swi75].

**bi-level** [AW82]. Bias [AV76, Dun57b, DMN+59, Ker64, MU77, Fuj92].

**biased** [Yas07]. BiCMOS
[DAC+03, FMP+03, HNS+03, Nin02].

**Bicubic** [DB76]. biflow
[Arn69]. Big
[GRS13, Num09, BFR13, Fre04, MCG+15, OTC14, SMX+14, YMR14, CDL+14, GGH+13, HAG+13, HCG+13, JS13, Mal13, RCP15]. bilevel
[ATL+88].

**Bimorph** [MPD86]. Bin [K77].

**Binary** [AMG+87].

**Binary-Weighted** [Smn57]. binodal
[TMB+99].

**bioinformatics** [EBH+16].

**biological** [ABM+01, Bir01, DBN+17, HgdTR06, NUS14, SPS+06].

**Biology** [BMC86, ACM01, BJ06a, EB06, PMW06].

**biometric** [RCP15]. biometric-based
[RCP15].

**biomorphic** [MPD86].

**biosystems** [PSP06].

**bipartite** [Rus04].

**Bipolar** [CW85, Dan81, FHL+82, Gau77b, KGCS95, ML82, MM82, Goo58, GRS+87, ZFF+06, BEM+92, CCH+81, Fre96, GPL+92, TWF90].

**Birefringence** [SH63].

**birthday** [FvGM90].

**bis-maleimide** [GA88].

**Bismuth** [FK60, HK64, Heb64, JH64, Sch64, SBR64, TH64, Vui64, WS64, YWWK64].

**bismuthates** [BCS98].

**Bistability** [LD74].

**Bistable** [BFT79, LF64, Mos61].

**Bistable-Unstable** [BFT79].

**Bit** [AVR64, BS70, BCF+96, Cor82, GHH+04, RR99, WRC99, TGB+80]. bit/s [GP81].

**Bits** [RK66]. BJ [HMO81]. BladeCenter
[Bar05, VLB+09, BBS+05, CAC+05, DBO+05, FCP+05, HCK+05, HPZ+05, HSL+05, HSCG05, PHCM05, PAB+05, VAB+05]. blades
[HS+05, NMG+07].

**Blasbalg** [An06].

**Blazed** [BC65].

**Bleaching** [Lor70].

**blended** [MBK+15].
Block [Azb88]. Block [Fra79, LP75, Smi77, WF83, ARG00, FGC92, TKG89, TMS+01].

Block-Oriented [LP75]. block-paging [TKG89]. blocking [Gus97, GJ00]. blocks [GR90, NMH+07]. Blodgett [RSS82].

blood [LPPT86]. Blue [ABB+13, BSJ+13, BBK+08, BCK+13, CCD+13, CP+13, 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, BHG+05, BHD+05, CBB+05, CBC+05, EFR+05, FRE+08, GBC+05, GZE+05, GBB+05, HBB+05, IBP+05, LKFU05, MSW+05, MAA+05, OBB+05, SPP+05, WAB+05].

BlueStar [NMV+09]. Board [BAH82, BCRW82, CC76b, ABM88].

Boards [BDWZ83, LDL84, MS60b, BBMP92, Cha88, GA88, Pau89, Whi93, WGC93]. body [BKB76, BMPS91, FRE+08, RJ01]. bodg [Now02]. Bohr [Mer04]. boiling [Okt71].

Boltzmann [BSHM01, OD17, Pri66]. bond [HRWZ87]. Bonded [CN79, Tan74].

Bonding [HL83, Bag94, Dus71, HSH+88]. book [CHMW07, WGS94].

Boolean [DCB77, DC73a, FTY83, FJSS89, (Ga57, Mar64a, OH74, RW59, Rot60a, Rot60b, RK62, SBH82].

BooLeDozer [SKB+96].

Booster [GHK67]. bootstrapping [SS00].

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

Bound [Gri60]. Boundaries [KWB88, LC80, AG72, CDM89]. Boundary [BTP+90, Far87, Lee77a, Me62, Pim76, RVV88, RS67, SSG69, TT74, BS71b, CP72, JS89, RS66]. Boundary-Layer [RVV88].

Boundary-scan [BTP+90].

boundary-value [BS71b, CP72]. Bound [Fra80a, Fra82, PH81].

Bounds [DH73, FL75, LF77, Rls73, Don69, MM94].

Bragg [MJ69]. Braids [BS06].

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

brain-machine [MYKK+17]. Brain-scale [DLJ+08]. branch [HHR99].

branch-prediction [HHR99]. branched [KSH+08]. branches [LT95].


Breakdown [KO65b, KO66, SARG80, SAR81]. Breaker [Ano58e]. Breaking [GBW+09]. brick [FGH+06].

Bricks [WGF+06]. bridge [SNA02]. Brief [Sta85a, GMR10].

brigade [HCL72]. Brightness [ON60].

Brightness-Voltage [ON60]. Brillouin [Spe69].

Bring [CLP+13b, JKB+13, DFF+15, HBB+05].

bring-up [DFF+15, HBB+05].

Bring-Your-Own-Device [CLP+13b].

Bringing [OYHSB14].

Broadband [BDHH+09, CRD10, CS03, JB07, LJ+07, PBBL07, RWW07, RG09, SHL07].

Brownian [RVV88].

Brute [DB01].

Bubble [AVS76, BL62, CERS76, CLW80, CC76a, Sch75, WV76, BK76, BBP72, BW81b, CCG73, Lin76].

Bubbles [CH76, JHH+81, MW62, Okt71].

bucket [HCL72].

budget [KSB07].

budgeting [LB07].

budgets [PKXK07]. Buffer [CW77, FLW78, SL76, TUE76, VLT+12].

bug [SKS06].

build [AKR04, BCK+05].

build-up [BCK+05].

Builder [HKM+86].

Building [ABD+16, Ju78, KFH+06, KMM+16, KAA+18, NMH+07, ACFS16, BCC+01, FGC92, HSS+10, NMV+09, TMS+01].

building-block-based [TMS+01].

Built [FPS66, KS90, CNV+15, HMP90, RB90].

Built-in [FPS66, KS90, HMP90, RB90].

Bulk [Cha74, Pai69, Sta75, GC68].

bumping [GBB+05b].

buoyant [Fra71].

Burning [GHK67, VM79].

 Burst [CT65, Wya64, Gor63].

burst-error [Gor63].

Bursts [MG63a, Meg60].

Bus [GPE99, HS81a, SLC+97, RKW99].

bus-driven [SLC+97].

Business [ADF12, Luh58b, Pul07, RM10, SH57a, CKE+10, DDDK12, Den80, DCC+17, DKL12, FvGM90, HSS+10, MD12b, SKP+15].
TCP +16, Vay12, WAB +09, ZBG +10.

**BYOD** [JKB +13, CJK +13]. **Byte** [Pat86, DMR +81].

C [Ber76a, Wie76, CFK +91, FL89]. **C4** [DWA +08]. **Ca** [BPL +89, Mat70]. **cable** [DDA +93]. **cables** [Das +94]. **Cache** [FHV80, VMH +83, BGAJ94, BM96, BBC +12b, CT06, DGL +97, FLMKS06, MBJ +07, MWS09, MMR89, Mat89, MI101, SG94a, SSD +15, Thi88, TM8 +99, VH81, WMB +15]. **cache-miss** [Thi88]. **caching** [SMC +14]. **CAD** [CS84]. **Cadmium** [Mas62]. **cage** [HDW +07, SBC +12, WBH +04]. **Calcium** [SS61]. **Calculation** [Bet74, Fro84, KRC68, LS78, Mar64b, Ove70, MM75b, RE71, Shi73]. **Calculations** [Hut74, KO66, KM66, Phi78, RS85, SM63, Fret96, Led71, Rue72]. **Calculus** [Rot66a]. **calibration** [Vie86]. **call** [LPMDG14]. **calls** [Lon77]. **Calorimetric** [Map62]. **camera** [LPA +15, MHW95]. **campus-wide** [RBB +11]. **Campus** [RBB +11]. **Can** [Goo58, Gria04]. **Cancer** [Pic87, OMA +96]. **candidate** [BK95 +08, CCFB +12, MKW +12]. **Cantilever** [BP84, SST69]. **Capabilities** [CBBS90, AAB +05]. **capability** [CCC +15, FDS +13]. **capable** [RHC73]. **Capacitance** [AO60, CB85, FT77, Mar64b, GAOD71, KMK68, KO69a]. **capacities** [Sho04]. **Capacitor** [DK67, FMP01, Has62, Has66, HOWP92, KBS +99]. **Capacity** [ABG +09, MT77, LSS14, Sho04]. **CaPd** [WTP64]. **CAP1** [SBJS15]. **capsule** [SR71]. **capture** [KBF +04]. **Capturing** [AC92]. **Car** [BBK +08]. **Carbide** [Rut64]. **Carbon** [CSY79, HG83, LY83, SCH +09, GMP90, Gria99, KLE71]. **Carbon-13** [LY83]. **Carbon-Loaded** [HG83]. **Card** [FMP01, Has62, Has66, HPZ +05]. **cardiac** [NNN +06]. **Cards** [Has62, RBWH93]. **care** [EEM15, SSB +12, TOKN18]. **Carlo** [Ken61a, LFF90, MNR86, MS96]. **carpal** [BC00]. **carpool** [FW83]. **Carrier** [FT64, Hai85, KO65b, ATW +08, LDSA02]. **carriers** [KAB +05]. **Carry** [Car60]. **Carrying** [Kuh88]. **Cartridge** [WCB +86].

**Case** [Keh65, KGF77, MDH +12, DCC +17, HMO81, Hof60, LB07, SSK +14, SthN13, DL11 +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** [EPP10]. **cause** [Pon17]. **Caused** [Boe69]. **caustic** [KJP11]. **CC** [KFB +97]. **CC-NUMA** [KFB +97]. **CCITT** [WZ78]. **ccNUMA** [BCC +01]. **CSS** [SS87a]. **Cd** [Tit63]. **CdCr** [FA70, Kus70, WB70]. **CdIn** [WB70]. **CDMF** [JMLW94]. **CdS** [Boe69, MSW96]. **CECSIM** [vBBE +02]. **Cell** [BV78, Gar57, LS78, RWC80, TSH92]. **BCC92, DMR +81, EB06, HRG80, JS72, KBK +97, Lee77b, BDH +09, CRD107, JB07, KD10 +05, LJ10 +07, NMI +07, PBBL07, RWW07, RG09, SHT27]. **Cell/ B.E.** [NMH +07]. **Cells** [GMW80, LJ92, NFB +00]. **CellSs** [PBBL07]. **Cellular** [HMP90, Pie87, SG94b]. **Cement** [MS76]. **Center** [Pub07, BCG +09, CPD +09, KDG15, LPMDG14, MI10, SCI05, SBB +09, TFJ +96, WH94]. **centered** [BMS +17]. **centers** [BNSG09, BSRM09, HvKI +09, NMV +09, S09, VRA +09]. **Central** [Ch075, Col59, SC75, PBB +04, TBB +09]. **Central-Force** [Col59]. **centralized** [Yar12]. **central** [BCE +07, DF15, HLZ +09, Sha12, ZBG +10]. **Century** [HCTS81, JS81, HBP +81, TMF +95]. **Ceramic** [BB82, Gou89, MKW +05, YCB05]. **ceramic/copper** [KTK +92]. **ceramic/copper/polyimide** [FSZ92]. **Ceramics** [BW83, Vie86]. **CERN** [BO69]. **Certain**
OHWR88, OS99, SS78, SY73, Twa85, KT70, LKY80, SFG.
SLA.
DFaDNS98, GNF06, Lai08, LPA+15, SLA+15, SFG+06, SPP07, WHK+09.

Chamber [Cha73b, MN67a].

Championships [BHP17].

Charge [Sou64, CTD+16, DDDKW12, DSZ+12, KMB+08, RBB+08].

Channels [CC76a, Lew83].

Character [Dic60, WR83, YG81].

Character-Recognition [Dic60].

Characteristics [BKK80b, Cre58, GLS67, JH80, KMCY82, LS78, OPR+78, Pea69, Roe66, TDM+87, UL70, WS75, WW71, BBO9, Bru76, CDS73, CD500, EWS+13, HRW69, ILH03, Kah71, KGD15, MMR89, PH81].

Check [AT00, Ano05c, AGAP63, AEE77, Bar73, BBCV80, Esao62, GGA8, GCS1, MMR+05, OHWR88, OS99, SS78, SY73, Twa85, YDHS78, ATW06, ATW+08, ABM88, BSI+13, CPTW98, DAA+93, DKS+95, GLG+99, Hoff60, KB06, LBT97, Luc99, WGC93].

Characters [Cas70, CIEHL78, GKH057, Yha75, DDM98, HM171].

Charge [CH74, DYHS78, Gra80, Kau81, LMD70, Mag73, MS60a, Sch62a, SS78, Sch96b, TY64, Fre96, HCG69, HCL72, HR800, Lec77b, Pat73, TGB+80, Var89, WYS92].

Charge-Coupled [CH74, HCL72, TGB+80, WYS92].

Charge-metering [Sch96b].

Charge-Transfer [Gra80, Kau81, Var89].

Charged [Fre79].

Charging [FBW77, DG93, DXZS13].

charging-point [DXZS13].

Chargistor [Yu61].

Charybdis [HHH04].

chassis [BBB+05].

Chebyshev [FXL01, MR72].

Chebyshev-expanded [FXL01].

Check [Ahn79, BB94, Irv01].

Checkers [Sam59, Sam67, Sam00].

Checking [Pet58, PR59a].

Chemical [BBKW86, Chau9, Cle81, CK79, HHSW01, Ito97, Ito00, KEJ87, Lu86, Lun79, WKB+86, Bao90, CMC+95, CNS+99, GMP90, GPL+92, Lu99, Ngu99, YAJ90].

chemical-mechanical [GRL+92].

Chemical-Vapor-Deposited [KEJ87].

chemically [HHSW01, Ito01].

Chemisorbed [Dem78, Lan86].

Chemisorption [BBBS78, Win78].

Chemistry [CFG64, CD58, Hir77, KT84, KJSG+88, Spr61, FLE69, HMK08, Okal9, VBD00, YAJ90].

Chess [NSS58].

Chess-Playing [NSS58].

Chief [Mey03, Pea09].

China [CXZ+17].

Chinese [NBF+00, Yha75, YG81].

Chip [ABB+99, BM84, BGR82, BE85, CW83, DKN87, DB82, HCY84, JH80, Kua95, ML82, OSt84, SW98, Ver80, Wuo75, AEZ84, AUD+98, AT+88, BBD+02, BAE9, BAB+13, BHD+05, BCKC92, CDC96, Cla03, CU98, DWA+08, DTH92, DDB+02, DKS+95, DTTK95, ESHM95, EKO8, FWR+11, FDS+13, GP06a, GMS05, GWRS90, HBB+05, HHSR96, He90, HAMC+04, IBP+05, KAB+05, LFR05, MYKK+17, MRR95, Mat89, Mil69, Mil00, MTB+90, Nai02, NFS+17, NBC03, OCB+90, OBB+05, SAT+08, SST+98, SP90, TFM+08, IBM13a, VWP90, VLT+12, WAB+05, WYF+03].

chip-stacking [SAT+08].

Chip-To-Chip [JH80].

Chip/Card [BM84].

Chips [BFL66, Cle83, LHW81, SM80, BEM+92, CBB+04, CAC+95, KBK+97, LDT2, Okt69, SWF+09, SHR+09, SNA02, VTMB+90].
chipset [KBG+09]. Chlorin [VM79].
Chlorine [Lev64]. Chloro [SL66].
Chloro-aluminum [SL66]. chlorobenzene
[CH82, HMM82]. choices [SON+91].
Cholesky [GJ00]. cholesterol [MD12a].
cholesteryl [VBM71]. chopped [WSBL90].
Chromium [BBKW86, KS66].
Chromium [KB06, KCA66].
chromodynamics [VBC+08]. Cil [Ghe80].
circles [Nef90]. Circuit [Ame80, BDWZ83, 
BDMW81, BGK+80, BFL66, BAH82, 
BBH+67, BHWZ63, CW85, Dan81, ESA62, 
FT80, Gun66a, HHSR96, HS61, Kar74, 
KCO06, LLD84, Man85, Rot74, Rue79, 
ST67, Ser82, STCR84, SWC+97, Sta83, 
Sta84a, Sta85b, Sta87, Str59, Wal57, Wal58, 
ADH+00a, ABM88, BJM+06, BBMP92, 
BGL66, Cha88, CNC80, HJ88, JH80, KW83, 
MW80a, MT64, Sta84b, Vi82, AHW+99, BJM+06, 
BGM+16, BB09, BB+14, CTD+16, 
HBT+16, ISV16, JDBP10, KMM+16, 
LSZ+10, MWL+14, NRD+09, OEN+16, 
RBL+09, SHV13, SM16, SIKdL16, WML+16, 
Yar12]. Cloud-based [YGR14].
classifiers [RLP14]. Classifier [BCD+15].
clauses [dTGHC92]. Clean [IM57, Jon65].
cleaning [HBC+99].
Clearance [Bau63]. Cleaved [FP86].

Clebsch [Rob67]. climate [DT08]. Clinker
[MS67]. Clock [FS88, BH95, CDM92, 
HAMS+04, MWW+07]. Clocking
[H075b, Okt03, Sea57]. clocks [DS+92].
Closed [Mar60a, MS67, RK75, BSSZ76, 
KRC68, Lam77a, Mat03, Moo72].
Closed-Cycle [Mar60a]. closed-form
[KRC68]. closed-loop [BSSZ76]. Closing
[BCH+16]. cloth [Oht95]. Cloud
[CJJ+16, GRB+16, HG14, YGR14, ABD+16, 
BWT+14, BCC+16, BCG+09, BCH+16, 
BGM+16, BB09, BB+14, CTD+16, 
HBT+16, ISV16, JDBP10, KMM+16, 
LSZ+10, MWL+14, NRD+09, OEN+16, 
RBL+09, SHV13, SM16, SIKdL16, WML+16, 
Yar12]. Cloud-based [YGR14].
classifiers [RLP14]. Classifier [BCD+15].
clauses [dTGHC92]. Clean [IM57, Jon65].
cleaning [HBC+99].
Clearance [Bau63]. Cleaved [FP86].

Clebsch [Rob67]. climate [DT08]. Clinker
[MS67]. Clock [FS88, BH95, CDM92, 
HAMS+04, MWW+07]. Clocking
[H075b, Okt03, Sea57]. clocks [DS+92].
Closed [Mar60a, MS67, RK75, BSSZ76, 
KRC68, Lam77a, Mat03, Moo72].
Closed-Cycle [Mar60a]. closed-form
[KRC68]. closed-loop [BSSZ76]. Closing
[BCH+16]. cloth [Oht95]. Cloud
[CJJ+16, GRB+16, HG14, YGR14, ABD+16, 
BWT+14, BCC+16, BCG+09, BCH+16, 
BGM+16, BB09, BB+14, CTD+16, 
HBT+16, ISV16, JDBP10, KMM+16, 
LSZ+10, MWL+14, NRD+09, OEN+16, 
RBL+09, SHV13, SM16, SIKdL16, WML+16, 
Yar12]. Cloud-based [YGR14].
classifiers [RLP14]. Classifier [BCD+15].
clauses [dTGHC92]. Clean [IM57, Jon65].
cleaning [HBC+99].
Clearance [Bau63]. Cleaved [FP86].
co-simulation [SMP+04]. co-verification [KK92]. Coal [Sti79]. Coated [CHBH85].
Coating [Was77]. Coatings [Ros78, LG88]. Cochlear [Ins77]. CODA [FPST14]. Code [Bea74, BMS80, Chi86, KLS66, Mar80, Mel60a, PH74, Pat85, WF83, Glä97, Gyg08, KL97, Mye72, TAE+07]. Coded [Voi65, GYK99]. Coder [GCPVG85, PMLA88, SM98, MP88a, MP88b, PM88].
Codes [Ano93f, BD62, Bla79, CR76, CH84, Cro70, Fra82, Gri60, HO75b, Hsi70, HBC70, LM80, Mar61, MLT83, MG63a, Pat70, PR59a, Rog66, SS59a, Ull65, Wyn64, Gor63, How89, LKY80, Mac60, Meg60, Mel60b].
Coding [Fra70, Fra79, Fra80a, Fra89, HP63, Kob70, MD65, Pip79, RL79, Win62, BK74, Dan82, Fra80b, KT70, KB74, Lan84a, Lan84b, MP88a, Pat89, Ris76, TLM83].
CoFe/MgO [JWSP06]. Cognitive [BR17, DCC+17, KAA+18, RCP+16, SN15, WSC+17, MBK+15]. Coherence [CGR88, KH88, DY89, NNMJ01].
Coherency [Fan64]. Coherent [But88a, Gef88, Loy79, RS69, SB62, SJ815].
collaborative [PMS+17, RK15, WYF+03].
Collapse [How82, GoL69, MiL69, MiL00, NL69, Okt69].
collapsing [PV93]. collection [DSR98, WC09]. Collector [Ken61b, MW79, Rut57, ZCK71].
Collision [HS81a]. Collision-Free [HS81a]. Colloidal [CHBH85, MSG+01]. Color [Ano59n, BJS80, Far83, FLCB85, Kan78, KFYU92, LMT84, San83b, LL98].
Column [CERS76, His70]. Combination [WC69, BL15]. Combinational [Eic65].
Combinatorial [Kuh60, Luk75, Tue60a, 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, HHR99, Irv91, KEL+00, JMLW94]. commitment [BBSW97]. commitment-revision [BBSW97]. commodity [BCC+01].
Common [DB82, Bus71, CBV08, HKLM97, HB73, LH03]. common-core [Bus71].
common-mode [HB73]. Communication [Ahn80, Ano58f, Cha75b, CR76, Ch60b, CW77, GRT74, MT77, MFT77, SL67, Wic58, ZST+07, dG58, AGZ94b, AEH+04, DAS+94, ESW+95, FMP+03, GBRJ05, Irv93, Irv01, Pig88, SJW+16, Tho70, TJHK03].
Communications [And65, Ano66j, Bla65, BS81, Str83, WZ78, WES78, JGD+08, MZS+03, PK03, Ung72].
communities [MDMN10]. community [LH03, SXW+13]. Commutator [Dun57b, Wal58].
Compact [Mar80, Bra94, MN90, WSK+93].
Comparison [Ano66j, Bla65, Boh73, BBT85, Bru78, Mat03, MW79, SB78, SH82, Fra89, GHN04, MD12a].
Comparisons [SLHM67]. compatible [DTTK95]. Compatibles [Mar64a].
Compensating [Ins77]. Compensation [Mee67, Phi78, KSK98]. compensators [GB71]. competition [AUW+09, Sav69].
complementary [DMM+81, PMW06].
Complete [Dub72, MR76a, Moe60, Hof60, Koz81b, Koz81a]. Complex [Cle81, CS65b,
complex-arithmetic [Wai05]. Complexity [CLW80, HP84a, HS11, NSS58, Sav70, Kri82, Pip81, Pip87, SS86, ZBBB17].


Compounds [BMW83, BTH62, CK79, CGHK77, KSF90]. comprehensive [BCH+16, vBBE+02]. compressed [FHPR01, FR01]. compressed-memory [FHPR01].

Compression [LP75, TLR85, AGJA06, ATL*88, BK74, BL98, CDC96, Cra98, Kam98, KB74, Mar98, MRG99, SLJ+15]. comprising [AKRS04, CBB+04].

Computation [Ben73, Ben88, BJ67, Cle72, DHM75, Dub83, Duk90, Eli88, FL75, Ho75a, Kog57, Kog58b, Kog59, LF77, Lev66, Mar90, MY67a, MY68, NQ78, Ben00, CW58, CN94, FKL*08, Gha97, Mer04, NLP17].

Computational [Bla88, CK17b, Jan89, Moo72, NNN+06, PCW+17, RK75, ACM01, AUW+09, BH11, Her72, HMK01, TMS+01, VRA+09, HMO88].

Computations [BRR79, Cle65a, NB61a, Sak79, Cle60, FAFL91, Pip87]. Compute [ABB+91, IBM13a, BHD+05, EBH+16, HBB+05, OBB+05].

Computer [Ana80, Ast67b, BDWZ83, BS81, Ben59, BAH82, BL69, BWZ63, Cha73a, Cha74, Cha75b, CDW75, Cho75, Cle81, Col69b, CC76b, CD85, CA01, Dah63, Dav82, Dec90, DLV86, Don81, FPST14, FCH70, Fla81, FE75, GL87, GMW80, HS85, HIF69, HLS81, HSC82, HCTS81, Jan81, JKG69, KKS+73, KL63, KO70, Kog57, Kog58b, Kog59, Kog67, Kra81, KP80, LG78, La80, Len58, LW77, LS69, LV62, MFT77, Pet76, Rot66b, Rue79, Sch81, SSL73, SLG78, Sch96a, SB86, SW67, Sve78, SG64, TW62, Tod78b, Tue68, WF87, Wes90, Wir83, AGZ94b, Ano70a, Ano71, AHJ+57, ABM+01, Bau72, BK61, BH90, BS91, Bu02, DH69, EGH+86, FL69, GR92, GM69, HKV+90, Ho73, Irv93, KLRS96, Led71, Mat98, Mol69, MS89, Nai02, NDM+04, Oka69, PW72].

computer [QS67, RSS91, Rub90, Sta75, TFJ+96, Tho70, WC69, ZCM+96, GFS71].

Computer-Aided [Rue79, SLG78, Dec90, FPST14, FCH70, Sch96a, Ho73, KLRS96].

Computer-assisted [JG69, GM69].

Computer-automated [KL63].

computer-based [PW72].

Computer-Controlled [BDWZ83, KKS+73, HIF69].

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 [AS74, CGH+17, HM87, MR14, Nus77, AHH+91, BBPS91, BB09, BJO6a, CBD+09, DPP13, FGG+13, Fro71, IMC+10, JDBP10, KSA+04, LDJ+10, Lan61, Lan00a, MC09, NRD+09, PWW13, RAG11, Rit13, RBL+09, RLP14, SHV13, SN15, VLB+09].

Concentrating [Hov78]. Concentration [Col62, Bar66]. Concept [Gha75a, Joz04, KBF+04, RK15]. concepts [DHK00, Kuns92, SCC+15].

Conceptual [CA84, FLDC86, Sow76, SW86, VPD88].

Concerning [Coo62, KW62]. Concurrent
Concurrently [CNSS12].

condensation [ESA02]. Condition [Rob67, MY65, Mir61]. Conditional [SJ98].

conditioning [LGBV17]. Conditions [Lan66, LL83, SSG69, AG72, Sug59].

Conducting [Ang01, BMW83, CSS83, SC81]. Conduction [BB82, But88b, CHS82, DA77, FK60, Lan88, Lehr64, OK82, PW82, Pri58b, Pri60, Sch94, SARG80, SC88, Whi93, BRB92, HOP92, KLM+91, Lan57, Lan96, Lan00b, LMPP69].

Conduction-Cooled [OK82]. conductive [NSOO98]. Conductivity [Bay69, CJT62, CFH64, ET70, ODR70, Was88, CNC+08, Kahn71, MNS69, Nes98, Pai69, SNM69].


conformable [Lin76].

conformable-contact [Lin76].

Conformational [Cle81]. Conjugate [RV89, CW72]. Conjugate-gradient [RV89]. Conjunctive [(Ga57]. Connect [LCB93, GLCW93, CGLL93, Cor93, Mah93, RBW93]. Connected [MS87, SN87, FGH+96, KMO+14].

Connection [DKR12, FG92, GLO92, How82, NSOO98, VHS1, CdLS92, ES92, Tag90]. Connections [FHL+82, Kur57, BRB92]. connectivity [WYTO04]. consensus [MN70].

Considerations [AKK+67, BS84b, CT82, Coo62, Cor84, GS82b, LST80, Pad83, RP78, RGL75, CGLL93, GH96, HBB99, JL99, 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, CFF+07, Fra89, Fra02, Ju69, TLM83]. Constraint [Coo90, Lan77b, RMM03, VLKW14].

Construct [Paz75]. constructing [ADG+92b]. Construction [CW86, Fra82, KMC+11]. constructs [BS06]. Consumer [SMSC14]. Contact [CEHL78, DG93, GRST87, IM57, JW82, RWC80, TDM+97, BNSG90, Lin76].

Contactless [VCP80]. Contacts [Ove70, SGC+87, BS71a, BCT89, KSH+98].

Containers [ABD+16, BBK+16].


Contents [Ano57j, Ano57w, Ano57x, Ano57y, Ano57z, Ano58g, Ano58h, Ano58i, Ano58r, Ano58s, Ano58t, Ano58u, Ano59e, Ano60g, Ano61e, Ano62d, Ano63e, Ano66g, Ano66h, Ano66l, Ano67h, Ano67j, Ano67k, Ano67l, Ano67m, Ano12l, Ano12i, Ano12j, Ano12k, Ano13d, Ano14i, Ano15i, Ano16c, Ano16e, Ano16g, Ano16h, Ano17d, Ano17e, Ano17f, Ano18b, 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 [Ano66b, AAC+06, BGS64, PR65, CDSW06].
EGH +86, Gre59, MHW95, NBF +00].
continuum [ABM +01]. contour [GMNE63, Kep75]. contract [BBSW97].
Contrast [Dav79, Kov59, RDD +98, DP13, KJP11].
Contribution [Key61a, MR14].
Contributions [BS81, Sam81, Sor79, Sor00, Gar00].
Control [Ast67b, BS84a, Ben59, Bla59, Bla79, BT67, Bud67, CL64, CAE +76, CW77, Cle83, CI76, Dav77, DB76, FLS78, Fre67, Gil84, GKH67, GMT57a, GMT57b, HBB +05, HMK +86, KST58, LHW81, Len58, Log70, LMD70, May85, MS67, RR83, Rob67, San83a, SH57a, SSL73, TL70, War63, Yas85, Yas87, ADS72, AAB +16, BEK +02, BSSZ76, BW72, BTW72, BM68, BM96, Cal70, CAC +95, CDD +10, CH82, Cov92, FS82, IMC +10, KL97, KL94, Lew78a, NNMJ01, Oka69, Pat89, SG94a, SBB +09, SCW10, Stu70, Tho70, WGS04].
Control-Word [Bla59].
Controlled [BDWZ83, Boe69, How82, KKS +73, LW77, Mi169, Mi100, NW64, Dur70, Gol69, Gre60, HHF69, Nic92, NL69, Okt69].
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]. converser [HB73]. convertor [BW81b].
Convex [AW76, Dim78, Dor60, JP94].
Convolution [AC86, Coo82, BSRG17, Kri82].
convolutional [SP17].
convolutions [Nus76a, NQ78]. cool [ESA02]. Cooled [NHH91, OK82, BBMP92, BRB92, DGG +92, GGRW91, HaJ91, KLM +91].
Cooling [CHS82, CAC +05, DGG +92, GZM92, GKMP04, SN02, SAB +02, TBG +15].
cooperation [AUW +09]. Cooperative [JKB +13, KW62, Mor79]. coordinate [MN90]. coordinated [EEM15]. Coordinates [KKS +73, RSL +70].
Coordination [DSS +92]. cope [WN92].
Copenhagen [Mer04]. copier [BHRS72].
Copolymers [Sm77]. Copper [ADH70, AGLM85, JC63, KWJ-J84, ADH00b, AUD +98, DKA +05, GB93, JK93, RKL88a, RKL88b, SD71, VB205, YCB05].
Coprocessor [ECD +99, YS99, AV04, ABC +12].
Core [Bru78, FP57, RRSW61, WWLF67, AF99, Bus71, CNSS12, KM +98, SL09, SVE +15].
Correcting [ABB +85, CR76, CH84, Gri60, SS59a, Mac60, Meg60]. correcting/detecting [AC84]. Correction [Bos70a, BS70, Dah63, ELMR77, GSC80, Mel60a, PL81, Par80, SHF65, Bos70b, Gor63, Mel60b, OCT68].
Correctness [PS80, PW68]. Correcting [Bar74, PV93].
Correlated [Lik88]. Correlation [Lew83, Sta87, Wst60a, Fil70, Pes71, RRM17].
Correlative [TG91]. Correspondence [WF87]. corresponding [Swi62].
Corrosion [BFH +93, GC86]. Cortical [UC02, LRNS17]. COSFIRE [GSAP17].
CoSi [Tu90]. Cosmic [ZS96, ORT +96, Zie96, Zie98].
cosmic-ray-induced [Zie96]. Cosserat [Bog79].
Cost [BGR82, HBC +99, SCYK78, AP69, FN95, GBB +05, HSS +10, Irv93, KBA07, LRM79, LCHL95, VMS +14, VNT16].
Cost-effective [HBC +99, KBA07].
cost-sensitive [VNT16]. Cost/Performance [BGR82]. costs [KLHW16].
Counter [Car60, Spr63, ZG65]. countries
[AKNR10, SGESR10, YGR14]. Country
[HS14]. Coupled
[Cha62, CH74, CP63, Gra80, GC81, HO75b, MT64, AF68, HCL72, JS72, NLP17, Pat73, PK†+09, SV92, TCP†+16, TGB†+80, WYS92].

coupled-systems [SV92]. Coupling
[Bla63, GE02, SPS06, Sur15, Swa60, Far98, HRW69, Jou98]. Courant
[Lax67]. Courant-Friedrichs-Lewy
[Lax67]. Covalently
[DK79]. Cover
[Ano11, Ano12b, Ano12a, Ano12c, Ano12e, Ano12f, Ano12g, Ano12h, Ano13a, Ano14c, Ano14d, Ano14e, Ano15b, Ano15c, Ano15d, Ano16a, Ano16b, Ano16c, Ano17a, Ano17b, Ano17c, Ano18a, Ano13b, Ano14a, Ano14b, Ano14f, Ano14g, Ano14h, Ano14i, Ano14j, Ano15a, Ano15c, Ano15f, Ano15g, Ano15h, Ano16d].

Coverage
[BH82, EL83, LMD70]. CR
[MU77, WB70]. CR-Doped
[WB70]. CR-SiO
[MU77]. Crack
[CS65a]. Cracking
[DS65]. Cracks
[Keh65]. Crank
[Fla65]. Cray
[PBK96]. CRC
[Gla97, Irv01]. CRC-32
[Gla97]. Creation
[Luh58a, GGH†+13, GMX14, RSS†+15]. Creep
[BBT79]. Creeping
[MW67]. crew
[VJA07]. crew-scheduling
[VJA07]. crises
[PSD†+17]. CrisisTracker
[RVT†+13]. CRITAC
[TSNF88]. Criteria
[Bra64, Pol86]. Criterion
[Pis74, Bra68]. Critical
[CDM89, Fre96, Sch89, Swe62, PTRC16].
crop
[BK†+16, NT72]. Cross
[Gra80, JS72, Pat85, Les71, MMJ69, TT98]. Cross-Coupled
[Gra80, JS72].

Cross-Parity
[Pat85]. cross-sectional
[TT98]. Crossed
[MW70]. Crossover
[Gef88]. crosspoints
[RTL69]. Crosstalk
[PL83, LL98]. Crowdsourced
[RVT†+13]. Crowdsourcing
[JQB†+09]. Crucibles
[CSY79]. cruise
[CPvR00]. Cryogenic
[Ros59, Bro72, Pat72]. Cryotron
[Bre60]. Cryptographic
[ADH†+07, ECD†+99, SY92, YS99, AV04, ABC†+12]. Cryptography
[Cop87, Cop00b, BAB†+13, Sna04, VDO14].

Crystal
[Boy60, BS64, CFG64, Dav77, DC82, Fre62, McG92, Mee67, SW98, WTP64, APOI92, AIH†+98, BH89, CJ87a, CJ78b, GI88, How92, KFYU92, LL98, LCL†+98, MRH89, NSOO98, RRD†+98, SST†+98, SS00, TSH92, TCH98, WWA†+98, Yan71].
crystalline
[WTS†+11]. Crystallite
[Seg62, Smi60]. Crystal
[Boy60, BS64, CFG64, Dav77, DC82, Fre62, McG92, Mee67, SW98, WTP64, APOI92, AIH†+98, BH89, CJ87a, CJ78b, GI88, How92, KFYU92, LL98, LCL†+98, MRH89, NSOO98, RRD†+98, SST†+98, SS00, TSH92, TCH98, WWA†+98, Yan71].
crystallographic
[LAX67]. Crystallography
[ALX67]. Cryogenics
[DSZ†+12]. Cryogenic
[DSZ†+12]. Cryogenic
[DSZ†+12]. Cryo
[CPvR00]...
Cyranine [Lew78b, Mer78].
cycle-simulation [VMG99]. cycle-time [MDR+07]. cycles [MIH01, Mat03]. Cyclic [LCH74, LM80, Mel66a, Uli65, WyB64, BB09, Gla97, Gor63, IrV89, IrV01].
cybot-redundancy [IrV89]. Cycling [RHC73]. Cyclotron [DV64]. cylinder [Jan69]. Cylindrical [BBT83].
Cylinders [BBT83, Cylindrical [BGT74, Ken61b, KG63, Zab79, LC83].
Czochralski [LL83, MCF82]. Czochralski-grown [MCF82].
D [DWA+08, EFR+05, EK08, KYY+08, RG09, SAT+08, Sch67, SJMBK08, ZVW+11].
D-Chains [Sch67]. dairy [LZZ+16].
Damage [HD69, Fon99]. damascene [VBDA05, AUD+98]. DAMOCLES [LFF90].
damper [LFF90]. Dark [DA77]. DASD [KLRS96]. dashboards [YMR14].
Data [AC64, And65, ADST78a, AHN+03, BJS09, Ber76b, BL98, CAE+76, Cha75a, Cla03, CPCC18, CMW92, CDH64, Cro79, DSW63, DG84, DC73a, DGB78, DAU91, DMP59, Eas75, Eas86, EKMW64, Fal70, Fan83, FLCB85, Far91, GLS74, GLP76, GSH74, GHK67, God74, Gri69, Hal76, HLZ+09, HF78, Hop59, Hop61, HP84b, JS81, JMLW94, Kan78, Kob70, LS76a, Lew80, LS76b, Lone77, Lon80, LN79, Low78, LSH76, McG81, MH98, Mul74, Mur57, NB61b, PRTC16, Sow76, SW74, Tas57, Wal58, WW75, Wy76, ARG00, AKR04, ASR07, ADST78b, ATL+88, ABB+00b, BK74, DBM114, BCG+09, Ber76a, BGL07, Bev69, BFRT13, BKM+69, BC18, BMS+17, BL15, BBI94, BBC+08, Bro72, BSRM09, Car10, CGM+15b, CP13, CN18, CDC96, CN71, CPO+09, CNSS12, Cor69, Cra98, DF15, DBK82, DCB77, EB06, EOH10].
data [ESW+95, FGG+13, HP01].
GZE+05, GDL14, GAB+08, Gra71, GRS13, Gus03, HvK+09, HTH+09, HRF+17, HKD06, IMC+10, IrV93, KBJ+18, KBF+12, Kan15, KCML13, KOP14, KB74, KBF+04, Kon69, KSSC+13, KDG15, KSA+04, Kri82, KACS95, KRS+17, MTF+95, MYKK+17, MA96, MeC94, MCG+15, Mel60b, MAD+98, MI10, NMV+09, NMT14, OTC14, OOL+12, PMS+17, PK03, PR71, PMW06, Rei69, SG71, SCI05, SI09, SG94a, SBB+09, SNA02, SLJ+15, Sto91, SMX+14, TB00, TG91, TJKH03, VMAB18, VRA+09, Wie76, Yas07, YMR14, YR91, CDL+14, Cop94, GGH+13, HAC+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 [FGG+13].
Data-Recording [SW74]. Database [Eas78, FLW78, Fag77, LDSY91, TPF91, Yv86a]. Dataflow [PMS+17]. datasets [GDB16].
DataStores [CFN+08].
Davidenko [Bre72]. Davidenko-Branin [Bre72].
day [DSS+92].
Decay [DB79, SG71].
Decimal [DDZ+07, Gri90, SKC09, WET+10].
Decision [KT73, Pet77, RS59a, AYA14, CG+10, FKOW16, JWW+11, LB07, LPMDG14, MD12a, MCT14].
Decision-Feedback [KT73].
decision-maker [MD12a].
decision-making [PW2].
decision-support [JWW+11].
decisions [GMX14, ZBG+10].
declarative [NMT14].
Decodable [LM80, LKY80].
Decoder [Pat86, Sav70, Smn57, Bla84a, Bla84b, Nob95b].
decoders [LP99]. Decoding [Jel69, Mer88, Mow60, Ull65, Kob71].
Decomposing [BZ06a]. Decomposition [BRA84, DC73a, DCSB77, PL79, PAH+18, HT69, KPB+12]. Decomposition [KMH+98]. Decoupling [HOWP92]. DED [Hsi70]. Deduction [AC92]. Deductive [Wat60b]. Deep [BBD+17, CK17a, CNP+17, KSA+04, MM812, SH69, AC92, ARS+17, BHW+17, BSGR17, GKT17, NG17, Lin76]. Deep-Level [SH69]. Deep-UV [Lin76]. DeepQA [GLK+12, KPB+12, KPB+12, WKF+12]. defaults [Chab92, dTGH92]. Defect [DJ70, FF73, HB74, SARG80, Sta83, Sta85b, WA79, BMT+90, HS71, YCB05]. Defect-Related [SARG80]. Defective [Hui90]. Defects [HBR85, HBR86, Sta84a]. Defense [HT16]. Deficiencies [SK69]. defined [KBB+14, AAS+14, AHM+14, BBG+14, DOJ+14, EM65, FHL+14, KRD+14, KFW+14, LBC+14, MSV14, SMC+14]. Defining [WSE+16]. Definition [CAE+76, Lom90]. Definitions [CT65]. Deflection [ELM77, FBW77, Zhe65]. Deflector [KHHK64, Rab69]. Deformation [GLC93, WS72]. Degradation [HW87, Luh00]. Degree [Hau67, MM94]. Delamination [AGL85, Klop87]. Delay [BDMW81, Cal81, Fra80a, Fra82, BH95, BMT+90, CH06, FN95, KS98, MTB+90, NLP17]. delay-cost [FN95]. delay-test [MTB+90]. Delayed [BSSZ76]. delivered [HS8]. Delivering [ODL+09, OEN+16, VSS+09]. delivery [BNN+09, JQB+09, KJS09, LRV+09, Tag09, VMS+14, Yar12]. Delocalized [HSH+88]. DELPHI [FRPG01]. delta [LKY80, HF91]. delta-decodable [LKY80]. Demagnetization [Kum65]. Demand [ABG+09, BT84, Fro84, LMT84, Elg11, WAC+16]. Demodulation [Hop59]. demonstrator [GP06a]. demultiplexor [AF99, RT99]. Dendritic [PCDW78, TMW+17]. Dense [GSC90, AGZ94c, FKK+03, Gus97]. densities [ABB+08]. Density [BDWZ83, BKM80b, BCRW82, CDS+86, Erd88, Gra80, Hoo01, LHW81, Ove70, PH74, Pat85, Sch85, Sko85, Sta85b, CCJH81, Hoo00, MTF+95, Nai02, Ngu99, PSA+08, Pat73, PK88]. Department [Gol87, WH94, Oka69]. Dependability [ST89]. Dependence [Dru76, CH74, Huh59, ODR70, Schw62, Whi70, Sar91a, vHv+89]. dependencies [Fag77]. Dependent [Fra79, AKJ72, Fro71, Mle60b, Nes98]. deletion [LBT99]. deployment [CDG+10]. Depolarization [KH75]. deposit [Jon72]. Deposited [Ahu66, KEJ87, OHe78, PDLM67, SJ70, AF68, Gr99, OSP+98]. Deposition [Ham78, KSW98, Be90, CNC+95, CNS+99, Fon99, GMP90, JL90, Mey90, Mey00a, Ngu99, OHWR88, Ros99, SLYR72, YAJ90]. depth [CBV08, SS86]. depth-first [SS86]. Derivation [Mar64a, SS76]. Derivatives [Ins76]. Derived [ARV64, LS73]. dermatoscopy [CNP+17]. descent [Lan66]. Describing [Her66, NB61a, NB61b, Can73]. Description [LST80, MO84, OHM+85]. Design [AKK+67, ABCR65, Abd66, Aic84, AAC+05, ABPS66, AF99, BM84, BBSW07, Be09, BHP83, BFL66, BAH82, Bos78, CD78, CT82, CDS+86, CMPR64, CA84, CCG+64, CCG+81, CBB+05, CP63, Cor82, Cor84, CDS73, CDS00, Dan81, Dav82, Dha88, EBH+16, ESA02, EGH+96, FHVZ80, FLCB85, FN71, FGM+83, FHL+82, FPB+11, Ghe80, GAOD71, GH69, GR92, GHK67, GLL80, GHKO57, GSS82b, HNS+03, HPWW81, Has66, HP66, HD73, HY84, Hea76, HO96, Jur78, KS90, KMO64, KC66a, KKT+95, Kos15, Kue60, LV67, LL93, Lip92b, LST80, Mac60, MDG+06, MO84, MFT77, ML82, MDR+07, MM82, MH198, MAD+98, Mon82a, MH90, Mul74, MT64, Nii95,
Osw74, Pad83, Pat72, PK03, Poh86, PSS67, RK72, RR83, RGL75, RW0+ 05, RP66, SA98, SGS+ 96, ST75, Sch81, SHR+ 09].

**Design** [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, Wil85, WCB+ 86, WWK+ 87, Yas85, ZL87, AGZ4a, ADH+ 00a, AEZ84, AFM+ 02, AKRS04, AHJ+ 57, BLM+ 92, BDN+ 02, BTP+ 00, BPS+ 96, BBD+ 02, BJM+ 06, Ber76a, BAB+ 07, BH11, BCK+ 05, BBMP92, BKRFO2, BCK13, BBC+ 08, BBD+ 05, BMT+ 90, Cha88, CTS+ 92, CAD+ 09, Cor93, CW91, CCW+ 02, DDB+ 02, DKRS07, DHK+ 92, DeM91, Dec90, DGG

**Determinant** [Spr61]. **Determining** [Ahu80, AW76, BBT60, Gec74, MD65, MS67, SH57, SH57c].

**Dev** [Ano93c]. **Develop** [ACG+ 87, Ber76a, DBCB77, LAN96, Sta75, Wie76].

**Developer** [RKL88a]. **Developer-induced** [RKL88a].

**Developing** [LG+ 03, AKNR10, HM01, VSS+ 09, YGR14].

**Developments** [Con60, May81, O081, CBH+ 05, Lax67, WVPB90].

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

**Device** [Ano06b, AGAP63, BK+ 80, CLP+ 13b, Dun57b, DMN+ 59, Esa62, GHP+ 85, Hoh78, HWC88, JKB+ 13, KMCY82, KGS85, LB85, LCH74, PSS67, RGL75, RWC80, RHM63, SB64, Tro80, AAC+ 06, BKS+ 08, Bus71, CS84, FP73, HBB99, HHC+ 18, LHJ69, MHW95, RH90, SM71, WIT+ 14, Wil93, PS90].

**Designs** [EEM15, SMSC14, SN15, VSS+ 09, GB71].

**Design** [ADS72, BBHS84, LKL+ 81, Mon82a, CTO6, GBRJ05, Kum98, SCSR97, WIT+ 10].

**Desk** [Tod78a]. **Desk-Top** [Tod78b].

**Desktop** [BBGE+ 14].

**Detective** [ABPS66].

**detailed** [DITR06].

**determining** [TBH+ 17].

**detect** [SJW+ 16].

**Detecting** [CR15, FRPG01].

**Detection** [ABF+ 10, BHS2, Dam66, Dav80, Eic65, FF73, LT70, Mou86, PSH80, PM72, VMAB18, ZG65, CJH+ 15, DF15, EÖH10, Hei90, KCMIL3, OCT68, SBG+ 13, SKSP06, SXW+ 13, VNT16].

**Determination** [AO01, BBD63, BBT79, EWS+ 13, FXL01, GSVE83, HS81b, M67a, MWN63, PCD4, Sch84, S62, vS57, GFS71].

**Development** [Ahu80, AW76, BBT60, Gec74, MD65, MS67, SH57, SH57c].
[Che64]. discontinuous [MM75b].
discounts [SMSC14]. discoveries [PMS+08]. Discovery
[MDMN10, BBC+12a, CTD+16, MDJV08, PTRC16, SNP06, STW+08]. Discrete
[Fra82, Lik88, MT77, BGK62, Gre59, NQ78].
Discrimination [Bla88, FXL01].
discussions [RK15]. disease
[PAH+18, PCW+17]. Diseases
[FE75, CXZ+17]. Disjunctive
[(Ga57, Rai69].
Disk [Ada80, BT78, BFT79, BBT85, CM74,
Coo90, DB82, Hea76, Hoa61, How84,
JHH+81, Len74, MR79, Mul74, MT81,
ND57, Osw74, SW74, Adl87, AFF96, BCT89,
BE03,Dec90, FMPS93, HDBR08, HBP+81,
Hoa00, HHA93, HS04, Jon72, McN94, ND00,
Ono93, Pat89, Sch96a, SPR+95]. Diskette
[DB82, Eng81].
Dislocation
[BA62, IM60, JD66]. Dislocation-Induced
[JD66].
Dislocations
[DH61, MB75, MKP73, FMS+92]. disorder
[Haa70, HHH+89]. Disordered
[Pen88, Was88]. Disorders [Ins77].
disparate [BL15, SSY12]. dispatch [ET69].
Dispatching [And73]. Dispersion
[KHBC66, YWWK64, PL73, Shi72, WL73].
Dispersive [Hua79]. Displacement
[Che64, Sko58]. displacements [CMR72].
Display
[AS78, DSW63, Far83, FLCB85, GBS+87,
Lan74, LS78, MLGD84, McG92, OPR+78,
San83b, AN98, ARM+01, CAW+98,
DSRC98, How92, LCL+98, NSOO98].
Displaying [BBPS91]. Displays
[BJS80, DC82, SW98, SS78, APOI92,
AIH+98, KFYU92, LL98, RDD+98, SST+98,
TSH92, TCC98, WR00, WWA+98].
disposal [Fre72]. dispositioning [BKP82].
Dissimilar [BTT60]. Dissipation
[KL70a, LIs61]. dissipationless [BZ06b].
Dissolution [Ito01, TO77, Dat93].
Distance
[DPR86, Mar61, Pat70, Mac60, Nef90].
distances [HW72]. Distillation
[Bi70, Bi72]. Distortion
[ELMR77, Fa170, SFH65]. Distributed
[BHW+17, CMW92, MW82, RC17, ABE+02,
AGZ94b, CN94, DP13, HG14, KCML13,
MDJV08, MN97, NG17, VRA+09].
distributed-memory [AGZ94b].
Distribution
[CL74, Don81, KO65a, NB61a, NB61b,
Ree69, Sak79, Duk90, ESM16, Hos94, HS71,
Jon72, MWW+07, Pai72, RWP16].
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, Age05, Age05,
Age08, Che66, Che68, NR+90, Ros03].
Divisors [Er59]. DNA [Cle81, Pic87].
DNS [SJW+16]. do [Rus04]. Document
[Cha87, CMP87, Cla79, KCM13, Mar98,
YAH+96, ZY72, WCCW82]. 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, JCC0, Pes71, Wor66, van89].
Domain-Wall [Slo66]. Domains
[MS87, MSW69, SN87]. Donor [Kan81].
Donors [FPS66, PF66]. Dopants [AS78].
Doped [BA62, CL74, SH69, WB70, ABK89,
SKEG+98, YTF+11]. Doping
[ADH70, Sou64, AdH00b]. dot [ZH89].
Double [MM75a, Mel60a, Mid65, SB64,
WS75, LKFU05]. Double-Boron-Implanted
[WS75]. Double-Boron Implanted
down [Man90, Now02]. DRAM
[ADG+95, BDN+02, Del08, EBD+95,
FKOP90, FCE+15, IBP+05, IFB+11,
KBS+99, MDB+02, SHDK95]. dr awer
[BHH+15, CAC+13]. Drift.
Drilling [We83]. Drive [CDS86, Hel79, Kum65, PRY65, AFF96, BE03, Eng81, FMPS93, Led71, Ono93, SPR95]. Driven [Hor62, Lin84, Mou86, Pre66, BW72, Gw91, KRS17, MDJ08, Pon17, SLC97, TSH92, TW+14]. driver [ADH00a, DTTK95, MVI07, NSo98]. Drives [BBT85, ILH03, Sch96a]. Driving [DYK10, KSK98]. Drop [BT84, FW77, Fro84, Lee74, LMT84, Pim76, SB78, Twa77]. Drop-On-Demand [BT84, Fro84, LMT84]. Droplet [PL77, KRC68, TZZ]. Drug [PMS08, SNP08]. drum [LC83]. Dry [AGLM85, Hsi99, OR92]. DTP [GZM92]. Dual [GZM92]. Dual-tapered-piston [GZM92]. Duality [Dor60, Joh87]. Due [ASV76, Lan99, BS71a, Lan57, Lan96, Lan00b]. During [CW77, Dav77, Gil79, KWJJ84, MJS70, Rab77, BCT89, DR93, Gk60, SMVK90, TZZ+11]. DUV [ATW97, HMH97]. Dy [YTF]. Dy-doped [YTF]. Dye [SCHL66, SL66, SL67]. Dyes [Lew78b, Mrr78, SLHM67]. Dynamic [ALL77, BW72, CHY92, DS70, EL79, Gh75a, HM66, LST80, Mca83, MLW+14, MN97, PH65, Re66, SW74, SM63, Tro80, WT77, Wh75, e69, BM+06, BGL07, BL15, GLOS92, Ldt80, MBD+02, MW+07, MS07, OD17]. Dynamical [Kra81, Lan85, CHG04]. Dynamics [BBT85, Df87, Fro84, HA71, MW62, ACM01, ABM01, BKH76, BCT89, BMPS91, BKK95, Bn76, ESM16, EFG+05, FMPS93, Gdg08, KHZ98, Las61, LR79, MN03, PZGL91, SPP05, TW89, TZZ+11, WNBP91, ZEH08].

E-Beam [Gil84, PW78]. E-commerce [HRZ14]. E. [LFR05, VLKW14]. EagleEye [ZBG]. Early [ABB+13, BBH+81, DBB+02, GZE+05, Gls87, Mou86, Spi93, BBS+03, EFR+05, IIS+15, Smm04, SPP+05]. early-stage [BBS+03]. Earth [WA79, Ber76b, KW76]. earthquake [NCM+01]. easier [MBF+13, PBBL07]. easy [SBB+97]. Ebola [BM+16]. EC12 [CAC+13]. echo [CN71]. Echoes [Hor57]. ECL [DMR+81]. ecology [PW72]. Economic [Agi74, Ei74, KRS+17]. ecospace [LHS+17]. ecosystem [DKR12, GW18]. Eddy [Dui89]. Edge [BB60, LMD70, WBU07]. Editor [And60, Ano05b, BC60b, BBT60, BB60, BD62, Bc60, BA62, BBL+63, BN63, Cb60, COc61, Con60, Cow87, Ck63, Dm66, Dl62, Ddb63, Dnb63, Fkb62, FC63, Has62, IM60, Ken61a, Key61b, Kw62, Kkk61, KP63, Kru84, Kn63, Kue60, Ld66, Le62, Le62, MW62, MV62, Mr60b, Mtb62, Ms60a, Mp61, Me60a, Mvn63, Ms63b, Nm62, On60, Pal61, Par60, PK61, Rad62, Sch67, Sg62, Sm60, SB62, SS61, Ttd62, Ttd63, Wkb60, Yn61, Ano01b, Sps+06]. eDRAM [MS05]. Edsger [FvGM90]. Educational [BNS13, NFR15, CRI5, VRA+09]. EEG [Boh73, MYK95]. EEPROM [Nii95]. Effect [AS87, Azb88, Bt76, BM08, CFH64, DS70, DH57, FLW78, FFH64, Gun66a, Jj64, KO69b, KO70, Ks64, Ku77, Ld66, Mf71, Mu77, Mat62b, Mtb62, Ms60a, Mp61, Me60a, Mvn63, Ms63b, Nm62, On60, Pa61, Pa62, Ph61, Rd62, Sch67, Sg62, Sm60, SB62, Ss61, Ttd62, Ttd63, Wkb60, Yn61, Ano01b, Sps+06]. Effective [CDG+10, Dk10, KO65b, Sbr64, DFNNS17, Gmx14, Gup97, HBC]. Kba07. Effectiveness [RP70, TBH+17, BM96, MDH+12, Sxp12]. Effects [AOd62, BB60, Bbf+05, Lbb+63, Cle81, Col62, CC76a, Cre58, CGHK77, Ds77, Fk60, Ga79, Gm62, Gs70, Hm89, Ksw74, Ld66, Le64, Mg68, Mnp+69, Me62, Mtb70, Par80, Pl73, Pfs+70, Rk66, Ree59, Sm62, Sta85b, Swa57, Th64, Vui64, Ys64, Alh95, Gc68, Gou89, Gsab93, Gdr70, Lbt99, Ldd00, Mrh98, Mrh99].
MNS69, MMJ69, NBF$^{+16}$, NBF$^{+00}$, RBK$^{+08}$, SNM69, TMF$^{+08}$. **Efficiencies** [HRF$^{+17}$, Jam89]. **Efficiency** [Ano05c, DSR98, DMN$^{+59}$, Mar59, RP66, SJK70, BR09b, GKT17, HvK$^{+09}$, KDG15, MMM$^{+05}$, MI10, MS89, WYF$^{+03}$]. **Efficient** [AAB$^{+14}$, GRS13, HL72, Jur78, KR87, Luk74, SFH65, SS87b, Tom67, BTP$^{+90}$, vBBE$^{+02}$, GMX14, JWSP06, MC87, NDM$^{+04}$, NCB03]. **Effluents** [Shi72]. **Effort** [DBC$^{+06}$]. **eFUSE** [RFC$^{+07}$]. **eHealth** [AAJ14]. **eigenfunctions** [HM89]. **Eigenproblem** [Dub72]. **eigenvalues** [CW58, FW67, HM89]. **Elastic** [AW62, BP88, Che64, CS65a, CF72, Key61a, Kur87, Sat63, BEH$^{+89}$, EHK$^{+89}$, FL89, Jan69, LC83, Tap82]. **Elastic-plastic** [CF72]. **Elastohydrodynamic** [VG74]. **Elastomeric** [Smi77]. **elder** [TOKN18]. **elder-care** [TOKN18]. **Electrical** [BRB92, BJMO80, But88b, Cha88, Dav82, DDA$^{+93}$, Gun66b, HM60, KP79, OPR$^{+78}$, OMAW60, Rue79, SD85, SGC$^{+87}$, Wec79, ALH95, BPG$^{+16}$, BS71a, BBM92, Bra68, CNC$^{+08}$, DHK$^{+92}$, DAS$^{+94}$, HSL$^{+10}$, Hei90, MKW$^{+05}$, Mat70, WRP16]. **electrical-conductivity** [CNC$^{+08}$]. **Electrically** [BMW83]. **Electro** [WAC$^{+16}$]. **Electro-Optic** [Wie90]. **Electro-Optical** [SH63]. **Electrochemical** [BMW83, Hor93, KM93, KRT98, SBD94, Swa57, WDA05, vS98, Dat98a, Dat98b, RWM$^{+05}$]. **Electrochemically** [DH83, SF93]. **Electrode** [CL64, RL70, DR93, DVM81, Sek93]. **electrode-electrolyte** [Sek93]. **Electrodeposition** [LR65a, DKA$^{+05}$, Duk90, Duk93]. **Electrodes** [DK79, Jon72]. **electroerosion** [CP91, CAS$^{+91}$, CAS91, Pen91], **Electroless** [BLR84, BRA84, HSM84, JK93, KWJJ84, GB93, OHWR88]. **Electrolessly** [OSP$^{+98}$]. **electroluminescence** [ARM$^{+01}$]. **Electroluminescent** [ON60]. **electrolysis** [DR93]. **electrolyte** [Sek93]. **Electromagnetic** [Dum63, Bus71, Dav69, Pau89, PL73, Rub90]. **electromechanics** [NNN$^{+06}$]. **Electronmigoration** [ADH70, HRS$^{+95}$, SC88, Ver88, AdH00b, SD71]. **Electron** [Azb88, BKG$^{+82}$, Bro88, CSE66, CW78, Col62, DO74, DMW77, Dav80, DEG$^{+01}$, ELMR77, GSVE83, GOJN77, GWR90, GHP$^{+93}$, HG83, HWC88, Hor62, Jon65, Jon70, Kra81, KP59, Kue60, KM74, KP80, Lin67, MTH71, MW80a, MJ69, MP77, MNP$^{+69}$, MP7, NM62, Par80, PS80, Ree69, RS69, SSN$^{+62}$, SG64, WPH69, YDH87, All00, ALH95, CHL$^{+11}$, DG93, FKOP90, FA70, HF90, KBF$^{+92}$, Lud00, MAG$^{+01}$, MHH$^{+11}$, PGN88, Ros00, SKB$^{+11}$, Tro00a, TTI98, VWJK11, WSBL90]. **Electron-Beam** [Bro88, DMW77, Dav80, ELMR77, HWC88, Hor62, KP59, KP80, MW80a, MPS77, PS80, BGK$^{+82}$, GWRS90, FKOP90, MAG$^{+01}$, PGN88]. **Electron-Hole** [RS69]. **Electron-Transparency** [DO74]. **electron-yield** [CHL$^{+11}$]. **Electronegativity** [Mic78]. **Electronic** [BW81a, BHH$^{+15}$, FNR89, FW88, Fre70, HJS98, JK86, Key61a, Kog57, Kog58b, Kog58a, Kog59, KT84, Lan68, Lud78, Rey69, SF81, Sie70, SC88, SBC$^{+12}$, WR00, AN98, Kit89, PBC$^{+04}$, PK88, RR69, SJMBK08, TBB$^{+09}$]. **Electronics** [Key88, Key00, MCK01, SS01, ZCM$^{+96}$]. **Electrons** [Hon70, Lik88, Pri59, Pri65, Pri70]. **Electrophotographic** [BS84a, Bau84, Bro78, CEY84, EHMW81, SSL73, VW78, SBG$^{+71}$, Sta97]. **Electrophotography** [LAG$^{+84}$, TB82, Tu75, Sch71]. **Electroplated**
[Ros78, Smi60, AR98, CBH+05].
electroplating [AUD+08, HHA93, Hor98].
Electropositive [KJS+88].
Electrostatic [AEE77, FBW77, Fit57, Sch62a, Twa77, KWN01].
Element [BRR79, BCGS81, DWW58, GLS67, SSW65, Zab79, AEH+04, BSHM01, BCGS00, Cor93, JL90, KL97, KN91b, VWE02, You90].
Elementary [AG+86, Coo62, CLW79, Er69, AC+87, Mar90].
Elements [DMN+79, Hoh78, RP67, SSLP64, HMO81, OKl03, van89]. elim. [MVI+07].
Elimination [Gab70].
Ellipsoidal [NGMW57]. ellipsoids [Bar82].
Ellipsometer [HD73]. Elliptic [Par67, Wid67].
Empirical [AC63, BN63, FP69, Gli69, MJS70, Mor79, RS69, SA66, SB64, SCHL66, SL66, SLHM67, SAL63, BSRM09, GRH+08, KWT+11, Lud00, MHW95, TK69, Tur69, VWJK11].
emissivity [Bra72b]. Emitter [PhH78, SGC+78, GOVC71].
Emitted [BLB+63, Dun63, LDDDB63, MWN63, CA01, FPS66, HP01, RRB+01].
Empirical [SS87b]. Empirically [LST73]. Employing [HA58, GB93].
Emptive [And73]. Empty [Or84]. emulsion [Mey81, RT99]. enable [HMP+11, JGD+08]. enabled [BBB+98, DDDKW12, Vay12]. enablers [vKCD+12].
Enabling [AUW+09, CLP+13b, RSS+15, RWP16, SM16, SSY12, TPC+13, TCP+16, DSZ+12].
Encrypted [VP88]. Encryption [Cop94, ACD+15, BC18, CJD96]. encryption-based [BC18].
End [HRF+17, SCHL66, Tay81, ARS+17, Lip92b, MDJV08, PGS+98, RRMD17, SN02].
End-Pumped [SCHL66]. End-to-end [HRF+17, ARS+17, MDJV08, RRMD17].
Endocrinology [SLG78]. Endpoint
[THL85]. Energetics [HB74]. energies [Tu90]. Energy [DKAC67, DMM75, Dou62, Flay62, Hua79, Jon65, Jon70, Jur78, KL69a, KDG15, LS64, MJJ69, McC64, Mei62, NGMW57, RP66, SCYK78, Tin62, Hv+89, ABB+12b, Bar86, BSRM09, BR09b, CHL+11, Cop00a, EHLSW01, FNRF89, FWR+11, HvKI+09, HZB+06, KHW16, KAF+16, MK+11, NCB03, RES+15, RMM03, SKB+11, SD71, SFH+16, Tro00a, ZCK71, ZFD+15]. energy-efficiency [BR09b, HvKI+09].
Energy-Efficient [Jur78, NCB03].
energy-filtered [CHL+11].
energy-management [FWR+11].
EnergyScale [MBF+07]. engagement [HR07]. engagements [BEJ+14, RWB+10].
engaging [SN15]. engendered [PH81].
Engine [BBHS84, CRDI07, BCK13, EK08, Mar98, BDHH+09, JB07, LJV+07, PBBLO7, RWW07, RG09, SHLO7]. engineer [ET69].
Engineering [KS90, LKL+81, Mul74, VAB+13, ABR71, CCFS12, KLSNS06, SN06]. engineers [GR92].
English [Bla88]. Enhanced
[Chu82, OHH+07, PS80, Sar91b, vAR82, GW18, vS98]. Enhancement [EL83, FT80, WS75, LV94, LMW+01, Sta97].
Enhancement-Mode [WS75].
Enhancements [GSC80, ADH+07]. enhancing [JDBP10, SMP+04]. ensembles [CPN+17]. entanglement [Ter04].
Enterprise [ABC+99b, ADG+92a, ABD+92, BBGE+14, BEM+92, BBMP92, BRB92, BGJ+17, 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, RHM+99, San12, Sar91b, SSW91, SSM97, SCC+97, SWC+97, SV91, SG99, TBB+09, TSC91, UDP+12, WMH+97, WHK+09, AAB+10, AYA14, BGLM09, Car10, CJK+13, DSZ+12, FM10, FGG+13, HRF+17, HBT+16, JSS13, SM16, SLCO9, SMC+14, SBC+12, VNT16, vKCD+10, CdLS92, NHH91, SY92.

enterprise-class [SM16, SBC+12].
enterprise-level [SM16, entire [OIM+13].
entitlement [CHM+16, ST17].
Entity [CA84, ST17, ZBG+10].
Entity-centric [ZBG+10].
Entity-Relationship [CA84].
Entrance [Fis88].
Entropy [Bar80].
Enumeration [Rio80, MiC72].
Enveloping [Mir72].
Environment [Bar73, Dub72, Fla81, MW82, Wie58, AHt+91, ATW97, AHM+07, BC00, BOS+05, CDSW06, CN94, DM03, DOJ+14, GHL+04, GBG+05a, KN91a, MA+05, MME+97, ODL+09, Oki03, OEN+16, PZGL91, Rue72, VM99, WNBP91].
environmental [KCH+09, KDG15, ODL+09, OB09, SCW10].
environments [AAB+14, AAS+14, BMS+17, BBG+14, Elg11, FHL+14, KRD+14, LBC+14, RFCN+08, VDO14, VM+14].
Epitaxial [GK60, Mar60a, WKV60, GSG+90, GBBM90, SLYR72, SGT78].
Epitaxially [IM60].
epitaxy [CWC95, Far98, G88, Mar79, Mey90, Mey00a, Tis90].
Epoxy [MLSS84, MVK85, KS01].
Epoxy-Glass [MLSS84, MVK85].
equal [MR14].

Equalization [God74, Gor65, Mil83, Sch85].
equalizers [Kar73, ST72, Ung72].
Equation [CS65b, Fla65, Lev66, Mil67, Mir60, Ode64, To88, vS57, BSHM01, CP72, Can73, HM89, HBW70, KRC68, Mic59, Mir61, Pri66, Sug59, Swi62].
Equations [Ano67g, Ano67u, Bil70, Bre72, Gar88, Her66, Lan85, Par67, Bil72, Bra72a, CFL67, Dan66, FW67, Ger73, Lax67, LO72, Mos61, Whi72, Wid67].
Equilibria [Sha58a, CJ88b].
Equilibrium [Lev64].
Equipment [KFSZ92, CoI9b, CMR72, RWM+05].
Equipment-related [KFSZ92].
equitable [BMS+17].
Equivalence [Don74, Dur70].
equivalences [AO97].
Equivalent [BRR79, Dod63, Kah71, Str59, AO01, BDS+97].
era [JDBP10, MWX+17, RCP+16, Sha02].
Ergodic [MN03].
ERMIS [VSS+09].
Errata
[Ano66k, Ano66j, Ano66l, Ano05c, Ano06b].
Erratum
[Ano66l, Ano01b, Ano06c, Ano06b, Lan84a].
Error [BM63, Bla79, Bos70a, BH82, BS70, CR76, CH84, Gri60, KST58, LT70, Meg60, Mel60a, MG63a, Mou86, OCT68, Pat80, SS59a, TL70, AC84, BSK+08, Bos70b, BH80, Dan66, Gor63, KBF+04, Mac60, MS96, Pat89, SKK+08, Sri96, ZMM+96].
Error-Correcting
[CH84, Gri60, SS59a, AC84, Mac60].
error-correcting/detecting [AC84].
Error-Detection [BH82].
Error-Sampled [KST58].
Errors
[Dah63, How84, PL81, Pat86, SH57b, SH57c, Wyn64, ZS96, DWW90, Del08, HDBR08, KLHW16, KCOW08, Meg60, Mel60b, ORT+96, RBK+08, Tan96].
ES/9000
[Att92].
Esaki [PR59b, Rut59].
ESCHER [SKB+11].
ESCON
[FGC92, CdLS92, ES92, GLOS92].
eServer
[ABE+02, AFM+02, BEK+02, BHK+02, vBBE+02, CBB+04, CCW+02, HBA04, GKS+08, GKM04, GE02, HPW+02, HBL+02, KSK02, KKM02, PBC+04, PVAK02, SCS+02, SGK04, SNA02, SAB+02, SMP04, SBC+04, SBC+02, VWE02, AV04].
ESPER [Ono93].
esPER-2 [Ono93].
esential [KKT09, KKS02].
EST [DB01].
establishing [SJW+16].
esters [VBM71].
estimate [Gam72].
estimates [Hei80].
estimating [WFY+03, AP69, Mat03, Sit87].
Estimation [Bar80, Lin67, Mil83, Wel61].
Estuary [KCH99, Sta89a, estimators [Sta73].

Evaluating [KCC97, GZK99, GZ94, PTRC16, PM88].

Evaluating estimators [Sta73].

Evaluating [Chu82, CK79, vAR82, AHW+99, Fon99, Hsi99, Koh98, Kuo92, MSG72, OR92, ODK+99, RKL88b].

Evaluating [Win78].

Evaluating [KCC97, GZK99, GZ94, PTRC16, PM88].

Evaluating estimators [Sta73].

Evaluating [KCC97, GZK99, GZ94, PTRC16, PM88].

Evaporated [BBG60, PW78, PBF60].

Evaporated [BBG60, PW78, PBF60].

Evaporated [BBG60, PW78, PBF60].

Evaporated [BBG60, PW78, PBF60].

Evaporated [BBG60, PW78, PBF60].

Evaporated [BBG60, PW78, PBF60].

Evaporated-Gas-Dielectric [OPR+78].

Evaporation [TZZ+11].

Evaporators [Cas60].

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

Event-log [WLH+17].

Events [AGH+16, LS76b, TPC+13].

Everest [NNN01].

Every [WA15].

Evidence [MFL+12, SVNH13].

Evidence-based [SVNH13].

Evoked [UC62].

Evolution [CMR+90, DfADSN98, GAB+98, HLS81, IK00, Jam81, JS81, KWWJ84, SF81, SCM+82, TJKH03, ADG+95, ALS81, BCK+05, CS03, CM90, CM00, Gre97, NAI02, ODA03, RGPP95, Ste81].

Evolutionary [DBNK+17].

Exact [Mic72, Tak87].

Examine [Sch67].

Example [OHH74, IBM13c].

Example [OHH74, IBM13c].

Example [OHH74, IBM13c].

Examples [OHH74, IBM13c].

Examples [OHH74, IBM13c].

Examples [OHH74, IBM13c].

Examples [OHH74, IBM13c].

Examples [OHH74, IBM13c].

Examples [OHH74, IBM13c].

Examples [OHH74, IBM13c].

Examples [OHH74, IBM13c].

Exception [LS74].

Exceptional [Ho60].

Exceptions [LS73].

Exchange [AAJ14, HP84b, Kas70, KW62, Far98, Jon98, Whi72].

Excimer [JWL82].

Excitation [LM85, Pre66, SL67, Les71].

Excited [GCPVG85, Mor79, ARM+01, HDK+11].

Exclusion [BCH84].

Exclusive [FTY83].

Exclusive-OR [FTY83].

Exclusive-OR [FTY83].

Exclusive-OR [FTY83].

Exclusive-OR [FTY83].

Exclusive-OR [FTY83].

Exclusive-OR [FTY83].

Exclusive-OR [FTY83].

Executive [NNF15].

Exemplified [Pig88].

Exhaustive [TC84].

Exit [Bi182, LKY80, Ode64].

Expanded [FXL01].

Expanding [BL62].

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

Experiencing [ST17].

Experience [BCC+01, Ris84, JS14].

Experiences [ABB+13].

Experiment [BTW62, Bax58, Bla88, Dam66, DKL84, SBT87, ADG+92b, Nic92].

Experimental [BBT79, BFT79, BT84, BBT85, CSW73, CLOR87, CD85, CK63, DLW86, FGM+83, Hop95, Hor92, Mar71, Men62, Ris84, RS59b, SHWK+90, SLHM67, TSNF88, WRLA57, Z CK71, BFK69, Kel73, LD72, Rei69, Sno04, ACF+80, BHO05].

Experimenting [EO13].

Experiments [ALL77, Ben59, Hat72, KTE66, LREB56, ST75, Sch81, Gra71, JN82, Kel89, SG71, ZCM+96].

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

Explaining [ChdTG92].

Explanations [Gli69].

Explicit [VRL10].

Exploitation [BIK+05, SSMGD10, CBB+05, MMS05, Sur15].

Exploiting [AGZ94a, FNY+10, LSYR91, Trm67, Wee79].

Exploration [Kan15].

Exploratory [GLP76, PBC+06].

Exploring [EHP05].

Exponential [Moo72].

Exponentials [Chet].

Exposed [LG88].

Exposure [Ahu80, BT67, ELMR77, HHSW01].

Express [BEE+02, GCS+12].

Expressions [BDH83, Hal76].

Extended [CDG83, Gum83, Otd84, Pad83, LT95, SMS80].

Extending [MG63a, HMK01].

Extension [Koc59, Lio67, Cal70, Lam77a, Pri66, TS69].

Extensions [CPT+08, Cra98, Wai05].

Extracting [ZC17].

Extraction [WR83, AA+17, DF15, EKTT90, FKG12,
TWM+14, WKF+12. Extrapolation
[Gaz78]. eXtreme [BBE+13]. Extremely
[RVV88, MFPJ71]. Extrinsic [Was88]. Eye
[RHM63, MG68].

F [LFR05, VLKW14]. f.e.t [HD73].
Fabricated [BBC+64, O’H78]. Fabricating
[SLYR72]. Fabrication
[Ame80, ATW+08, BHV85, BMWL80, BCRW82, GKK+80, Hat88, HWC88, Hsi99, MH98, Mid70a, PW78, RHM63, Spr71, CAS+91, Dha68, FCH70, KFSZ92, KRT98, KOT98, LCHL95, MTH71, Mat7+98, RK72, TW69, TFL+98, ZCK71]. Fabry
[Fan64]. Facilitating [SXYP12]. Facilities
[Gum83, LG78, CMR+90, LS69]. Facility
[AMG+87, GAC85, Lom80, Mul74, LL74, SdS89, GRSW86, JMLW94, RV89, Kro93, SV91, SY92, Sur15]. Fact
[KPB+12]. Fact-based [KPB+12]. Factor
[Bre60, Gia66, Hn59, CLP+13a, SBR64].
Factoring [Bra87]. factorization
[EG00, GJ00, TW77]. Factors
[CK63, Dav79]. fails [DFF+15, ZCM+96]. Failure
[Bar83, DMP59, TAR84, TTI98]. Failures
[Rot66a]. fair [FW83]. family
[GR92, WD94]. Far
[GHW70, GL62, OKH+82]. Far-Infrared
[GHW70, GL62]. Faraday [Kus70, ZS96].
Farey [LT95]. farmer [FKOW16]. Fast
[AEG+02, God74, Gap97, HJK+91, Jel69, KP59, KHKM4, Mil83, Raa76, CDC96, Cra96, ESI+92, GL88, Har71, Won90, Bra94]. Fast-Switching [KP59]. Faster [WT77].
Fatigue [Keh65]. Fault
[Aic84, BH82, BCH84, BKRF02, CTS+92, Com83, Sta84b, Sta85b, Sta86, Sta9a, Cov92, SG99, Sta89b, Sta89c, TSC91, CR84]. Fault-Isolation [BH82]. Fault-simulation
[Sta89a]. Fault-tolerance [CTS+92].
Fault-Tolerant
[Aic84, Com83, BKRF02, Cov92, CR84]. FCP [ABE+02, SAB+07]. Fe
[LR65a, MMT60, Mid62, Bru78, LR65a, Mid65, Pes71, YTF+11]. Fe-B [YTF+11]. Feature
[CJH+15, Duk93, FS82, Kur87, BHW+7, TWM+14]. Feature-scale
[Duk93]. Features
[CMPR64, GlI69, BEE+02, DHK+92, FWR+11, HJW+16, MPP+15, SSN+15, SJZ+15]. features-based [SJZ+15]. Federal
[OO81]. federated [RBL+09]. federation
[LNT08, NMV+09]. federation-based
[NMV+09]. FEDSS [BHV85]. Feedback
[KT73, Re66, Cov92, DRSM15, Gis76a, Gis76b]. Femtosecond
[TWRW89, MHW95]. 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, Wh70, Haa70, Vur70].
Ferromagnetism [Mat62a, Sui75]. Ferroresonance
[SH78]. 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, Don62, DSSS64, D70, DH57, DPR86, EGS80, FFFH64, FK62, Gar86, HBL62, JTH66, KO69b, KOT70, Kro58, Ku63, LC80, Met70, ORT+96, ODR70, PW67, Par60, Rec69, Sve62, Tin62, TH64, Vui64, Wh70, Wol70, BH89, CDS73, CDS00, DAB+97, KM73, LJS92, MHW95, Vur70].
Field-Effect
[KO69b, KO70, Wol70, CDS73, CDS00]. field-emission [MHW95].
Field-Quenching [Boe69]. FIELDAY
[BCCS81, BGCS00]. Fields
[AVS76, Lan88, Dic91, HRWZ87, Lan57, Lan64, Lan00b, Lew73, RE71]. Fifty [BS03].
Figure [Esa62, GlI66]. Filaments [Bar69].
File [HP63, Hea76, How84, MT81, ODA+08, OsW74, van72, van73a, Bon97, BGW91,
Coo90, GA68, HBP<sup>+</sup>81, Has98, JSS13, LNT08, Nii95, vdP72, van73b. **Files**

[BFT79, Len74, WY76, Dec90]. **filled**

[FGMPK05]. **Film**

[ABPS66, AGLM85, Blu79a, CC76a, CM74, GLS67, GS84, HM60, HCBA82, JT66, KJMS67, Lan85, Log70, MJS70, McG92, Ove70, PH79, PSS67, RK66, AT00, APOI92, AR98, Bag94, BHHO59, CWC95, CF72, CCH<sup>+</sup>96, CPTW98, DM01, Fuji92, Gro59, How92, HRS<sup>+</sup>95, JMM<sup>+</sup>96, KC89, KFYU92, Kuo92, KOT99, Lew78a, LL98, LCL+98, LS72, Mic59, MWEJ05, Pat72, PGS+98, SLK+97, SGS+99, TSH92, TCCH98, Tho94, TTI98, TCK+92, WWA+98, van89].

**Films**

[Ahn66, ADH70, BB60, BBG60, Blu79b, BBT79, Boy60, Buc99a, Cha62, CH76, Coo62, Dav77, DH83, DP59, DPW60, Die62, EGS60, Flu67, Fre62, GM63, JC63, KDBT60, KH75, Klo87, Kro58, KEJ87, KG63, Kum65, KHBC66, KC66b, Kur57, KM74, Lin67, MPT66, MU77, MS60a, MMT60, Mid62, Mid65, Mid66, MW67, NM65, OHSP76, PC64, PDLM67, PBF60, RSSS82, RF78, Ree59, SK69, Sch75, SJ70, Seg62, SbdF64, SFD77, Slo66, Smi60, SSTF77, AF68, AdH00b, BNT86, Cha69, CCG73, CDM89, CNS+99, DPW00, GSG+90, Gre68, GMP90, GLG+99, LFC95, MFPJ71, MFS+11, Ngu99, Pen69, PW68, SF93, SAK70, SD71, SGT78, SHSY90, SHSY00, TCH98, Tu90, WL73, You90].

**Filter**

[COC61, Dod63, God74, Low78, RTM65, VS65, BKF71, KFYU59, Peh99].

**filtered**

[CHL+11]. **Filtering**

[FF73, Nus67b, Nus77, PLHJ70]. **Filters**

[Pis74, Roe66, GM69, WPH69]. **final**

[BKP82]. **finance**

[RS14]. **Financial**

[ABD+14, HS14, Car10, KO14, LSS14, RAR+14]. **Finding**

[CCFB+12, HW72, Jam89, MN90, Nef90, Bra72a]. **Fine**

[BBK+08, KZP03, HRS<sup>+</sup>95, KAB<sup>+</sup>05, SLC09]. **Fine-grained**

[BBK+08, SLC09]. **fine-pitch**

[KAB<sup>+</sup>05]. **Fingertips**

[Goo58]. **Finite**

[AG72, BF63, BCGS81, BCGS00, Cor93, Hoh78, RS59a, Ros66, You90, BSHM01, EM65, GA68, HMO81, HMO81, JL90, KN91b, Lan66, MIH01, Mic59].

**Finite-Element**

[BCGS81, BCGS00]. **fire**

[PKXK07]. **Firm**

[And10]. **Firmware**

[KWH+12, AHM+07, ABB+15, GHL+04, KKB+09b, SMP+04, SvBC+04, TAE+07, TCK+15]. **First**

[HPW+02, Koz81a, SM62, Swa57, WBH+04, CRDI07, DL02, FCE+15, GP06a, Gyg08, KBF+04, Koz81b, SS86, ACM01]. **First-Order**

[Koz81a, Swa57, Koz81b]. **first-principles**

[Gyg08]. **first-time**

[DL02]. **Firstfilter**

[VNT16]. **Fitting**

[Nor58]. **Five**

[Ano61e, Fre04]. **fixed**

[SFG94a, TLM83, ZTC+13]. **fixed-point**

[SFG94a]. **Flash**

[Bau84, CAC+13, Lai08, Nii95]. **FLASH3**

[FKL+08]. **Flashlamp**

[SL67, HA71]. **flashlamp-pumped**

[HA71]. **Flat**

[Kum65, BE03]. **flaws**

[Mar12]. **Fleshing**

[MW80b, WM81]. **flexibility**

[BBSW97, EBD+95, KWN01]. **Flexible**

[Ada80, ALL77, BT78, BFT79, BKU88, BBKW86, CTT66, GHK67, Hai85, PVDF95, Pol78, PVAK02, Tib93, WSBL90, Wit85, DDA+93, KDG15]. **Flexible-Disk**

[Ada80]. **flip**

[Hei90]. **flip-chip-mounted**

[Hei90]. **Floating**

[ABC+99b, AEGP67, BD96, Cli90, SW90, CBB+05, DTH92, DDZ+07, GWS+04, HFH94, HM90, JOR96, MMR90, SM97, SK99, SKC09]. **Floating-Point**

[ABC+99b, BD96, SW90, AEGP67, CBB+05, DTH92, DDZ+07, GWS+04, HFH94, HM90, MMR90, SM97, SK99, SKC09]. **Flood**

[Tod78b]. **flooding**

[TPC+13]. **Flow**

[CTT66, DH61, KWW88, LL83, Lev77, Tit61, Wit85, IMC+10, LPPT86, Lom77, FH81, VA07]. **Flowcharts**

[SBH82]. **Flowgraphs**

[BBCV80]. **flows**

[BS91]. **Fluctuations**

[Was88]. **Fluid**

[Fro84, Lev77, TC63, Bru76,
SRL +11, VLP +05, WMH +97, AGZ94a, GMS05, KAB +12, MMR89, SWF +09.

**Fundamental**

Dav77, Mee67, SK69, SOC59, MKP73. Gas

AS78, BL62, BdM +78, GBC65, Han78, Lan58, Lan74, LS78, LCH74, OPR +78, O’H78, PW78, RP78, RBC78, S78, VGC79, Ano71, BHHO59, Gro59, Hun71, Mic59, SdS89. gas-phase [Hun71]. GaSb [Lud78].

Gases [Cas60]. Gasifier [Sti79]. Gate

Dan81, GS80, OIA +99a, AIH +98, BBH82, Buc99b, CKG +99, CAC +95, CDS73, CDS00, EB99, FCE +15, HD73, HBC +99, HBB99, JVP +90, KM73, KSK98, Luc99, OS99, OKH +02, SHWK +90, Sta02, WNV +02. gate-delay [KSK98]. 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, OHSP76]. Gd-Co [OHSP76]. GdCoCr [Sch75]. Ge

BC60a, BC60c, BC60b, Bay98, IM60, Jon65, Mar60a, Mar60b, Meyer90, Mey00a, OMAW60, SAK70, SL172, SSFF11. Gene

BCK13, ABC +05, ABB +13, AAC +05, ADG +05, BS1 +13, BHG +05, BBK +08, BHD +05, CCD +13, CBB +05, CP13, CKL +13, CNO +08, CBO +05, CHT +13, DT08, DLJ +08, EO13, EFR +05, EWS +13, FKL +08, GBC +05, GBB +05a, HBB +05, IBP +05, KHZ +08, LKFO05, MSA +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, BAH +05, BBK +08, BHD +05, CBB +05, CNO +08, CBO +05, DT08, DLJ +08, EFR +05, FKL +08, GBC +05, GBB +05a, HBB +05, IBP +05, KHZ +08, LKFO05, MSA +05, MAA +05, OBB +05, OWG +13, PMS +08, RIB +13, SCG +13, SPP +05, IBM13a, IBM13b, IBM13c, WAB +05. Gene/P

IBM08. Gene/Q [BCK13, ABB +13, BS1 +13, CTH +13, EO13, EWS +13, OWG +13, RIB +13, SCG +13, IBM13a, IBM13c]. General

CHW75a, GM73, Hor75, Luk75, LSH76, RP78, Tay81, Wes78, DAUS91, Fra80b,
Gra69, dTGHC92, HRW69, LH84, QS67, SS82, TLM83, Kov06. 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, van77, WLEF89].

Generation [Bae74, BMS80, CW85, Chi86, CN71, DGL+97, Sch67, TC84, Ver80, ACD+15, CCFB+12, DEG+01, HRS07, JGD+08, KAB+05, KCA+95, Lan61, Lan00a, LSF84, LBB+13, MWW+07, OW00, SFH+16, Tan08, VPD88, VTMB+90, WAC+16, WDG94]. Generator [EL80, CL86].
generators [AEG+02].

generically [Gri04].


Genealogy [BBCV80].

geologic [BDM14]. Geologic [ABC+85]. Geological [SM78].

Geomeric [Gol69, JS89, Ree59, RR87, SJ89, WLPL+80, EKR87]. Geometries [Dem78]. Geometry [Gae79, Ins77, GA68].

Germanium [And60, BA62, DH61, Hno59, Key61a, KK59, MN67b, NM26, SFG+06, GC68, 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 [MDZH+02].

Ginzburg [Dou62, Sch89]. Given [OG87, ODA03, Sug59].

Glamor [LNT08].

Glass [IBC64, Ker64, MLSS84, MVK85, PW78, Pea69, Tan74, KFSZ92, TJK+92, YCB05].

Glass-Bonded [Tan74]. glass-ceramic [KFSZ92, TJK+92, YCB05].

glass-ceramic/copper [TJK+92].

Glass-Passivated [IBC64].

Glasses [GFHW82]. Glassy [Mor89].

glaze [Kali71]. Global [DR08, LHW81, Pul07, AUW+09, BKF+16, CPvR00, GRS13, KJS09, KLE71, QS67, SP14].

globally [BGLM09, DSB+12].

globular [FXL01].

Globus [GHNO4]. Glow [Pen79].

Glycine [Tri58].

glycosylation [NB+90].

GMR [NES89].

GNU [GHL+04].

go [OKH+02].

goals [MDD+07, MWL+14].

Gold [JC63].

Good [SMD80, LKYO80].

governance [BKN10].

governing [LAN55, Mal13].

GPFS [AHH+14, JS13].

GPFS-based [AHH+14].

Grade [CSV79]. Graded [KO67].

gradient [CUTW2, RV89, W072].

gradients [ZCK7].

Gradual [BBT60].

Grain [KWB88, CDM89, KZP03, Pes71].

grain-oriented [Pes71].

grained [BBK+08, SLC09].

Grammar [BBC80].

grammars [Arb86].

Granular [Gou89].

Granularity [LT70].

Graph [BKKU88, EB06, FL76, WML+16, Gup97, Hof60, May60, Sar91a, CP13].

Graph-based [WML+16].

Graph-Unification [BKKU88].

Graphene [HKG+11, ZWV+11].

Graphitic [GM69, PZGL91, MS89, PS91].

graphics [BBM+69, CS84, FGW81, GH96, Pic91, SHDK95].

Graphite [DM64, McC64, Solomon].

Graphites [Kle64].

Graphs [DHT3, FLDC86, Luk75, RK62, Sow76, SW86, HS60, HRWZ87, Rarat69, VPD88].

grasps [NS92].

Grating [BBT63].

Gratings [BC65, SJ70, YL82].

gravitational [LQR04].

Gray-Code [TLR85, APO192, TSH92].

Grayscale [TLR85, APO192, TSH92].

Greedy [AGJ06, DH3].

Green [Nov90, OB90, PF66].

Grid [Cha67, BPG+16, CRM02, GAI+16, HSL+10, KFE+06].

grids [CN04, RP16].

GRIN [FGW81].

grocery [YGR14].

Gross [BMT+90, Gli69].

grossly [PP+91].

Group [LT70, Pat70, Joh87, Mel00b, Par98, YHA71, Bal05, CFG64, DR08, Des02, Des04, Mey03, Nov09, Pri07].

groups [SLC09].
Grown [AO60, BC60b, BC60a, BC60c, IM60, OMW60, FPS66, PF66, MPCF82].

Growth [BV78, BS64, GK60, GM60, GLG+99, LL83, MJS70, Mar60a, Mar60b, Mol69, Num09, Ros00, WKW60, BNT86, BJW72, Can73, DKR12, EK08, GBBM90, HKG+11, MWEJ05, SSFF11]. Guidance [Soh76].

Guided [BSRG17].

Guiding [Kan15].

Gyrokinetic [ETWO08].

H [Ber76a, Wie76, Ano66j, Bra72b, GBC65].

Haas [Bro66].

Haas-Shubnikov [Bro66].

Hacienda [FGM+83].

Hadoop [GGH+13].

Half [Che64, KCA+95]. Half-micron [KCA+95]. Half-Space [Che64].

Halftoning [GT87, AKM+03, AP82].

Hall [JJ64, Sie70, Azb88, Bra75, FFH64, KKK61, Pri57a].

Hammers [Hen83]. hamster [NBF+00].

Hand [BCRT74, DMS92].

Hand-Held [BCRT74].

Hand-printed [DDMS92].

Handling [AST67a, Hai85, PH79].

Handwritten [CK63, GMNE63].

Hard [BE03, Kni65, Le662, NM65, KWT+11, Ono93, SPR+95].

Hard-disk [MNN+93].

Heads [Hem74, Tan74, Ar98, BE03, CCH+96, CBH+05, FCH70, Hsi99, ILH+03, TFL+98].

Health [BC18, BIS+12, CFH+09, CN18, CPCC18, GHH+17, GJ+16, HHC+18, JDB10, KB+18, Sha12]. Healthcare [Kov06, CRH12, GDLS14, GSCI12, KBJ+18, Sha12].

HeapMon [SKSP06].

Helper [SKSP06].

helper-thread [SKSP06].

Helping [DDDKW12].

Hematologic [FE75]. Heme [FE75].

Hermitean [CW58].

Heterogeneous [NMTP14, FNY+10, MSG72].

Heterojunction [KSF90].

Heterojunctions [And60].

Heterostructure [TFW90].

heterostructures [LFC95].

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, FLMK06, JL99, KAB+12, MIH01].

High [An08, AFR62, BDWZ83, BCSE89, BJS80, BOS+95, BCF+07, BFG+06, BBS2, BAH82, BHWZ63, BCRW82, CD78, CDS+86, Car60, Cas60, CT06, CEY84, Dav82, DHSC64, DKR+90, DC82, DB76, EB91, FP69, GCPV85, Gaul7a, GS84, Gra80, Gre79].

Head [Ada80, BBT85, CDS+86, CPL+74, Fan61, FMPS93, FK62, Gre79, Ibe03, Ku63, Osw74, Pol78, Ros66, Sea58, Hsi99, Led71].

Head-Positioning [Osw74].

Head-Tape [Gre79].

Head/Disk [BBT85].

Head/Tape [FT77].

Heads [Hem74, Tan74, AR98, BE03, CCH+96, CBH+05, FCH70, Hsi99, ILH+03, TFL+98].

Heat [BC18, BIS+12, CFH+09, CN18, CPCC18, GHH+17, GJ+16, HHC+18, JDB10, KB+18, Sha12].

Heat-transfer [Led71].

Heater [NGMW57].

Heats [DUI59, Led71, MDJ+70, Lan61, Lan00a, LD72, Pa72, RK72, WHI72].

Heat-transfer [Led71].

Heater [NGMW57].

Heat-transfer [Led71].

Heatmaps [PMW06].

Heights [CP86, FR60].

Heled [BCRT74].

helical [MKP73].

helicopter [JC00].

Helios [SKP06].

helper-thread [SKP06].

Helping [DDDKW12].

Hematologic [FE75]. Heme [FE75].

Hermitean [CW58].

Heterogeneous [NMTP14, FNY+10, MSG72].

Heterojunction [KSF90].

Heterojunctions [And60].

Heterostructure [TFW90].

heterostructures [LFC95].

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, FLMK06, JL99, KAB+12, MIH01].

High [An08, AFR62, BDWZ83, BCSE89, BJS80, BOS+95, BCF+07, BFG+06, BBS2, BAH82, BHWZ63, BCRW82, CD78, CDS+86, Car60, Cas60, CT06, CEY84, Dav82, DHSC64, DKR+90, DC82, DB76, EB91, FP69, GCPV85, Gaul7a, GS84, Gra80, Gre79].
Gus03, HBL62, HVK+90, HDW+07, Har63, HCB07, Hoa58, Hoa61, Hop59, JWL82, KJMS6, Kra81, LV67, LHW81, Lns81, LY83, MM75a, MTF+95, MKW+05, Mar64c, MPST66, MH98, Moh70, NNMJ01, Ngu99, OK52, PH74, Pat85, PGN88, Pef66, Ree69, RP66, Sam81, SW98, SJK0, SN02, Sch85, SRCW97, Sko58, SGC+87, TW69, TKK+92, VCP80, Vur70, Wei79, Woo75, ZL87, vv86b, AAF+09, AGZ94a, AGZ94b, BJM+06, BKG+82, BGO03, BGL+92, CBB+05, CCJH81, CBH+05, CCW+02, CFP+07, Dat93, DHC00, DKS+95, DHK00, Eme89, FNRF89, FL89. high [FYN+10, FMP+03, GOVC7, GAOD71, GSG+90, GNF06, GJ00, HMB+89, HBC+99, Hoa00, Ism00, IFB+11, KC89, Kat89, Kel89, KBK+97, KIF+89, KPT+02, LPPT86, LL98, Lip92b, MCAW95, MPHC90, Me98, MAD+98, MBB+01, MS89, MZS+93, Mor89, Nob95b, Pat73, PGS+98, Pet89, PV93, PKZ+03, RAG11, RH90, Rub90, SGT+98, Sar97, SGS+96, Sch71, Sch89, SGC+95, SPR+95, SWC+97, SLJ+15, Tho70, TPC+13, UBK+88, VW78, VWEO2, WL97, Wei90, WK98, YCB05, YR91, ZG71, ZCK71]. high- [GSG+90, GNF06]. high-availability [VWEO2]. High-Density [BDW83, BCW82, CDS+86, Gra80, LHW81, Pat85, Sko58, MTF+95, Ngu99]. high-dimensional [YR91]. High-Efficiency [RP66, SJK70]. High-end [SN02, Lip92b, FGS+98]. high-energy [FNRF89]. High-Field [HBL62, Ree69, Vur70]. High-Frequency [FP69, Moh70, CCW+02, CFP+07, PKZ+03, WL97]. High-level [BOS+95]. High-Linear-Density [Sch85]. high-moment [CBH+05]. High-numerical-aperture [SRCW97]. high-order [Sar97]. High-Performance [BB82, BAI82, DHSC64, GCPVG85, HCB08, OK82, SGC+87, BFG+06, Gus03, TKK+92, AGZ94a, AGZ94b, BGL+92, CBB+05, DHSC00, DKS+95, FNY+10, GOVC71, GAOD71, GJ00, IFB+11, KBK+97, KPT+02, MCAW95, MZS+03, PV93, RAG11, Rub90, SPR+95, SWC+97, SLJ+15, WK98]. High-quality [CT06, HBC+99]. high-refractive-index [BGO03]. high-reliability [YCB05]. High-Resolution [BJS80, DC82, Hoa58, JWL82, Kra81, LY83, SW98, LPT86, LL98, MBB+01, PGN88, SST+98, TPC+13, UBK+88]. High-Sensitivity [VCP80, Sch71]. High-Speed [AFR62, BHJW63, Car60, CEY84, DB76, Har63, Hop59, LV67, MPST66, Pre66, Wei79, Woo75, ZL87, BCF+07, DKR+90, HVK+90, HDW+07, Lns81, MKW+05, BJM+06, BKG+82, FMP+03, Ism00, MPHC90, Nob95b, Tho70, Wei90]. High-Stability [YB86]. High-T [BC889, FNRF89, FL89, HBB+89, K89, Kat89, Kel89, KIF+89, Me89, Mor89]. High-Temperature [Ano89, GS84, Eme89, Pet89, Sch89]. High-throughput [NNMJ01, PGN88]. High-Vacuum [Cas60]. High-Voltage [Gau77]. higher [DBK82, ZTC+13]. higher-order [DBK82]. highest [MR72]. Highly [Bea74, JWS06, SG94b, SHT11, ACFS16, ACD+15, BFG+99, CDC96, FGMPK05]. HiperSockets [BEE+02]. Historical [PC85, SG99]. History [All81, Ben88, Ito00, Sam81, BPS81, Ben00, Spi93, Ito97]. Hit [Gec74]. HIV [YCJ+17]. holographs [FS90]. Hold [Cor84]. Holding [Mat85]. Hole [FA70, GFHW82, RS69, VM79]. Holes [SBR64, Tie61]. Holland [Bil70, Bil72]. Hologram [SJK70, MS89]. Holograms [Arm65, UL70, Win70, BL69]. Holographic [ABB+00b, Lor70, RC17, WS72, Gab69, SGY+98]. Holography [DSW82, MW70, Ano70a, BWB+82]. homeless [YCJ+17]. Homogeneous
homologous [YHA71]. homomorphic [BC18]. Hook [Ken61b].

Hopsotch [GM72]. Horizontal [Ost84]. Horn [vv86a]. Horn-clause [vv86a].

Horner [Dor62]. host [AHM+07, BCH+16]. hosted [CPT+08]. Hot [Lud00, MNP+69, Pri59, Pri65, HF90, Pri70].

Hot-Electron [MNP+69, Lud00, HF90]. HTC [Gou89]. Hub [CNP+15]. Hudson [KCH+09]. Hull [AW76, Dun57a]. Human [CK63, TL70, DB01, FSG+73, MG68, RP14].

humanitarian [PSD+17]. Huntington [PCW+17]. HW [KKS02]. HW/SW [KKS02]. Hybrid [GKMP04, Lio67, PKB+09, RP70, WSW83, IMC+10, PLK09, VLB+09]. Hydraulic [MJ64, Ti61]. hydraulically [Gre60].

hydrocarbons [Cas71, CNC+08]. Hydrodynamic [SCRV78, TT74]. hydrodynamics [SDS89]. Hydrogen [BBS78, Key61b, Lev64, Pan78].

Hydrogen-like [Key61b]. hydrology [Fre72]. hydrophobic [FXL01].

Hydrostatic [MNP+69]. Hyper [KKS02]. Hyper-acceleration [KKSS02]. Hyperbolic [Lax67, GM72]. hyperconverged [AH+14]. hypercubes [HJ94].

hyperparameter [DFNNS17]. hyperparameters [OD17]. hyperpyramids [HJ94]. hypersonic [CPvR00]. hypophosphite [GB93].

I/O [ABB+12a, ABB+15, BBC+12a, CBB+04, CCD+09, CAC+13, CCC+15, GMS05, Gre97, GE02, GCS+12, HBB+07, HBL+09, HS04, HSL+05, OHK+07, SHR+09, SBC+02, WMK+07, WYTO04]. IBM [ACG+87, Age04, Age05, Age08, Bal05, Ber76a, Che06, Che08, DR08, DCG77, Des02, Des04, Don00, Kov06, Lan96, Mey03, Pri07, Ros03, SWC+97, Sta75, Wie76, WH94, ABC+99b, ADG+92a, ADG+95, ABE+02, AC86, ACG+86, ACG+87, ADS72, ABB+13, All81, ABB+03, AMF+02, ABB+12a, ABB64, ABB00a, Ana80, AST67a, AEGP67, ABB+12b, AAH68, Ano57k, Ano57l, Ano57m, Ano57n, Ano57q, Ano57r, Ano57s, Ano57t, Ano57v, Ano57u, Ano58j, Ano58k, Ano58l, Ano58m, Ano58n, Ano58o, Ano58p, Ano58q, Ano59f, Ano59g, Ano59h, Ano59i, Ano59j, Ano59k, Ano59l, Ano59m, Ano60i, Ano60j, Ano60k, Ano60l, Ano60m, Ano60n, Ano60o, Ano60p, Ano61f, Ano61g, Ano61h, Ano61i, Ano61j, Ano61k, Ano61l, Ano61m, Ano62f, Ano62g, Ano62h, Ano62i, Ano62j, Ano62k].

IBM [Ano63f, Ano63g, Ano63h, Ano63i, Ano63j, Ano63k, Ano63l, Ano63m, Ano64f, Ano64g, Ano64h, Ano64i, Ano64j, Ano64k, Ano64l, Ano64m, Ano64n, Ano65f, Ano65g, Ano65h, Ano65i, Ano65j, Ano65k, Ano65l, Ano65m, Ano65n, Ano65o, Ano66m, Ano66o, Ano66p, Ano66q, Ano66r, Ano66s, Ano66t, Ano66u, Ano66v, Ano66w, Ano66x, Ano67n, Ano67o, Ano67p, Ano67q, Ano67r, Ano67s, Ano67w, Ano67x, Ano67y, Ano67z, Ano67v, Ano67-27, Ano86a, Ano86b, Ano89, Ano90a, Ano90b, Ano90c, Ano92b, Ano92c, Ano92d, Ano92e, Ano92f, Ano92g, Ano93c, Ano93d, Ano93e, Ano94c, Ano94d, Ano94e, Ano94f, Ano94g, Ano94h, Ano94k, Ano94l, Ano94l, Ano94m, Ano94n, Ano94o, Ano94p, Ano94q, Ano95d].
impaired [AKNR10]. Impedance [Har76, Ma70, Pen70, HRW69].

Impedances [BBT60]. Impinging [MKJM93]. Implantation [GT80, ZCK71].

Implanted [DYH78, GS80, RGL75, WS75, YDH78]. implement [BBT60]. Implanted [DYH78, GS80, RGL75, WS75, YDH78]. implement [BBT60]. Implement [AK82, ABB85, AC84, Ber85, BBGP94, EFR05, FT80, GCPVG85, HF94, LBH+75, MS78, SW83, Sow84, Wil85, AAC05, AHH14, BCG+09, DBH+09, BMK+05, CBV08, CRDI07, DDZ+07, FAD+07, HFH94, RB90, RWW07, Stu70].

implementations [BBG+14, MP88b, NFI+08]. implemented [LBB+13]. Implementing [NMF10, SW86, Har71].

Importance [DBK82]. imposed [Coo90]. Improve [LV62, FKOW16, YT16]. Improved [BEM+92, Bh79a, CPZ63, Lew83, Sav90, SK80, Dan82, GB71, Mat89, SRD94].

Improvement [DW58, Fle58, Lin84, RKL88b, EM94, EK08]. improvements [HS04, JWS+09, SvBC+04]. Improving [AGZ94c, FE75, LF77, LKL+81, MI10, To97, BHP17, Sit71]. Impurity [AK82, ABB85, AC84, Ber85, BBGP94, EFR05, FT80, GCPVG85, HF94, LBH+75, MS78, SW83, Sow84, Wil85, AAC05, AHH+14, BCG+09, DBH+09, BMK+05, CBV08, CRDI07, DDZ+07, FAD+07, HFH94, RB90, RWW07, Stu70].

Indelible [Eas86]. Independent [Fra83, AT78, CS84, MLMP+12, MM94].

Index [Ano93b, Ano93g, Ano93h, Bax58, PC64, Ano92a, Ano92b, Ano93c, Ano94a, Ano94b, Ano94t, Ano94u, Ano95a, Ano95b, Ano97a, Ano97j, Ano98a, Ano98i, Ano99a, Ano99i, Ano00a, Ano00j, Ano01a, Ano01o, Ano02a, Ano02b, Ano03a, Ano03b, Ano05a, Ano05d, Ano06a, Ano06d, Ano07b, Ano08a, Ano08c, BGO03, HSL+10, Sit87, WL73, Bar75]. Indexed [AK82]. 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, Si96, SGS+09, Tan96]. Inducement [Kuh88]. Inductance [BRR79, Rue72, HOWP92]. Induction [DB79]. Inductive [Dan60, Wat60b, WWMS79, CCH+96].

Industries [LMHM96]. Industry [Car10, Gom87, Kov06, DKRS07, HZG+16, KAF+16, SP14, VAB+05, Yon07].

Inelastic [BEH+89, EHK+89]. inequality [Ris76].

Inertial [MR76b]. Inference [Wat60b, AC92, KPB+12]. Infinite [Ins76].

Influence [BS78, BB60, BBG60, HBR85, KMH82, Kus70, Mat62b, Pen79, RRB+01, Roe66, SSG69, HBR86, vK62]. Information [An58f, Hor00, IK00, KW62, Kuh88, Le78, LP75, Lor70, MHI98, Sea57, Sha58b, Sh04, SY73, To88, Wat60a, Wat60b, Win70, AKNR10, An98, And10, BS03, Cha77, GDA14, GAB+08, HH04, Joz04, Luh57, MAD+98, PSD+17, SI09, SKC+10, SHM+12, VAB+13, VR00, ZW17].

Information-Carrying [Kuh88].
Information-Content [MHI98].
Information-Theoretical [Wat60b].
Infrared [BLLS79, CSH+89, FL74, GHW70, GL62, Heb64, BW3+82, Mah93, Sek93].
Infrastructure [RB8+02, AH8+14, BCG+99, BMS+17, BSN+12, CH06, CJI+16, GCS+12, HBB+05, KAD+16, RRM+17, 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].
Initio [Cle65a, BBK+04, GR+90, VBE94, War90, BGAJ94, EV93, MHI01, Mat03, SLC+97].
instructional [WA15]. Instrument [Shi85].
instrumentalism [HHH04].
Instrumenting [CRHPP09]. insulated [CDS3, CDS00, KM73]. insulated-gate [CDS3, CDS00]. Insulating [PDLM67, TY64]. Insulator [RM70, HD73, IFB+11, Sta02]. Insulators [LMD70, Ckg+99]. Integer [M57, Ode64, Pri58c, Swi62].
Integrals [CCE+88]. Integrated [Ame80, BSS82, GPE99, GKK+80, Gsc99, HZG+16, KL70b, KL80, KW38, LRM+95, MW80a, OCR+98, OMA+96, RSS38, RMS65, Rot66b, Rot74, RB92, Rue79, SLJ+15, Sta83, Sta84a, Sta84b, Sta85b, Sta87, SST+77, BNN+09, BGLM+09, CBB+90, DSZ+12, FMS+92, FMP+03, Hei90, LFR+5, LD72, LGF+09, MPCI90, Ngu99, OR92, PZGL+91, RP14, RFB+03, Rue72, SSY12, Srr+96, Sta89a, Stu70, TFJ+96, TLS+06, Vob71, Wie90, WSBL+90, EGS+85, RKW+99, SY92]. integrated-circuit [Sta89a]. Integrating [AFFS98, HLT+09, IFB+11, KBJ+18, BGL+07]. Integration [BL15, BHB+67, Lev66, RR83, Thr65, War63, ABB+99, Buc99b, CAC+13, FW67, HKD+06, KAD+08, KY+08, MDZ+02, NMT+14, PSP+06, SPM+04]. Integrity [RM10, Irv89]. Intel [BCC+01].
Intell-based [BCC+01]. Intelligence [Gri92, Luh58b, AAB+16, GMB+16, HJW+16, Rao16, RC09, SSK+16, ZB+10].
Intelligent [GR58, WGF+06, YMR+14, FGH+06, SSI5, IMS+0, RKMY+02].
intensities [Zie98]. Intensity [SA06, ZS03].
intensive [AHN+03, AH+01, BBS+91, GR92, SSB+12]. Intent [HRZ14].
Interactions
Interactive [AS74, Cha87, Dic91, Eas75, Far83, HMW74, PWFB91, PW72, SSL73, Sow84, AEZ84, Bal91, BKM+99, BL15, CSW73, FGW81, Kan15, KGT88, NMH+07, PS91, SA98].

Interagency [HS11].

Interatomic [Col59, HB74], Interatomic-Force [Col59].

Intercalate [Kau81].

intercalated [ZVW+11].

Intercept [ABCR65].

Interconnect [LCHL95, MDZH+02, Sec95, HDW+07, HBB+07, MSB+04, WDA05].

Interconnected [Str83, FGT91].

Interconnection [BSS82, BBH+67, Fra87, Kua95, ABC+05, ESHM95, HBL+99, KAB+05, LFR05, RGPP95, The00].

Interconnections [KLC84, Rue79, AUD+98, DKS+95, Gol69, MCAW95, NL69, SAT+08, interconnects [BIK+05, DSM+99, YCB05].

Interdependence [BLR84].

Interfacing [ABM+01].

Integrate [MR79].

interpretation [HHC+18, VGHL+16].

Interpretation [Far83, Far91, Leh78, Pri58c, FAFL91, GLC89].

Interpreter [SW86, AT78].

Interrogation [Far87].

intersections [O’C89].

Intersymbol [AEH+04, BCF+07, HKLM97, HSH+88, HBL+99, HBL+02, LPZ+05, Led71, Lew12, Mir61, Okt71, Sek93, VWPB90, CMW92, Pen91, S01, YS64, AN98, Dat99a, FM75, FT98, FBG12, How92, Lan84a, Lan84b, LBC+14, To04, CS97].

Intuitive [EWBR09].

Invalidating [Lon75].

Invariant [Ull65].

Inventors [Ano67n, Ano67o, Ano67p, Ano67q, Ano67r, Ano67s, Ano94c, Ano94d, Ano94e, Ano94f, Ano94g, Ano95d, Ano95e, Ano95f].

Inventory [BCE+07, S01, KBA07, el 69].

Investigated [Dür94].

Investigation [AS74, MVK85, SGC+87, WB70, BNT86, BHH+59, Shi72].

Investigations [GMW80, SH63].

Investment [GRS13].

Iodine [BC60c].

ion [DG93, LG88, Lev66, RGL75, Bag94, Cop00a, KBF+92, Kuo92, LCL+98, RLK88b, Spo94, ZCK71].

ion-beam [RLK88b].

ion-beam-processed [LCL+98].

Ion II [GDB16].

Iron [BB60, KS66, KP63, MHS62, NBRB70, PBF60, SK69, Sha58a, SO1, KWT+11].

Iron-Nickel [NBRB70].

irradiation [SMV90].

Irredundant [Ga57].

irregularly [AG72].

Irreversibility [Lan61, Lan00a].

Isolated [CGR88, LS78].

Isometries [CLW79].

Isomorphism
Large

Large-Area [DO74, Sta89b]. Large-field [DAB+97]. Large-scale [CAS+91]. Laser

Large-Vocabulary [DFM+88]. Larger [CAS+91]. Large-scale [CAS+91]. Laser


[All81, ADST78a, BS06, BHP83, BKU88, DFM+88, Hei76, KRD+14, Kin61, LG78, Lek78, LN79, Pet76, Pla76, SFT78, Sow84, AKB+17, ADST78b, ARS+17, BCD+17, BHP17, CDF+91, CPH+17, Den80, KeT3, NMTP14, SMS80, WN92, HAG+13].

Languages [Lon76, Lue81, MO84, Sam83, AR87, CGS61, Dun57a]. LANs [BS85, CS03]. Lanthanide [GSP+90].


Large

Large-Area [DO74, Sta89b]. Large-field [DAB+97]. Large-scale [CAS+91]. Laser

Large-Vocabulary [DFM+88]. Larger [CAS+91]. Large-scale [CAS+91]. Laser

[Bro78, BH79, CCC+79, Chu82, Cro79, DN97, EHMW81, FL74, FLR77, Garb70, Garb44, HHHM66, Har63, HD69, HMR82, HK+11, HFDN63, Key65, Key70, LS64, Lm79, LSH79, SA66, SLLP64, SLH+67, Zwe65, vAR82, DAB+97, DP68, HA71, Key71, Mar71, Sor79, Sor00, SPP97, Spr71, TWRW89, WW71, vS98]. Laser-enhanced [Chu82, vAR82, vS98]. Laser-excited [HK+11]. Laser-Induced

[Har63, HMR82, Lm79, DP68]. Laser-Optical [FLR77]. Laser-pumped [SLH+67]. Lasers

[Ah79, Cha79, DC82, Har65, JWL82, KMCY82, Ls63, LF64, Mar64c, MG63b, PR65, SL67, TB82, CBM79, MG68].

Layer [Cor84, Gra80, Mat85]. Layer-up [Mat85]. Layering [BS06]. latency [FPP+13].


[AS76, BKB76, CERS76, CCD57, DD63, Pic87, Seg62, SD89, WY76]. Lattice-gas [SD89]. Launch [BDH76]. Launches

[RM94]. Law [Col59, SW62, CPD+09]. Layer [BWS83, Kue90, Lee77a, RWC80, RVV88, Wre83, CDD+12]. Layered

[CS85b, Sch89]. Layers

[FT64, Gar86, KLPB84, MY70b, O'H78, PW78, TY64, CU98, PM72, Whi93]. Layout

[CO84, FLK84, BH+95]. Layouts

[Lew80]. LC [YK98b]. LCD [KK98]. Lead

[GL62, How82, JG63, Vii82, BCSE89, KS+05, SAT+08]. lead-free

[KL+05, SAT+08]. Lead-Thallium

[GL62]. leadership [ADJ12]. Leading

[HM90]. Leading-zero [HM90]. leads

[EG00, Gus97]. Leakage [GT80, VCP80]. leaks [SBG+13]. learned [Mer04].

Learning

[BBD+17, Fr68b, FDN59, OD17, RSS+15, Sa59, Sa67, WM92, BHW+17, BSRG17, CK17a, CNP+17, CNP+15, DBNK+17, Fr58a, GKT17, HKD06, KCML13, LRMT95, LGBV17, MKB+15, NG17, RK51, Sa00, SCC+15, TGG+12, ZZBB17, CNP+15].

Least [Cio86, Goz94]. Least-Squares


Legend [Rob67]. Legendre-Clebsch
[Rob67]. Legion [GHN04]. Lemmas [Kuh60]. Length [Don81, Fra70, GLP76, DY89, JVP+90, SHWK+90]. Lens [RHM63, TH11, Bru97]. lenses [DH69, TW69]. lesion [BSRG17]. Lessons [DSZ+12]. Letter [And60, BC60b, BBT60, BB60, BB62, Bre60, BA62, BLB+63, BN63, Car60, COC61, Con60, CK63, Dam66, Die62, Dod63, Dum63, FMP61, FK62, FC63, Has62, IM60, Ken61a, Key61b, KW62, KKK61, KP63, Ku63, Kue60, LDDB63, Le 62, Lei62, MW62, MVB62, Mar60b, Mat62b, MS60a, MP61, Mel60a, MWN63, MHS62, MG63b, NM62, ON60, Pal61, Par60, PK61, Rad62, Sch67, Seg62, Smi60, SB62, SS61, Tid62, Ti63, WK60, Yu61]. levee [SvNH13]. Level [BCK13, Bru78, Cle83, FH82, Sam81, SH69, AW82, Aqn62, BOS+95, BJS+13, BBS+03, DSW71, GON+06, GPL+92, HPW+02, JK93, KYY+08, Pat89, RBK+08, SM16, SG95, Wi97, WBB+04]. Levels [Fle58, KLC84, Sq59, KSB07]. Lewy [Lax67]. LEXX [Cow87]. Li [Les71]. libraries [Agr01, Aus90]. Library [LS75b, BPS+96, MBC+96]. Life [ABD+14, BB09, Kiov66, Kuh88, McC69]. lifecycle [BGJ+17, KAA+18, WTT+14]. Lifetime [FL59]. Lift [HCS80, MW80a]. Lift-Off [HCS80, MW80a]. liftoff [CH82, HMM82]. Ligand [STW+08]. Light [BLB+63, CJ78a, Dum63, FPS66, Her66, Key63, KHKM64, LDDB63, LS64, MWN63, PRY65, SW98, SB62, VG74, BLD97, CU98, CA01, DSR98, DP68, HP01, Lax67, LS72, Rab69, RR+01, RDD+98, SGP+98, SST+98, SS00, Sh73, TMS78, YL98]. Light-absorbing [Her66]. Light-Activated [PRY65]. Light-Emitting [BLB+63, Dum63, LDDB63, MWN63, FPS66, CA01, HP01, RRB+01]. light-source [DSRC98]. Light-Valve [SW98, SST+98]. Lightly [Lu63]. lightwave [BG03]. like [Key61b]. likelihood [Boh70, EOH10, Sta73]. likely [OKH+02]. Limit [Heb64, Tau02]. Limitations [LS64, BJW72, CBBS90]. Limited [BJM+06, Fra70, Mag73, MS60a, HC69]. Limits [Bro88, Key88, DAA+93, DAS+94, Emm97, EHP05, Fra02, Key00, NBF+16, PK88, Sta02]. LiNbO [HD69]. Line [BF77, Ber64, Damb67, GWH70, GC81, GM63, Hop61, SAL63, Sve78, Tay79, Tod78b, ZL87, ABC+99a, ATW97, BH95, BP74, BFH+93, HRW69, MBC+96, RS94, Rei96, Tib93, Wee72, WC69, WWA+98, YGS1]. linear [Ast67b, CW72, ET86, GK64, MY67b, MW70, Nus77, Pin76, Poh66, Prit76, Sch85, Sie63, Tuc60b, AW82, AGZ94c, BE03, BM68, CIE+03, DWW90, GB71, Gu76a, Gu76b, Gu87, Gu63, Las61, May60]. linear-algebra [Gus97]. Linearization [Ger73]. Linearly [KO67]. Linearly-Graded [KO67]. Lines [Gru79, Hor76, Mult67, Os85, WIt85, Cra88, DKR+90, Ho73, HRS+95, Kep75, Lan60]. linewidth [CAC+95]. linguistic [BC00]. Link [Cro79, MT77, TRRM15]. Linked [CT76]. Links [TW62, CBB+04, FMP+93, GLOS92, KACS95, PK03]. Linpack [KBB09]. Linux [BKK+16, ZST+07]. Liquid [BL62, Bog79, DC82, Lan85, Lee74, Lee77a, Mcg92, Pin76, PL77, RL70, SW98, Spr63, Tu75, AT00, AHW+98, CJ78a, CJ78b, KFY92, KRC68, LL98, LCL+98, NSC98, RDD+98, SHWK+90, SST+98, SS00, TSH92, TCC98, WWA+98, Yan71, YHA71]. Liquid-Crystal [DC82, Mcg92, SW98]. liquid-nitrogen [SHWK+90]. Liquids [MW62, DP68, Shi73]. Literary [Tas57, Luh57]. Literature [Luh58a, Bax58]. Lithographic [DMW77, MPS77, BDS+97]. lithographical [BTW92]. Lithography [BLDM97, Bro88, Dav80, Gil84, HWC88, JWL82, Par80, PS80, RKF+97, Rot80, War93, AWHK97, Arc93, BRB+01, BGK+82, Bru97, CS97, DEG+01, GHP+93].
Load-balancing [CHG04]. Loading [van72, BBF63, HG83, Lan63, EC71].

Loaded [Chi60a, Con58, Con60, Mar59, Mar76b, BZ06a, CHG04, EV93].

Long-term [Don62b, Bar72b, HWC88].

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].

Lossy [GC81, DCR+90]. lots [NB+16]. love [Mer04].

Low [BH89, CFH64, CMC+95, Cre58, GM62, GBB+05b, HOWP92, HS91, Ins77, Jon65, Jon70, KDBT60, KBC+03, MJS69, Mey90, Mey00a, MPD86, RL70, SKB+11, SCYK78, Tay81, Tro00a, Bea90, BJM+06, CT06, DTTK95, EB91, EO13, FGG+13, HSS+10, JK93, LZZ+16, LCHL95, MZ+03, MHK+11, NHK03, PZK+03, SAT+08, SN02, SKS06, 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 [FGG+13].

low-margin [LZZ+16]. low-noise [DTTK95].

Low-Operating-Voltage [MPD86].

Low-overhead [HS91, EO13, SKS06]. Low-power [KBC+03, BM+06, CT06, MZ+03, PZK+03, SPR+95]. Low-temperature [Mey90, Mey00a, Bea90, SN02].

Low-Toxicity [RL70]. low-voltage [NHK03].

low-volume [SAT+08]. Lower [DH73, FL75, LF77]. LPE [Lew78a]. LRU [BK75].

LSI [CHS82, FS82, KMH82, Mon82a, OK82, Rot82, Sak79, Sta76, Sta00, Ver80].

LSS [DBG+84, DBG+00].

LSSD [BTP+90, Cor84, EL83, LSF84]. LT1280 [Bar83, PW83]. LTO [Jaq03].

Lubricating [Lan85]. Lubrication [TT74, VG74, BHH059, Gro59, Mat95, Mic59].

Luminescence [PF66]. Lump [Rut59].

Lumped-Parameter [Rut59]. Lung [Tay57]. lysozyme [ZEH+08]. LZA [HM90].

M [Don90, BDN+02, Bra72b, HWC88].
PZK+03, SHWK+00, SWC+95, TMF+95, ACM+89, Yet89. m-gate-length
[SHWK+00], MAA [Lye77]. Machine
[AST67a, Ast67b, Bax58, Fri58b, FDN59, Gro60, HFF78, HDK06, LH57, ND57, RR83, Sam59, Sam67, WM92, ZBBB17, AT78, Bei92, CGS61, Fri58a, HM71, MYKK+17, OD17, Sam00, SSMGD10, ZY72, LH00, ND00, VBE94]. machine-independent
[AT78]. Machine-Made [Bax58].

machine-printed [HM71]. Machines
[Bau84, BMS80, GR58, Gum83, SH57a, FHP10]. Macro
[GLL80, HY84, MM82, Ver80, PAP+95]. macromolecules [HMK01]. Macros
[Jon75, Sch80]. Made
[Bax58, BA70, SBF+97]. Magic
[CSS83, Par98]. Magnet [JT66]. Magnetic
[AKK+67, Ad70, ABGK90, Ahn66, ABPS66, Azb88, BTW62, BBP72, BBC60, Bhu79a, Boy60, BBK86, BS70, CDG+86, CHB85, Cha62, CLV80, CC78, DAV77, DP59, DPW60, Die62, Don62, DSS64, EG80, Fan61, FLP90, Flu67, FP57, FK62, GLS67, Goo62, HPWW81, Hoa58, Hoa61, KPS61, KJS67, Kru63, KHBC66, Kus70, Kuz70, LL53, LR65a, Map62, MPST66, Matt70, MP61, Met70, Mid65, Mid66, MW67, ND57, ODR70, OHS76, PW67, Par60, PH74, Pat75, Pat85, PFS+70, PSS67, RK66, SSW65, SH57b, SH57c, Sch85, Se85, Sie63, Sko58, Sla62, SMM66, SHS70, SHS70, SN98, TW74, Tim62, TH64, Wli70, WCB+86, WY76, AF68, AW98, Ano70b, Ano60c, BP98, BW81b, BS93, Coo90, Dee90, DPW00, ECH+04, FCH70, GP06a, GDR70, HJS90]. magnetic
[Ho90, Ha59, ICO71, Jon98, KT70, Kog71, Lew73, Meh89, ND0+04, ND00, OCR+98, Par98, Pat89, RE71, Ste81, SHCSS05, TB00, TFL+98, Vin81, Yan71, van89].

Magnetic-Core [FP57]. Magnetic-Disk
[ND57, ND00]. Magnetic-Field [EGS60].

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[YTF+11]. Magnitude [Par80, CIE+03]. Main [Gha75a, GMW80, PSS67]. Mainframe [AK82, DP13, EDG+13]. Maintaining [Now02, Tom72].
[APRS16, VNT16]. malware [HJW+16]. Man [BA70]. Man-made [BA70]. Managed
[CJ+16, ISV16, KAA+18, Pon17, VSS+09]. Management
[CT76, GLP76, LS76a, Pri07, RM10, Skl76, AAB+14, ABB+12b, BK10, BPS81, BGM+16, BNN+09, BNSS09, BFR13, BH03, BBB+05, BM96, BGG+17, Car10, CHH+01, CTD+16, CP+15, DM03, DJL+16, DYK10, EBO6, EWR09, FGK+07, FWR+11, FM10, FG+13, FLMK10, GDA14, GAB+08, GAJ+16, HZG+16, HS11, JS14, JW+W+11, KK5+09a, LRV+09, LS14, MSV14, MBA+12, MN97, MS07, PKK07, PAB+05, RAR+14, RHM+99, SCI05, SBD+10, SPB+17, SGK04, SVNH13, SCH+09, SCM+82, SCG+13, VRL10, VOW+12, VAB+13, WLB+15, WSE+16, YSH12, vKCD+10, CHY92, PS09].
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Manganese-Iron-Oxygen [Sha58a]. Manipulation [AMG+87, CAE+76, THL85, Agn02]. Manipulated [Tay79]. Manley [RP66]. Manned [Jam81]. manufacture [CAC+95, GHP+93]. Manufacturing [BW83, Don00, EGS+85, GAC85, Har81, HMH97, MT81, SW67, AP69, BBH82, CDD82, CMS85, CNC+95, FGP+85, FS82, KL70b, KL94, LRM75, MCH+82, Osb93, Ros99, Rot82, SCH+09, Stu70, Tib93].
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Mathematics [Coh87, HM87, Wan60, AKM+03]. Mathieu [Lev66]. Matrices [Erd59, Fla65, Sch84, AGZ94a, CW58, Fl70, Gus03, PS91, Tae68]. Matrix [Chi60a, Con58, Con60, Her66, Mar59, McA83, Tuc60b, ZH89, AGZ94b, ABG+95, AIH+98, CAW+98, Gup97, LCL+98, RS98, Riss72, SIT71, TOll7]. matrix-multiplication [AGZ94b]. Matter [FRE+08, GZE+05].
Mature [Tay84]. Maximal [ari69, Mar64a, MS60b, Pat70]. Maximizing [RMM03]. Maximum [Bar80, Bar86, Boh70, EÖH10, FHS06, Mac60]. maximum-energy-concentration [Bar86]. maximum-likelihood [EÖH10]. Mb [FKOP90, GP06a]. Mbps [OCB+90]. Mc [Rut59, RS95b]. MCAW [EBH+16]. MCM [KBM+99, KPT+02, Lee77b]. MDGRAPE [EKS+04]. MDGRAPE-2 [EKS+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, EGS60, FF73, Hun59, KKS+73, Smi60, VCP80, BP74, DR93, GRH+08, GLCW93, HD73, KMK68, KO69a, KS01]. Measurements
[Ahn66, Bro66, CEY84, DKAC67, FFH64, KC89, KWP88, Map62, PSH80, Sie70, WB70, ABC+99a, CDM89, ESHM95, EFR+05, LS72, NB+16, Peh69]. 

**Measures** [FH84, Gia66, HP84a, Sav70]. 

**Measuring** [Beb62, DH69, FL74, KRS+17, RSL+70, Yan71]. 

**Mechanical** [AOR62, BBKW66, DH83, LW77, Tay57, TBG]. 

**Mechanism** [Ahn66, Bro66, CEY84, DKAC67, FFH64, RWC80, SSW65, SMD80, Swa60, TFR]. 

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**Medium** [Cop00a, Gru79, Mir60, CDD+10]. 

**Medium-energy** [Cop00a]. 

**meeting** [MWL+14, KSB07]. 

**Megacycle** [WRLA57]. 

**Megapixel** [SGY+98]. 

**Meissner** [Mat62b, vK62]. 

**melanoma** [CNP+17]. 

**Mellin** [Lew75]. 

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**Membrane** [DWGC85, Pet79]. 

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**Memories** [Ast58, Gra80, Sch63, WT77, FR01, Gab69, Hui90, KM+08, Lai08, ORT+96, VTMB+90, Wu57]. 

**Memory** [Aic84, ABPS66, Bar75, BBC+64, Bla63, BCH84, CFL73, CH84, CR84, CLW80, CPZ63, Cro57, Cve87a, Dahl63, Dub72, FHVZ80, FMP61, FP57, Gar57, Gha75a, Gha75b, GMW80, Has62, Hor62, JM64, KPST61, KJMS67, KHBCC66, LL99, LH57, LH00, LST80, MRH89, MLGD84, Mat80, MP61, NAB+15, ND57, ND00, OBB+05, Ost84, PSS67, PCH81, RS94, RRSW61, RWC80, SSW65, SMD80, Swa60, TFR+01, Tro80, WWLF67, AGZ94b, BS06, BBP72, BPS81, BAB+13, BH80, BCC92, BKS+08, CP97, CTT91, CGN72, CW91, Don74, DMR+81, FP73, FHPR01, FW08, Hat72, HRG80, Lar80, LGW+15, Lec77b, LH84, MBJ+97, MDB+02, MI01, Mat03, MLMP+12, MCG+15, NFS+17, OWG+13, Pat72, RBB+08, RHC73, SKSP06, SSD+15, Sur15, Tol97, TGB+80, Won90, AFP+01, SAPT01]. 

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**mechanism** [BEE+02, NNJ01, SW10]. 

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**Metabolic** [NBF+00]. 

**metabolism** [LPT86]. 

**Metal** [BLR84, BRA84, Fre70, LMD70, RM70, RWC80, Was88, BNT86, CWC95, Dat98b, DN97, Dur94, GB93, GN06, HSH+88, KMB+08, OHWR88, SN98, WVJ11]. 

**Metal-Insulator** [RM70]. 

**metal-mediated** [GB93]. 

**metal-oxide** [VWJ11]. 

**metal-polyimide** [DN97]. 

**Metal-polymer** [HSH+88]. 

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**Metallic** [Coo62, Lan88, SC88, CCG73, Lan57, Lan96, Lan00b]. 

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[KJ86, Lit62, Dat93, KJSG+88].
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GB71, HRW69, JP94, KN91b, KSK98, Lan66,
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[CW83, LS84, SH84, TS82, ABB+99,
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EGH+96, FPB+11, HNS+03, HKR+97,
KBK+97, KEL+00, Mat98, RB90, RBK+08,
RFC+07, SCC+97, TPM+08, WBW+15,
ZFG+11, EPP10]. Methods [Bro66, Dub83,
FRA70, FP83, Gaz78, HS85, HW81, HS61,
KLS66, Meg63b, Mir69, Ode87, Sch62b,
ATW06, Boh73, GM72, GK64, Ham90,
HH99, HM71, HOK66, Hor98, HR97,
HE10, Kri82, LO72, Mac60, MDR+07,
Meg63a, RW95, Wid67, Wol72, WBT+10].
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[DRSM15, FM10]. metrics [BC18].
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SBT+09, SKT+05, SVE+15, TDF+02].
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[CGM+15b]. microcode
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[CN74]. Microcontact [BLDM97].
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[AK82, CT82, Cor82, HS81b, ML82,
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BCJ+96, BBGP94, BCC+12b, CCW+02,
CFP+07, CJB+15, FKG+07, FPB+11, GP81,
HKR+97, J096, KL97, KAB+12, LR97,
LRH+02, MFB+07, MP82, SRL+11,
SBT+09, SWC+97, SPM04, SMK+99,
VMM+94, VLP+05, WKP+02, WL97,
Web00, ZS03, ZFG+11].
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[HS81b, GP81, MBF+07]. Microprocessors
[RS85, Sta85a, ABB+99, BBS+03, CS99,
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[AMGC86, APS86, BCS86, CW86,
DHTW86, KJ86, vV86b, BNT86, KKT+95,
MPHC90]. Microscopy
[An86c, DFR86, FX86, Fin86, Gar86, GH86,
Gom86, HG83, HBR85, Poh86, SB86, TH11,
WKB+86, All00, Bto00, BR00, Dür94,
EBd+86, HBR86, KWT+11, Lud00, LFC95,
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SA00, St091, Tro00a, TT198, VVV11].
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[GLCW93, Ab666]. Moisture
[BP84, MLSS84, MVK85, BBF+05].

Molecular [ABR71, BBS78, Dem78, Lun79, MY67a, MY68, RSS82, ACM01, ABM+01, BBK+08, DP68, EB06, EFG+05, Far98, GZE+05, GI88, Gy908, KHZ+08, Mat95, SPP+05, WPB91, ZEH+08]. Molecule
[MY67b]. Molecules [Cle65a, SLLP64, Cle60, Hun71, MHW95, TWR89].

Moment [Cas70, HC70, CBH+05].

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[CDL+14]. Monitor
[MI98, MHR+15, MAD+98, WCNSH94].

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[Cle63, CMR72, Irv91, ABC+99a, BCH+16, BAV+09, BSN+12, BFG+99, CDSW06, HKA+13, Hor98, KCH+09, LR97, MSV14, MCO9, ODL+09, SCW10, Sta76, Sta00].

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[BFL66, DHK00, CGN72, KAC95, Spr71, TS69]. Monopole [Lev66]. monoxide
[KLE71]. Monte
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[HS60, Koc59, Lam77a]. Moore-Shannon
[Koc59]. Morphological
[Ins77, BBPS91]. morphologies
[KSH+08]. morphology
[SRD94]. MOS
[BBHS84, Lud00].

MOSFET [Ano66b, AAC+06, EKTT90, Gae79, OKH+02]. MOSFETs
[LBT99, LDSA02, WS75, RGL75, SFG+06].

Motion [BBT83, Hau67, Hen83, Her65, Mir60, RVV88, Bau72, BS71a, GYK99, Gre60, HAG+13, MHW95].

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[MR76b, BSSZ76, LRSN17]. motoneuron
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[BSY+15, McN94]. Movements
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[ALL77, AAM+07, BGT74, LPA+15, Sti79, BM68].

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[BT67, BW83, CW83, HSL+10, Kru84, Okt71, Ros66, Sak79, TYM+14, Wre83, ATL+88, CLP+13a, GWR90, Irv93, KMM+16, LQ504, Mon82b, NLP17, Okl03, RBB+02, SL09, ST89]. multi-adaptive
[LQ504]. Multi-Chip
[CW83, GWR90].

multi-core
[SL09]. multi-delay
[NLP17]. multi-factor
[CLP+13a]. Multi-fluid
[Okt71]. multi-gigahertz
[Okl03].

Multi-Head
[Ros66]. multi-image
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[HSL+10].

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[BW83, Wre83]. multi-loop
[ST89]. multi-node
[Irv93]. Multi-period
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[ATL+88].

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[RBB+02]. Multi-Stage
[BT67]. multi-tenant
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[GSW04]. Multichannel
[WA79]. multichip
[KPT+02, MKW+05, PGS+98, WKD98, YCB05].

multicolumn
[Bil72]. Multicommodity
[VJA07].

multicompartiment
[TMW+17].

Multicomponent
[Bil70, WC69].
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Multicore-processor [FNY+10].

Multidimensional [KM77, FAFL91, TG91]. Multifaceted [GSC12, HJW+16].

Multifont [RH75, KL63]. Multilayer [BB82, LDL84, Cha88, DN97, FLP90, GA88, RRB+01, TKK+92]. Multilayers [Jon98, Par98, SN98, VWJK11].

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Multiobjective [Agr01].

Multiple [Ano66j, Bla65, Dah63, DLK84, DN97, SS87b, VM79, Wei65, Bay69, LDSA02, MN67b].

Multiple-Access [Ano66j, Bla65, LKY80].

Multiple-Curie-Point [DK67].

Multiple-Element [DW58].

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Multiprocessor [FL75, KDH+05, LDSY91, LRH+02, MH101, RSS91, SRL+11, SWB+91, SON+91, VLP+05]. Multiprocessors [CSZ86, BLM+92, FGT91].

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Multipurpose [Dun57b, DMN+59, EBD+95]. Multiqueue [Lei62, Lei61]. Multiqueuing [Sch62b].

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Muon [Kel89].

Muon-spin [Kel89].

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MVS [ALS81, CHY92, SV92]. MVS/ESA [SV92].

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mycotoxin [NBF+16]. myocardial [LPPT86]. myofilament [HdTR06].

n [HC69, KO66, MG63b, BS69, BGK+80, EB99, KO67, Kog58b, Kog58a, MN67b, SS87b, VM79, Wei65, Bay69, LDSA02, MNP+69].

N-Alkane [VM79]. n-Ge [Bay69]. n-InSb [MN67b].

n-MOSFETs [LDSA02].

N-Queens [SS87b].

N-type [MN67b].

NACME [Gar00].

NAMD [KHZ+08].

name [AFCB94].

nanocrystal [MSG+01].

nanocrystals [MSG+01].

Nanolithography [UBK+88, SS93].

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Nanoscale [ZVW+11, HST06].

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nonbinary  [Dan82]. Noncoded  [CMP87]. Nondegenerate  [Gar64, Lew73].

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Nonlinearity  [ON60]. Nonmetallic  [HSM84]. nonohmic  [Vur70]. Nonparabolic  [PB69].

nonrigid  [RG09]. nonsingular  [RW59]. Nonsymmetrical  [Gar64, Lew73].

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nonvacuum  [ZSZ96]. nonvolatile  [NS+17]. Nonzero  [Pet77]. Normal  [Be74, Du59, Erd59, Gef88, Lit62, Mei85, BTWy92, CHdTG92, CHS82].

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Nozzle  [DLK84]. Nozzles  [Lev77, SBT87]. NP  [Koz81a, Koz81b].

NP-Complete  [Koz81a, Koz81b]. NPML  [EOH10]. ns  [MMR89]. nsec  [ABPS66].

NStrace  [SLC*97]. Nuclear  [Mas62, Me89, Tan96, ZBL+72, Bev69, BKM+69, FL69, Mol69, Yan71]. NUMA  [KFB+97].

Number  [LHW81, Nus77, Pri57b, AEG+02, BW81b, DB01, Lan66, LBB+13, Nus76a]. Numbers  [BD96, Cli90, SW90, Hol78, Kum98].

Numerical  [SCRV78]. Numerical  [Be74, BFT79, BS72, CPL+74, DB76, DBC+06, Dub83, Fro71, Fro84, GS87, LS78, LLI+92, Lev66, LR65b, NB61a, RE71, San83a, SBT87, Shi73, Shi72, SM63, Sug59, AGZ94a, BS71b, BGL66, FW76, KS01, MY65, SRCW97, Whi72, Mie59].

Numerically  [AHH+91, BBPS91, GR92].

O  [CSE66, KLB64, MKP73, WTP64, ABB+12a, ABB+15, BBC+12a, BPL+89, BH89, Bru78, CDM89, CBB+04, CCD+09, CAC+13, CCC+15, CSH+89, EB99, GSG+90, GMS05, Gref97, GE02, GCS+12, HBB+07, HFL+99, HS04, HSL+05, MRH89, OHK+07, SHR+09, SBC+02, Var89, WMK+07, WYTO04, vHv89+].

Obeying  [To88]. Object  [Bes74, SK80, Alf89, MS89, NFI+08].

object-based  [NFI+08]. object-oriented  [Alf89]. objectives  [And10]. Objects  [Gro76, Lom76, EKR87]. oblivious  [PVDF95].

Observation  [Ber76b, BA62, KP63, MHW95, PW68]. observational  [SXYP12]. Observations  [AAB+10, Jon65, MHS62, She59b, NT72].

Observe  [LS66]. obtain  [DN97]. Obtaining  [Ham78, HR69]. occupational  [BC00]. OCR  [CJ83, RH75]. Odd  [Hsi70].

Odd-Weight-Column  [Hsi70]. Off  [HCS80, MW80a, MS69, DTTK95].

Off-Axis  [MS69]. 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, ESHM95, LFR05, NFS+17]. On-demand  [Elg11].

On-Line  [BF77, Dah67, GH78, Sve78, Tod78b, BP74, MBC+96, RS94, Re69, WC69, YG81].

On-The-Fly  [Pat86]. One  [Bog79, BH79, CH82, Erd88, Gri90, LM80, Pim76, RCW80, She59a, WA15, CIE+03].
FRE+08, Gam72, Mar71, MN03, SGY+98. **One-And** [BH79]. **One-Device** [RWC80]. **One-Dimensional** [Bog79, CHS82, Erd88, Pim76, Gam72, Mar71, MN03]. **one-megapixel** [SGY+98]. **One-Step** [LM08]. **one-terabyte** [CIE+03]. **One-Way** [She59a]. **Online** [RP14]. **Only** [FMF61, Has66, JT66, MPST66, TK64]. **onto** [DKA+05]. **Ontology** [Pon17, FPST14, HHH04]. **Ontology-driven** [Pon17]. **Open** [AHM+07, BHP17, HTH+09, LD74, SP14, ZST+07, ADG+92b, CBD+09, GHL+04, GDA14, GWRS90, LH03, Mat03, RBL+09, van73b]. **open-queuing** [Mat03]. **open-source** [LH03]. **open-queuing** [van73b]. **BWT** [Operational ZG71]. **SGL** [Bro72, Bru97, DH69, DSRC98, GM69, HHF69, Hei90, Hen68, PK03, PR71, SGL+97, SRCW97, TJHK03]. **Optical-Digital** [WSW83]. **Optics** [LC82, MPS77, RSSS82, Zve65]. **Optimal** [BJ67, Bud67, Chi60a, Her75, Hsi70, Kan74, LF77, Lew80, Low74, Mil83, MP88a, PHT74, Rob67, BM68, EBD+95, FXL01, GHH+17, GB71, HSL+10, MD12a]. **Optimization** [BBH82, BDH83, Bou97, BMS80, Bra80, Cho74, Hal76, How82, Jur78, KLC84, LH03, MS75, PSW+07, SK80, SKE14, SMD80, Agr01, AAS+14, BCC+12, BKN10, BBH+95, BSJ+13, BGL07, DBHH+09, BR09b, CDSW06, Cor93, DFNS17, DXZ13, DBNK+17, Gol69, GCFW07, HHSR96, KBA07, KKL+14, KSB07, Mey00b, MS07, NRA+07, Sel07, TYM+14, TGL+12, ZFG+11, ZFD+15, Pul07]. **optimizations** [HS04]. **Optimized** [Bea74, MFB+13, BEE+02, FCE+15, LDJ+10, Mye72, Wei91]. **Optimizing** [Ada84, BGH+05, FHS06, GKT17, LB07]. **Optimum** [vdP72, van72, van73a, van73b]. **optoelectronic** [HKV+90]. **Orbital** [BBS78]. **Orbiter** [Soh76]. **orchestration** [AAD+14, HBT+16]. **Order** [El74, Koz81a, Pet77, SM62, Swa57, Tri58, van89, Agi74, BMK+05, DBK82, Koz81b, Kri82, Sar97]. **Ordered** [HC70, JM64, DH03]. **Ordering** [Kus70, PFS+70, Sie70, Gup97]. **orders** [CIE+03]. **ordinal** [HE10]. **ordinary** [FW67]. **Organic** [BH79, DM01, GFWH82, Lew78b, Mer78, MCK01, SS01, SL66, SL67, SLH67, ARM+01, CA01, DVM81, DG93, HP01, RRB+01, Sch71]. **Organic-inorganic** [MCK01]. **Organization** [BMK+05, LH75, RR38, WY76, BBP72, Cor69, FR01, GA68, Gro90, Jee58, LH00]. **organizational** [DSZ+12]. **organizations** [VRL10]. **Orientation** [BTW62, Cam57, RSSS82, DDMS92, WTS+11]. **Oriented** [FE75, LP75, Lom80, SGT78, Alfs89, GGH+13, Pes71, RD12]. **Origin** [CGLK77, Kuh88, Cre81]. **original** [Lan96]. **Originating** [Dah63]. **Origins** [MS05, Mat95]. **Orthogonal** [HBC70, OG87]. **Orthotropic** [BBT79].
paradigm [RCFN+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, Mir91, RGP+97, RKW99, RHM+99, SSM97, SCC+97, SWC+97, SG99, VPS88, WMH+97, AGZ94b, ABG+95, BSHM01, BH03, CR91, CBV08, CFK+91, CN94, CIJ+10, CNC+08, EG00, Fla91, JZ91, MKJM93, PMW06, RQBW08, Sar91a, SSW91, SNP06, STW+08, SZ91, VBC+08, ZEH+08, ABB+91, DP13]. parallelism [AGZ94a, HS91, LDSY91]. parallelizable [SG94b]. parallelization [BBK+08]. parallelized [CJ91]. Paramagnetic [SG64, Tit63]. Parameter [FL59, LHW81, Rut59, TLR85, Tw77, EKTT90, GFS71, Hos94, Sta73]. Parameters [CCD57, GOJN77, Lei62, WF87, DBNK+17, NG17]. Parametric [CHW75b, Okt69, ZZ69, Lan60]. Parity [Pat85]. Parkinson [PAH+18]. Parrinello [BBK+08]. Parsers [Mou86]. parsing [MMB12]. Part [Hum59, KKS02, BLB+63, Dun57b, DMN+59, Fri58b, FDN59, Kin61, LDDB63, Swa59, SS59b]. Partial [BLR84, BRR79, CHL+11, Die62, Her66, CFL67, Dan66, ECT71, Ger73, KT70]. partial-response [KT70]. Partial-Switching [Die62]. Partially [SMD80, DH03]. Particle [BTW62, Sta87, Tan96, ETWO08, GRH+08, HRC+08]. Particle-induced [Tan96]. Particles [CHBH85, Sta86]. partition [AAM+07, SGK04]. partitionable [SWB+91]. Partitioned [WF83]. Partitioned-Block [WF83]. Partitioning [AK82, DHT3, Gha75a, Gha75b, HMW74, Luk74, Luk75, PS80, Gup97, Mic72, Sar91a]. Partner [BDM14]. Partner-marketing [BDM14]. pass [MGR99, WRG99]. Passage [SS82]. Passing [BS85, AAC+05, LDSY91]. Passivated [CL64, IBC64, Leh64, TY64]. passivating [PM72]. Passivation [KLBP64]. Passive [Sie63, SSK+16]. past [KLRS96, SLK+97]. pastes [FGMPK05]. Patch [DB76]. Patents [Ano57o, Ano57p, Ano57q, Ano57r, Ano57s, Ano57t, Ano58a, Ano58b, Ano58p, Ano58q, Ano59, Ano59a, Ano59b, Ano59m, Ano60m, Ano60n, Ano60o, Ano60p, Ano61j, Ano61k, Ano61m, Ano62i, Ano62j, Ano62k, Ano63j, Ano63l, Ano63m, Ano66n, Ano66m, Ano66o, Ano66p, Ano66q, Ano66r, Ano67n, Ano67o, Ano67p, Ano67q, Ano67r, Ano67s, Ano94c, Ano94d, Ano94e, Ano94f, Ano94g, Ano95d, Ano95e, Ano95f, Ano95b, Ano95c, Ano96a, Ano96b, Ano96c, Ano96d, Ano96e, Ano96f, Ano97b, Ano97c, Ano97d, Ano97e, Ano98b, Ano98c, Ano98d, Ano98e, Ano98f, Ano99c, Ano99b, Ano99d, Ano99e, Ano100c, Ano00b, Ano00c, Ano00d, Ano01d, Ano01e, Ano01g, Ano01h, Ano01f, Ano64f, Ano64g, Ano64h, Ano64i, Ano64j, Ano65f, Ano65g, Ano65h]. patents [Ano55i, Ano65j, Ano86a, Ano90a, Ano92b, Ano92c, Ano92d, Ano93d, Ano94b, Ano94i]. Path [CCE+88, Col62, Fra87, GLP76, G74, HJK+01, Mat62b, Pri58c, Sve78, vK62]. Paths [MS06b, HT69, Ria69]. Pathway [SPS+06]. Pathways [RSS+15]. patient [PMS+08, Sha12]. patient-centric [Sha12]. Pattern [Bon62, Bra80, DB69, EL80, EL83, KRT87, KGF77, MD65, PS80, TC84, AL76, FRPG01, GK64]. pattern-based [FRPG01]. Pattern-Matching [KR87]. patterned [Duk93, SGS+09]. patterning [MBB+01, PSP06]. Patterns [FGS75, Ham78, Sta84a, Bar82, CR15, FSG+73, Hat72, RWB+10, RC17, WLF89]. Pb [BKM80a, BJMO80, HHA93, Hor98]. Pb-alloy [BKM80a, BJMO80]. PC [Shi85, CFK+91]. PC-Based [Shi85]. PCI [GCS+12, SNA02]. PCI-XCC [AV04]. PCOS [Cal70]. Pd [Dem78, Kah71]. PdO [Kah71]. PdO/Ag [Kah71]. PdO/Ag-Pd [Kah71]. PdSn [OHWR88]. Peak [BTW62]. Peculiar [Mid65]. pedestal
[GAOD71, SLYR72, ZCK71]. pedestrian
[BMS+17, Tof04]. pedestrian-centered
[BMS+17]. PEEM
[CHL+11, HDK+11, YTF+11]. peer
360 [AST67a, AEGP67, ABB64, ABB00a, Cal70, CMPR64, Pad81, Sam64]. 370
[FNT1, ACG+86, Bar78, Chi86, CDG83, Cre81, Gum83, Pad83, Sta90]. 390
[CMWR92, DTH92, GR92, KLM+94]. 400 [BLM+92, BLM+92, Ste01]. 6000
[BGM90, Gro90, OG90, RB90, Aus90, CMR+90, FAJ+94, HM90, Mar90, MHR90, War90, WD94]. 7 [HHM70]. 9000 [BEM+92, CDM92, CW91, DHK+92, GGRW91, Haj91, Lip92b, Sar91b, SV91, TSC91, ADG+92a, Att92, BBMP92, BRB92, CTS+92, Cov92, DGC+92, GZM92, HOW92]. Ag-Pd
[Kah1]. AlGaAs [HK+90]. analog
[HM+03]. B.E. [NMH+07]. BYOD
[SSK+16]. Card [BM84]. Cd [Vur70].
chemical [Mey90, Mey00a]. copper
[KFSZ92, TKK+92]. Cr [Vur70]. detecting
[AC84]. Disk [BBT85]. Drain [GS80]. ESA
[SV92]. evaluation [MME+97]. Fe [CW78].
firmware [WPL+12]. G6 [CP99, TMB+09].
In [LMP96]. LCD [JPTW92]. liquid
[APO92, How92]. Memory [Pea99]. MgO
[JWS06]. O [ZBL+72, Bra72b]. output
[BSK+08, HBL+02]. Performance
[BGR82, BDMW81, BBH+95]. polyimide
[KFSZ92]. Q [BCK13, ABB+13, BSJ+13, CCD+13, CP13, CKL+13, CH+13, E013, EWS+13, OWG+13, RIB+13, SCG+13, IBM13a, IBM13c]. Sh [LMP96]. Se
[FA70, Vur70]. short [GWR90]. SiGe
[LC95]. SoC [DL02]. SONET [Cla03].
STS [ALH95]. subscribe [SCW10]. SW
[KK02]. Tape [FT77]. write [ILH03].
Writing [Ost84]. PENGUIN [dTGHC92].
Penrose [HM89]. people

[CGM+15a, DDDK12]. Perception
[Ano59n, SMSC14]. Perceptual [San83b].
PERC [RAG11]. Percus [HBB70].
Performance [ABPS66, Ano06b, Arc93,
BCC+17, Bar75, BS81, BB82, BAH82,
Bos97, BBI94, BBKW86, CDS+86,
CDSW06, CDW75, CW77, CVE87a, DHSC64,
DAS+94, DS70, Dur70, Esa02, FCE+15,
GCPVG85, Gia66, GA84, GMS+12, HS81a,
HS61, HCA82, HS82, KFB+97, Kam98,
KW76, KAC95, OK82, Pat73, RS79,
RMT65, Sch81, SGC+87, AFP+01, AGZ94a,
AGZ94b, AGZ94c, ADH+00a, AAB+10,
AAC+06, BLM+92, CEC+12, BEM+92,
BFG+06, BSJ+13, BDHH+09, BBS+03,
Bro72, BGL+92, CPV+00, CH06, CBB+05,
CRD07, DHSCO00, DDA+93, DKS+95,
ESH95, EB91, EFR+05, EBD+95, EG00,
Emn97, EK08, EWS+13, FKK+03, HFS06,
FNY+10, FAJ+94, GZE+05, GOV+71,
GAOD71, GW18, GJO0, Gus03, Hat72, HS04,
ITS+15, Irv91, IFB+11, JL99, JWS+09,
KBK+97, KPT+02, Kum92, KEL+00, LR97,
Luc99, MCAW95, MSW+05, Mat89, Mat03].
performance
[MWL+14, MPP+15, MZS+03, Ono93,
PV93, RES+15, RAG11, RKW99, RHM+99,
Rub90, SHWK+90, SGS+06, SBP+03,
SCW+95, SPR+95, SCW+97, SV91, SLJ+15,
TXW+10, TW69, To97, TFL+98, TTK+92,
VLL+09, WCNSH94, WKD98, WN+10,
YSH12, ZCS10]. Performance-optimized
[FCE+15]. Performances [MW79]. period
[TYM+14]. Periodic
[LC80, Mil83, Mir61, Bau72, CPVR00].
Permalloy
[Ahn66, DKAC67, GM63, KC66b].
Permanent [BH82, JT66, YTF+11].
permission [SBG+13]. Permissive
[GW57a, GW57b]. Permissive-Make
[GW57a, GW57b]. Permits [Lew83].
Permutation [BF77, BCH84]. Permuting
[CLW80]. Perot [Fan64]. perovskite
[SG+90]. perovskite-type [SG+90].
perovskites [SKEG^+98]. perpendicular [Sun06]. Persistent [CGR88, Gar57].
Persistent-Supercurrent [Gar57]. person [CPC18]. person-generated [CPC18].
Personal [GBS+87, ABD+14, BC18, Shi85]. personalized [BEJ+14, RSS+15].
Perspective [Har81, AG06, ACM01, Bra69, CNG09, CDM92, DDT^+07, SG99, Tan96, WCT06].
perspectives [MD12a]. PERT [Nad79, KC66a]. Perturbation [Bog79, Par60].
pervasive [WPL^+12]. Petabytes [WGF^+06]. petaflops [GBW^+09, LQRS04].
petascale [PLK09]. Petri [PS86]. Pg [MHI98, SW98]. pH [DR93, JK93].
Phase [BF63, BBG60, CJ78b, CDH64, DG84, Dui59, GS70, GBC65, Hop61, Kov59, MP81, RBB^+08, SJK70, Sha58a, Hu71, LG88, Nob95a, Ros00, Tis90, W004, YL98].
Phase-change [RBB^+08]. Phase-Contrast [Kov59]. Phase-Hologram [SJK70].
Phase-Reversal [CDH64]. Phased [RBK^+08, LGBV17]. Phaser [RBK^+08].
Phases [Pan78]. Phenomena [BT84, KH88, LBe62, MNP^+69, RP67, SBdF64, Tro80, MNS69, SNM69].
Phenomenological [O'H78]. philanthropic [LHS^+17]. philosophical [GHN04].
Phosphorus-Diffusion [JD66]. phosphorus-impurity [MFPJ71]. Photo [EHHP67, MC68, Gri69, MS89, OCT68].
photo-polymer [MS89]. photoablation [VDP94]. Photocatalysis [GFHW82, PL79, VM79].
Photochemistry [BH79]. Photoconducting [Boe69].
Photoconductor [Sch71]. Photocurrents [DA77]. Photodecomposition [Her66].
photodetector [KACS95]. Photoelectric [AC63]. Photoelectrochemical [Koh98].
Photoelectron [RF78, KWT^+11, MPHC90]. Photoemission [Bru78, DV74, CBBS90, RG90].
Photographic [BT67, Fa70, ZG65]. Photographs [Har63]. Photography [BLLS79, MG62].
Photoinduced [GDR70]. Photolithographic [StaK84a].
Photolithography [Rot74, ATW97, Lin76]. Photon [BH79, Gar64, Loy79, MNR86].
Photoproducts [Her66]. Photoresist [DS77, Mid70b, SFD77, RKL88a].
Photoresists [AWHK97, PL79, SGL^+97]. photothermal [vS98]. Photovoltages [Swa61].
Photovoltaic [Lew78b, Mer78]. Phrase [SFT78]. Phthalocyanine [SLLP64, SL66].
Physical [Cor82, DHK^+92, MM82, PK88, Pri58c, Swa60, AEZ84, AAM^+07, BBD^+02, BAB^+07, BHD^+05, HHSW01, SGK04, WKP^+02, CP91].
physicist [Tan96]. Physics [CD85, Fri69, KN81, Kuh88, Bev69, CFL67, HST06, Mol69, Tan96].
Physiome [NNN^+06]. PI [Shi85, Kau81]. Pi-Donor [Kau81].
Picosecond [CBBS90, Hei90, MPHC90, TKV00, RH73, WSB190].
Picture [Sto91]. Pictures [Kau78].
Placements [Don81]. Planar [AA71, CL64, KO65a, KO66, KO69b, vM66].
Postprocessing [RH75]. posts [VAM18].

Power [BR09b]. Practical

Potentiometer [MPD86]. powder [HHB+89]. Power

Power-constrained [CFP+07, Fra02]. power-on [KKM02]. power-performance [BBS+03]. Power/Performance

Power/Performance [BDMW81, BBH+95]. POWER2

FAJ+94, AGZ94a, BGAJ94, HFH94, SG94a, WCNSH94, WD94, HF94]. POWER3 [OW00]. POWER4 [BKRF02, BMK+05, LRH+02, TDF+02, WKP+02]. POWER5 [AAB+05, MMS05, MMM+05, SKT+05, VLP+05, Ano05c]. POWER6 [PC07, AAM+07, BSK+08, BAB+07, CFP+07, EWT+07, FGK+07, LESL+07, MSSM07, MBF+07, SKK+08]. POWER7 [BAB+13, FDS+13, LBB+13, Rit13, ZTC+13, AHHN11, FWR+11, FPZ+11, RAG11, SRL+11, SKS+11, WBD+11, ZFG+11]. POWER7-IH [RAG11]. POWER8 [CVN+15, DFF+15, LGW+15, MPP+15, PMV15, RES+15, SLA+15, SNN+15, SVE+15, SSD+15, ZFD+15]. PowerNP [ABB+03]. PowerPC

Wai05, BBH+95, BCJ+96, BEKK00, BBGP94, HF94, JO96, KMH+98, LR97, NCB03, OW00, SLC+97, SBP+03, VMM+94]. PowerStorm [GH96]. Practical


Pre-Emptive [And73]. pre-harvest [BW16]. Pre-release [TWM+14]. pre-stack [CBV08]. preamplifier [KACS95]. Precipitation [JD67, MPCF82].

Precise [Hua79, KKS+73, San83a, SLK+16, THL85]. Precision [RSL+70, MR72]. predict [TCP+16]. Predicted [MW79]. Predicting [Bry75, FNS+17, LRNS17, WSCK17, VMS+14]. Prediction [Doo83, KB74, AKB+17, BC00, EHC0w01, HHR99, ITS+15, RQBW08, SJZ+15, TMS+01].

Predictive [GCPL85, WLH+17, AHN+03, BK74, EOH10, GWB+17, GAG+16, KB74, PCW+17, VVHL16]. Preface [AS06, Ano67t, Att92, BSD09, BNS15, BR09a, BR17, BFH10, Bos97, Bra05, Bra03, Buc99a, JB06b, CK17a, CP99, CK17b, CRH12, CN18, CGR05, CS02, DFS98, DA04, DS03, DLN14, Don90, Don92, EJ03, Far91, Fie95, FHL+14, FS05, GP06b, Gar00, Gon99, GRI92, GP09, HI06, Har01, HPW11, Hau93, Hau96, He01, HHR08, HT16, HF94, HNRiC07, Hor93, Hor00, H096, IK00, ISV16, Jor04, KN08, Kli08, Kog94, Kos15, Kua95, Kue90, Kuo99, LCB93, Lip92a, Lun02, MVWC10, Man97, May90, Mel02, MW09, Mei07, Min08, Mit94, NHH10, Opp03, Pal14, PWM13, PD10, PMV15, Rao16, RM10, RS14, RR02, Rit13, Sch07, Sch04, SGRS10, SNB+09, Sof13, SS15, Sol02, SCR01, Ten05, Tro00b, TH11, Tur02, Tur07, Vay12, War03, Wes90, WR95, Wil09, WCR10].

Preface [WH94, You57, ZS96]. prefetch [AGZ94c, BCK13]. Prefetching [CP97, EHPS05]. Prenucleation [JC63].

Preparation [DO74, Moh70, SG77, YHA71, OS99]. Prepared [DH83]. preparedness
Prescribed [CS65a, Rem67]. Prescriptive [GAJ+16]. Presence [Eli58, HC78, KWB88, Rad62, KLHW16, Lom77]. Present [Har81, Bar62, KLRS96, SLK+97, Sor79, Sor00]. preservation [RCFN+08, RCFN+08]. Preserving [Irv89]. President [Age04, Age05, Age08, Bal05, Che06, Che08, DR08, Des02, Des04, Don00, Mey03, Nun09, Pea09, Pri07, PS09, Pul07, San12, Viv14]. Presilicon [KAB+12]. Pressure [BMC86, MNP+69, SAL63, Swe62, SR71]. Pressurized [BT78, BFT79]. Pretty [Fre04]. PREVAIL [DEG+01]. Preventive [Ada84]. Previous [Ano57j, Ano58g, Ano58h, Ano59e, Ano60f, Ano60g, Ano60h, Ano61e, Ano62d, Ano63e, Ano66g, Ano66h, Ano66i, Ano67h, Ano67i, Ano67j, Ano67k, Ano67l, Ano67m]. Pricing [Low74]. Primary [LMHM96]. Principal [Kan78, SM78]. Principle [Bar80]. Principles [GHK67, Hol78, Mal13, Wal86, BTF+90, CP91, Gyg08, PMLA88, PP09]. Print [Car77, CEY84, ELZ79, Hen83, Pre66, Sta97, SW90, Zab79, CFW82, KL63, ZH89]. print-quality [Sta97]. PRINTED [BDW83, BAH82, GHKO57, Has62, Has66, LDLS84, Man85, Ser82, STCR84, Wal58, Wym57, ABM88, BBMP92, Cha88, DDMS92, GA88, HM71, Pau89, Whi93, WGC93]. Printed-Circuit [BDW83, BAH82, Ser82, Wal58]. printed-circuit-board [ABM88]. Printer [ABB+85, AEE77, BS84a, BHR77, BCD+85, Bro78, BHW77, CD78, Car77, FBW77, FLR77, GT78, MR79, NK81, Sve78, Twa77, Zab79, VW78, WST2, ZH89]. Printers [BS84b, CEY84, Hel79, ZL87, Sta97]. Printing [BS84a, BS78, BB78, BD96, CS85, DLK84, EHMW81, FLST8, LMT84, MTS84, MBB+01, Mil84, MT84, PC85, Pre66, Twa85, Zab77, BLD97, BGK+82, CP91, CAS+91, CAS91, Mas97, Pen91, ZL97]. Printwheel [May85]. Priority [And73, GS75, MT77]. prismatic [MKP73]. Privacy [GDA14, KKT09, Pea09, RM09, BBC+09, CNG09, GDB+16, HLZ+09, JMLW94, KKB+09a, KMO+14, PP09, VTC09]. privacy-aware [VTC09]. Privacy-value-control [RM09]. Private [Hop61, Yar12]. Prizma [Eng03]. Proactive [CHH+01]. Probabilistic [Nad79, Kob71, QGT13]. Probabilities [Bil70, Cha79, HWC75, HE10, Key65, Key70, Kog74, LC80, MD65, RS59a, RS67, Tuc60a, dG58, BS71b, CP72, DN97, 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, FSG+73, Hei80, LB07, LCHL95, MD12b, OS99, RWMP+05, Ros00, SPP72, See93, WT91, vS98].

**Processing** [ABC+85, ABB+91, And65, Ber76b, BKKU88, BHWW77, Bur75, BD76, CCP85, DA77, DB76, DMP59, FLD86, GFM+83, HF78, HAG+13, Kin61, Kle91, Ku09, MW09a, May81, Moh70, Mur57, PSH0, Shi85, Tas57, WSW83, Wuo87, AKB+17, ARG00, ARS+17, BK75, BBH82, CGLL93, CG86, EB99, Fon99, FNY+10, GON+06, GLM+96, Ham99, Ku09, KOT99, Luc99, Mar82, MKJM93, NAB+15, PB89, RB92, SPR+95, Sto91, CMP87].

**processing-in-memory** [NAB+15].

**Processor** [All81, Ber85, Coo82, DR82, Fre67, GCPV85, GS82b, LS76a, MSB+04, NH91, PPS82, Ser82, SBJ815, TS82, Tsu80, UMK+85, ABB+03, AEH+04, BGM90, BHH+15, BSK+08, BCF+07, BDH+09, BAB+13, BEKK00, BKRF02, C83, CNSS12, DTH92, ESA02, Emm97, FAD+07, FNY+10, FXB+10, FAE+94, GGRW91, GH96, GMS+12, Gro90, Haj91, HDW+07, HF04, HSL+05, JZ91, KBG+09, LGW+15, LBB+13, Lip92b, LJV+07, MWS90, Mar90, MDR+07, MME+97, MZS+03, O90, PBBL07, RB09, RWW07, RG09, SKK+08, Sar91b, SCS+02, SKC09, SHL07, SKS+11, SVE+15, Sta90, SSD+15, SBC+12, TSC91, WMB+15, War90, WBD+11, WIBH+04, RSNG82].

**processor-based** [C83].

**processor-performance** [Emm97].

**Processors** [AK82, CW77, Tod78a, Aus90, BBMP92, BS95, BRR92, BMK+05, CNV+15, CMR+90, CTS+92, CDD+10, Cov92, DGG+92, EV93, HOWP92, OW00, SLC09].

**procurement** [GSAB93]. **Produced** [Hut74].

**Product** [Cle83, KB06, SMD80, BMT+90, BKP82, EBD+95, Fil70].

**Productive** [CPTW98].

**Product** [PKR+84, DKRS07, DS65, GAC85, Kov59, WKK+87, BKF+16, DBG+00, LMM+96, MS89]. **Productivity** [FT80, LKL+81, SMD80, LRMT95].

**Products**

[Ada84, Wes90, DKRS07, EGH+96, GSAB93, LZZ+16, LCHL95, Man90, Pat89].

**professional** [NRA+07]. **Profile** [Gil84].

**Profiles** [JD66, KP80, FKW16, KRC68, MFPJ71, Okt69, Pat72, PL73].

**Profiling** [CW78]. **projection** [SLK+97, SSB+12].

**Program**

[Bar73, Bon62, BCGS81, Chi86, DGB78, Don80, Fer75, FE75, FGS75, GHP+85, Knu90, OHM+85, Pz75, Pri07, PS09, RR83, ABL+84, BBF+04, BCGS00, CDSW06, Col69a, Hat72, Hei94, KN91a, KSL95, LFF90, MS96, PBBL07, Sar91a, Sed67, TBL98].

**Programmable** [Cow87, EL80, GLL80, LBH+75, Wei79, Wuo75, HAMC+04, MMWL99, Mey81, MZS+03, SKSP06].

**Programmed** [ET69]. **programmer** [LR97].

**Programming**

[DLW86, Hei76, KGBB09, LG78, Len58, LW77, Luc81, Sam81, SH84, Tuc60b, Al89, AKE+92, Be92, BCR91, Bur72, CFK+91, CCF+10, Gec09, dTGH92, HKLM97, JP94, Jol73, Kel73, Lee07, MAA+05, MRA+07, PL90, el 69].

**Programs**

[CD85, Dor60, Fer75, Jee58, KSW74, Kru84, N95, SK08, URS75, ABB+10, Aus90, C91, SSW91, Sta89a, Sz91].

**Progress** [HCTS81, JS81, ARS+17, GNF06, MAG+01, Sam67].

**Progressive** [C8B+98]. **Project**

[Ana80, BKN10, CIE+33, RBB+02, SPP+05, IBM13b, VRL10, WGF+06, Buc62, IBM08, NNN+06].

**Projection** [DC82, DSR98, LC82, MHI+98, SW98, DEG+01, MAD+98, RDD+98, SST+98, SS00].

**Projections** [WM81, O'C89]. **projects** [LHS+17].

**Prolog** [Ar86, AKE+92].

**Promoting** [LH03]. **promotions** [SMSC14].
Proof [CLW79, Dan60, Kmt90, PV93, Gil60].
Proofreading [TSN88]. Propagation [Bay69, Bej74, BT84, Car60, CS65b, GM63, JH80, JHH+81, Mul67, Sat63, WS64, Dkr+90, TMW+17]. Properties
[Ahn66, Arm65, Blu79b, BJMO80, BMWL80, BS64, CP86, Dav77, DH83, Dim70, Flt67, FN95, Gun66a, Gun66b, HK64, HM60, KP79, Key61a, KL80, Klc64, Log70, Lud78, MU77, MY67a, MY68, Mill83, NBRB70, OMAW60, PDLM67, RS59b, SD85, Sni77, SG77, SSTF77, Wei65, Wol70, Von70, AF68, AW98, BS72, FL89, HOW90, Kls+05, Kri82, Mat70, Pau89, Pri73, Rdr+98, Spr71, SN98, SHCS05]. property [Lew78a].
[Ano66], Bla65, CCM65, Meg62, VSF65]. Pseudo-Noise
[Ano66], Bla65, CCM65, VSF65]. Pseudorandom
[RB90, RT99, AEG+02]. pseudorandom-number [AEG+02]. Pseudoternary [Cro70]. PSG [KH75]. PSI [Bar75, FLKA84]. psychiatry [PCW+17]. Pt [DVMS81, Dem78, HBR85, HBR86]. Public [Kov06, BCC+16]. publications
[Ano90c, Ano92e, Ano92f, Ano92g, Ano93e, Ano94j, Ano94k, Ano94l, Ano94m, Ano94a, Ano94l, Ano94p, Ano94q, Ano95i, Ano95g, Ano95h, Ano95j, Ano95k, Ano96g, Ano96h, Ano96i, Ano96j, Ano96k, Ano97f, Ano97g, Ano97h, Ano97i, Ano98g, Ano98h, Ano98i, Ano98j, Ano98k, Ano99f, Ano99g, Ano99h, Ano00i, Ano00f, Ano00g, Ano00h, Ano01i, Ano01l, Ano01m, Ano01k]. publish [SCW10]. publish/subscribe [SCW10].
Published [Ano57k, Ano57l, Ano57n, Ano58j, Ano58k, Ano58i, 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, Ano67-27]. Pulse [Dod63, Gar64, LS64, PL83, SFH65, Sko58, GFS71, Shi73]. Pulse-Slimming [Dod63]. Pulsed [CCM65, Key70]. Pulses [Hem74]. pump [BR90b]. pump-scheduling [BR90b]. Pumped [SCHL66, HA71, SLHM67]. purchasing [YGR14]. Pure [MN67a, Sho04]. Pure-Tone [MN67a]. Purpose [Tay81, ATL+88, DAUS91, Gra69, LH84]. pursuit [LQRS04]. Pyrolytic [Klc64]. Pythagorean [Dub83, FS90, MM83].
[DMWW77, Dav80, Pri94, RG09].
Regression [Lew78a]. Regular [An01n].
Regulation [BDMW81, DPR86].
regulations [CNG09]. Regulatory [Pea09].
Reinventing [JWZ+09, ODA+08]. Related
[RPs7, SARGL, SMii7, WB70, FL89, Gri99, JS00, Kel89, KFSZ92, MNS69, SNM69,
VMAB18, WL73]. Relation [Ben59, MJS70, Mic78, WKF+12].
Relational [ADST78a, BDH83, Hal76, LN79, ADST78b, Fag77, v86a]. Relations
[Las63, RP66, EM65, Lew75]. Relationship [CA84]. Relationships
[DG84, CCBLM12, MDJV08]. Relative [van88].
Relaxation [Mas62, NB61a, NB61b, Red57, JZ91, TWR89]. Relay
[GW57a, GW57b, Moo60, Koc59]. Relaying [Hor76]. release [DN97, TWM+14].
releases [MV+07]. Reliability [DW58, FCS+04, Fle58, FL59, FGH+06, HBB99, HCTS81, LV62, NL69, Ohb84,
OG80, Sta02, ABC+99a, Buc99b, CGLL93, CAK+15, Ibe03, LH84, Luc99, MSSM07,
MCH+82, YCB05]. reliable [ACD+15, CDC96]. relief [Cha69].
reliance [OCR+98]. remanent [BD74].
Remarks [FL67, Sta67]. Remote [Dav79, KW76, VSS+09]. Remotely
[HFT87, Pri94]. Removal [Whi72, Dat98b].
renaming [BMK+05]. renderer [DAUS91].
Renewal [FL59]. Rent [LFR05, VLKW14].
Reorganization [BF77, Paz75]. repair
[BM93, WWA+98]. Replacement
[FLW78, CHMW07]. Replacing [MM83].
reply [Ber76a, Wie76]. report
[GMR10, KWB+15, Var89]. reported [Pon17]. Representation
[Far87, Gro76, Hol78, Pic87, AO97, BW81b,
GLS86, PMS+17]. representations
[FTY83, MN90, Oht95]. representative [KB06]. Representing [FJS89]. reprint
[Lan96]. reproduced [MS89]. request
[KJS09, Pla76]. requests [Oha10]. required
[GE02]. Requirements
[Cro79, GYK99, MR76b, Agra02, JS89,
LFR05, LSZ+10, RBB+02, SPP97]. requires
[KSA+04]. Requiring [Car60, WR83]. Res
[ACG+87, Ano93c, Ber76a, DCB77, Lan96,
Sta75, Wie76]. Research [Age04, Age05, Age08, Ano80, BYY98,
Che06, Che08, Coo82, Gar00, Mar62,
NRD+09, Nor58, Ros03, TFJ+96, Tsu80,
WH94, AG06, Ano62e, BF69, Far98, GDL14,
Jec58, LH03, MDH+12, Mc69, Nic92,
OMA+96, SYP12, CMS85, DR08, LH03].
Reservoir [ET86, RBL+09]. Residual
[Cas60, Fre62, KDB70, SC88, Ano71].
resilience [BSK+08, QT13, SKK+08].
resiliency [EDGL+13]. Resilient
[SHV13, BGS13, PWU13, VAB+13]. Resin
[MS60a, GA88]. Resist [Gil84, KP80, See93,
CH82, Duk93, HMM82, Ito01].
resist-patterned [Duk93]. Resistance
[HA58, IM57, J64, Lit62, Ros78, Rut59,
Rut64, Sak79, S88, KMB+08].
resistance-change [KMB+08]. Resistive
[ABB+85, BCD+85, CS85, Gru79, LM85,
LeB62, PC85, RP67, SD85, Twa85,
WWMS79, DKA+05]. Resistivity
[KDBT60, SC88]. Resistor
[CP63, Ove70, Kal71, KM68, RHC73].
Resistor-Coupled [CP63]. Resistors
[KL80]. Resists [MW80a, BLD97,
HHSW01, Ito97, Ito00, MAG+01].
Resolution [BJS80, Bro88, DC82, Gar86,
Hoa58, JWL82, KKK61, Kra81, LY83,
SW89, S63, Bat00, CHFG92, LPPT86,
LL98, LW+01, MBB+01, PGN88, SST+98,
ST17, TPC+13, UBK+88]. Resolved
[BLLS79]. Resonance
[DV64, SOC59, SG64, Tit63, Meh89, Var89].
Resonant [Fan64, Pre66, Roe66].
resonator [KM93]. Resource
[ADG+05, FBG12, MBA+12, RKMY02,
Sau81, YSH12, BM96, CCFSZ12, HS11,
KdAC+15, MC09, MN97, SGK04].
resourced [GHH+17]. Resources
[KW76, MUL+14]. Respect [AS87].
Response [ALL77, Ber64, Cha75a, ELZ79, Ree69, Rei66, RR69, SY73, SWD74, vS57, BMF+16, HS11, JC00, KT70, TYM+14].
responses [BS06]. responsibilities [DYK10]. REST [Oha10]. Restricted [Fra79, Fra80a]. Restructuring [LSH76, Hei94]. result [Lam77a]. Results [FC63, RS67, BS71b, Fla91, FL89, KN91b, SPP+05]. retail [MHR+15, RM09].
retention [NCM+01]. Rethinking [ABB+14]. Retrieval [JM64, SY73, CBK+98, PSD+17].
reversive [WCT06]. reuse [BSRM09, WMK+07]. revenue [AYA14].
Reverberation [MN67a]. Reversal [CDH64, DP59, Hop61, Mid62]. reverse [PLK09]. reverse-acceleration [PLK09].
Reversibility [Ben73, Zul01]. Reversible [Ben88, Ben00].
Review [Bar62, BRB+01, CH84, MW67, NHK103, OOS1, PC85, RR83, SC81, Bag94, DM01, Duk90, FL89, Lax67, Sta89b, van89].
revision [BBSW97]. Revisited [SS88, Shl94]. Rework [Doo83].
Rewritable [AFP96]. Reynolds [Mic59]. rf [DAC+03, HNS+03, KM00, GMP90, KP79, KM70, Log70, LMD70, MU77, Maz70, Pen69, Pen79, PDLM67, SK69, SJ70].
RF-sputtered [MU77]. rf/analog [HNS+03]. RFID [RM09]. Rheology [Was77, GMPK05]. rhodamine [HA71].
Rib [Ham78]. Rib-Supported [Ham78].
Ring [BS85, Fan61, TK64, HHA93, OCB+90, WSK+93]. ring-disk [HHA93].
Rings [CGR88, Str83]. Rio [TPC+13].
RISC [BGM90, FAJ+94, Gro90, HM90, Mar90, MHR90, OG90, RB90, War90, Aus90, BCJ+96, BS95, CMR+90, CM90, CM00, WD94]. Rise [Lin67]. Risk [GSAB93, LSS14, RM10, BKN10, BMF+16, CKE+10, DJK14, EPP10, FM10, HS14, HE10, KOP14, MR14, MS07, RAR+14, SBD+10, Yas07, vKCD+10]. Risk-based [LSS14, MS07]. risk-metric [FM10].
Robin [Tak87, WC75]. robotics [Kis96]. robots [Mey81]. Robust [WLB+15, ATW+08, NCM+01]. rock [Mon82b]. Role [Ast58, AAC+06, BJ06a, Far98, GMX14, Tur69, Van97]. roles [DYK10, KLRS96]. Room [BN63, JWS06]. Room-Temperature [BN63, JWS06].
rules [Fro71].
Root [Kog59, Mir69, Dan66, Pon17]. root-cause [Pon17]. root-locus [Che72, Jam89, MM83]. Rosetta [BN63, JWSP06].
rotation [RQBW08]. rotated [Rat68]. Rotating [BT78, FT77, Gre79, DR93, HHA93].
[Fra70, KL97, WGS04]. Run-control [KL97, WGS04]. Run-Length-Limited [Fra70]. Runge [War63]. running
[TWX+10]. Runtime [CLP+13a, FDS+13, EO13, KRD+14].

Safety [HT16, BW16, EBI’+16, WSE’+16, YT16].

SAGE [AHJ’+57]. Sales [BBC’+12, TWm’+14]. Sales-force [BBC’+12]. Salesman [HHJW84, Ray69].

Saliency [ATC’+15]. salute [FvGM90].

Samarium [SS61]. Sampled [GHK67, KST85, Sta67]. Sampled-Data [GHK67]. Samples [DO74]. sampling [Sch96b, Wie90].

Samuel [WM92]. SANS [DBC’+06]. Satellite [Ano66j, Bla65, CR76, MG62, PL77, RS79].

satisfying [RMM03]. Saturation [SM66, TT75]. Sb [BS64]. SBC [CGLL93, Cor93, GLCW93, MaA93, RBW93].

Scalability [AAB’+10, BZ06a, WYTO04].

Scalable [EFR’+05, HJW’+16, KHZ’+08, SJW’+16, SXW’+16, 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 [BS82, BBH’+67, CD85, CP77, Mic78, Mon82a, ODA’+8, TLR85, AG06, APOI92, BKF’+16, DLJ’+08, Duk93, Dür94, ETW008, FGG’+13, GKK’+13, HdrT06, HBT’+16, KJS09, LSW13, NMV’+09, RBB’+02, RBB’+011, SCC’+15, Sof13, TSH92, VNT16, ZSY’+13, CAS’+91]. scale-out [AG06, FGG’+13].

Scaled [Lev77, OKH’+02]. Scaled-Up [Lev77], scales [HE10].

Scaling [ABB’+08, Bue99b, DT08, FRE’+08, Aqm02, AAC’+06, CFW82, Fra02, HND’+06, MDB’+02, Now02, SWC’+95, TAU02, WNV’+02, Ano06b]. scan [BTP’+90, CNSS12]. scan-initialization [CNSS12]. ScanLaser [MP67]. Scanned [McA83]. Scanner [Bra80, Cla79, DSW82, Kan78]. Scanning [AMGC86, APS86, Ano86c, BMC86, BR00, CW86, DHT86, DV74, DPR86, FF86, Fin86, Gar86, GH86, Gm86, HGR85, KJ86, KWB88, MKH’+11, Pet80, Poh86, SB86, WKB’+86, Vv86b, All00, BHRST2, BNT86, DAB’+97, Dür94, Far82, HGR86, KKT’+95, Poh95, Stö91].

Scatterers [Lan88, Lan57, Lan96, Lan00b]. Scattering [Dav69, FT64, Hur59, Kra81, Pen79, Poh79, RSSS82, Spe69, Tiel61, BEn’+89, CJ78a, Cop90a, EHK’+99, Has70, JS00]. scenarios [LPA’+15]. SCEPTRE [BAS07]. scheduled [MVI’+07]. Schedules [FL75, LF77].

Scheduling [AS74, FL76, GAC85, Her75, LS76a, Nor58, Tae87, Wit85, WC75, BCE’+07, Bla94, BR09b, CSW73, FW83, FN95, GR90, HS91, LHM96, VAJ07, War90]. Schema [CA84].

Scheme [Gra80, Hop59, Lom75, Pat80, PRe65, RS79, AC84, BSS76, BHR04, ESA02, Mir72, TMS’+01, Vor71]. Schemes [CA84, Kob70, RP70, Yas85, Yas87, AW82, EHLSW01]. Scholars [Gar00]. Schottky [AA71, DS70, Mid70a, Wol70].

Schottky-Barrier [DS70, Mid70a, Wol70].

Schweitzer [Sit87]. Science [CCD’+13, Che06, Che08, DHT86, Gom87, Goo58, Hor93, KN81, Lip92a, Mit94, ODK’+99, PMS’+17, RB92, Sur79, Sur00].

Science-1960 [Sur79]. Sciences [Kov06, Opr03, We58, WH94, McCe99, Pul03].

Scientific [Ano58f, Ast58, CD85, GLS87, dG58, ABB’+13, Dun57a, EWS’+13, KFH’+06, KSA’+04, SPP’+05]. scientists [GR92].

Scintillation [Spr63]. SCISM [VBE94].

scopes [SLC09]. Scorecards [HS14].

Shared-Memory [Cve87a]. Sharing
[Bar73, Chi60a, Con58, Con60, Mar59, SAB+07, Cre81, FN95, FL69, Gra71]. Shark
[Has98]. Shear [CS65a]. Sheaths [Pen79].
Shee [Fie65]. Shells [BGT74]. shelves
[MHR+15]. Shenzhen [CXZ+17].
Shewhart [Yas85]. Shielded [CPL+74].
Shielding [Spr63, Yan71]. Shift
[BTW62, CT76, Fu92, 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, Shi73, SSB+12].
Short-coherence-length [DY89].
Short-Term [GAC85, SSB+12]. Shortcut
[HT69]. shortest [HW72, HT69].
Shubnikov [Bco66]. Shutter [CO61].
Shuttle [Sk76]. Si [GDR70, CFH64, Jon65, KG80, KEJ87, KACS95, LFC95, Mey90, Mey00a, Pan78, Pes71, PB95, RF78, SSF11, Tu90, WTS+11]. Si-Fe [Pes71].
Si-Rich [KEJ87]. Si-SiO [KG80]. Si-SiGe
[LFC95]. SiC [SHTP11]. Side
[Sha58b, MY65]. Sideband [C61]. SiGe
[YS85, GAC85, Jam89, SL67, Shi73, SSB+12].
Sideband-processing [SPP+95]. Signals
[CAG67, KLS66, Mult67, VSB65, Boh73, CN71, He90]. Signature
[HL77, Lw80, Lw83, DWW90].
significance [TR77]. Significant [OO81].
Silicide [KEJ87, TD+87, Tu90]. Silicides
[MCWA95]. Silicon
[An006b, CSY79, CK79, CG72, D74, DJ70, DA77, FT64, FFH64, GK60, GBC65, HND+06, JD66, JD67, Ker64, LL83, Leh64, Lev64, LD74, Lip92a, Mar64b, Mey00b, Moh70, Pet79, Pet80, Pi66, PK61, Rut64,
MVCW10, MI10. smectic [CJ78a].
SMoLCS [AR87]. SMS [WZC+10]. SMT [Ano05c, MMM+05]. SN [SG77, HHA93, Hor98]. Sn-Pb [HHA93, Hor98]. SNA [FP83]. SNC [JSS13]. SnTe [CSE66, MDJ+70]. Smectic [AR87]. SMoLCS [AFP+10]. Social [BEJ+14, BDMN14, DGH+14, EEM15, KSSC+13, MDMN10, RVT+13, SXW+13, YCJ+17]. sockets [BEE+02, CRM02, NMF10]. sockets-based [BEE+02]. SoCs [PZK+03]. Soft [BSK+08, MS96, SKK+08, Z96, BH80, Del08, KCO08, ORT+96, RBK+08, Sri96, Tan96, ZMM+96, ZCM+96, van89, MBB+01]. Soft-error [BSK+08, MS96, SKK+08, Sri96, ZMM+96]. soft-magnetic [van89]. SoftRDMA [NMF10]. Software [AFP+01, Ada84, BHP83, BBG+14, Car81, CBD+09, DR82, DOJ+14, FHL+14, KFW+14, LBC+14, MSV14, MP88b, Obh84, SMC+14, SH84, Tay84, VMH+83, ABC+99b, AAB+14, ABB+03, AAS+14, AHH+14, BKN10, BFK+10, BGG+17, CHH+01, CDD+10, DYK+10, GMR10, GLM+96, JWS+09, KR+14, LH03, Mar12, MP88a, OEN+16, Pig88, PAB+05, RP14, RIB+13, VR1+0, VHS+81, WMK+07, WTT+14, WBT+10, WA15, DBC+06].
Software-Cache [VMH+83, VHS1]. SOI [FAD+07, FCE+15, LBB+13, Nnm02, PZK+03, Shx02]. Solar [BV78, CS79, DHM75, HC78, PCDW78, SCYK78, KLHW16]. Solar-Grade [CSY79]. Solder [FHL+82, GLCW93, LCB93, Spr61, KLS+05, CGL93, Cor93, Mah93, RBWH93]. Soldering [GS82a, SPP72]. solders [Hor98, KLS+05]. Solid [CGG+64, Cha82, DHSC64, DHSC00, Far87, Kuz70, LY83, PHCR81, SS61, WWK+87, Wyn64, BKB76, Moe91, Ni95]. Solid-Burst [Wyn64]. Solid-State [SS61, Ni95].
Solidification [CSY79]. Solids [BH79, Pri60, FGW81]. SoLoMo [CDL+14]. Solomon [Bla84a, Bla84b]. Solubility [BS77, MLSS84]. soluble [SPP72]. Solution [BDMW81, BII70, BGT74, Bog79, CBH85, CS65b, Dub72, FPS66, FK62, Hor66, HWC75, Kog74, Ku63, Luk75, PF66, Sna81, Sch84, SLL64, BSHM01, BII72, BH80, CHG04, Dan66, KBA07, KRC68, Lee07, Mas97, Mic59, Sug59, VSS+09, Whi72]. Solution-grown [FPS66, PF66]. Solutions [BT78, Hau96, Kuz70, SLA+15, Swi62, Bra72a, DGH+14, DP13, DP86, FCP+05, HHA93, JKB+13, Jen10, Mnr61]. Solvation [Cle81]. Solvent [Cle81]. solvents [Yan71]. Solver [Coo84]. Solvers [ET86]. Solving [ADST78a, Bre72, GR85, Tuc60b, ADST78b, Mic72, WYF+03]. Somatosensory [UC62]. Some [AG68, Ano59n, AFR62, BTH62, Bon64, BS71b, CK79, Coo62, FL67, FP83, GS70, Gor63, HBL62, Ins76, JN82, KT66, KLS66, Kol67, Kuh60, Lei62, LR65b, Ode87, Poh86, Poh95, RK74, RP78, RS67, Rus04, RS89b, Sam59, Sam67, Sam00, SB64, YAS87, ZY72, Cra98, Emm97, FL89, GBBM90, Kit89, Lew75, Vie86, YHA71, Gro59, Lee07]. SOP [KAB+05]. Sort [Tod78a, TW85]. sort-merge [TW85]. Sorter [MTW83]. sorting [ZY72]. Sound [Adl64, Bei74, Pri65]. Source [GS80, Arc93, BCF+07, DSRC98, LH03, PAZ72, SR71, WSK+93]. source-synchronous [BCF+07]. Source/Drain [GS80]. Sources [MN67a, KBJ+18, LD72, SSY12]. Space [Che64, CC76b, HC69, HP84b, Hud76, Mag73, MS60a, San83b, Sk176, TY64, Ne90, SKC+10, Woo04]. Space-Charge [TY64]. Space-Charge-Limited [Mag73, MS60a, HC69]. Space-Division [HP84b]. Spaceflight [Jan81]. spacetime [To904]. Spacing [Cha73b, TT75]. sparse [Gup97, PS91, To97, Tom72].
Substructure [KP63, MHS62]. Subsurface [Fre72]. Subsystem
[BS84a, CDGS3, DSW63, FLS78, MTS84, Mi18a, Pat85, WCB+86, AFFS98, BSK+08, BBC+12b, CBB+04, CCD+09, CW91, GCS+12, HBL+99, HBL+02, ICO71, JDBP10, MSB+04, MWS09, McN94, MLMP+12, MCG+15, OHK+07, OBB+05, OWG+13, SHR+09, SBC+02, WMB+15].

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

Subtraction [CNH73]. Success [DL02].

Successes [Lai08]. Successful [vKC+10].

Suicide [VMAB18]. Suicide-related [VMAB18]. Suitable [JH80, MS89]. Suite [CP97, CM98]. Sulfate [Trf58]. Sulfonic [HHA93].

Sulfur [BS77]. Summary [Gli69].

Suns [Dub83, MM83]. Sunlight [Hov78].

Supercomputer [MN86, ABB+13, AAC+05, ADG+05, BGG+05, BBK+08, CNC+08, CBC+05, CHT+13, DLJ+08, EFR+05, Pic91, PBK96].

Supercomputers [PZGL91].


Superconductors [GM62, Goo62, Le62, Map62, Mor62, Tin62, DY89, FNNF89, 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

Fie65, RK72]. Superscalar [BGW+04].
Supplier [DKR12]. suppliers [BR09b, Cov92]. supply [BBSW97, DKR12, GCFW07, SKK14, SP14]. supply-chain [DKR12]. supplying [Yar12].

Support [DR82, AFP+01, ABC+99h, AYA14, AEH+04, BS06, BCR91, CGM+15a, CDG+10, DMG+17, DCC+17, DOJ+14, FGK+07, GDL84, JWK+11, KBJ+18, KS90, KBK+97, LGW+15, LPMGD14, ST17, SKC09, TB809, VWE02, VMS+14].

Supported [Ham78, HKvG+11]. Supporting [DLW86, EEM15, KUm98]. suppression [Bus71]. Surface [AMGC86, AS78, ABM88, CFH64, DV64, DHTW86, DM64, FT64, Far87, GH86, Goo62, HBR85, KS66, Le964, Ma64b, Mei62, Mor79, ODK+99, TY64, Tu90, WSW83, WS64, YS64, YA90, DR93, HBR86, LV94, MFJP71, OS99, SRD94, SF93, TZZ+11].

Surfaces [Bru78, Chu82, CM74, Dem78, DJ75, DB76, FF86, GH86, HSM84, IM57, Jon65, Lud78, Pan78, PCD78, Pol78, Pri60, Sch62a, Sou64, AL95, BNT66, DF15, EM94, EC71, Giss, Ke75, KJS+88, MSG72, RK72, SA00, SHTP11]. surgery [TFJ+96]. Surplus [El74, Ag74]. surprise [SMC14]. Surveillance [RMR94]. Survey [Hei76, IM57, Met70, Ruz79, WET+10].

Survival [Bar75]. Suspend [HS82]. Suspension [CHB85]. Suspensions [SH63]. Sustainable [YT16]. Sweep [KST58]. Sweep-Position [KST58]. sweeps [EKR87]. Swelling [BP84]. Swinging [Hea76]. Switch [ABC95, Con58, DWGC85, LV67, Mar59, Pry65, Se58, BJM+06, Dha68, DMR+81, EB91, Eng03, GLO92, HAMC+04].

Switch-Type [DWGC85]. Switchable [Rab69, RHC73]. Switched [Hop61].

Switches [Chi60a, Con60, Kar74, Pet79]. Switching [CP63, DC73a, DW58, DPW60, Diet62, Eic65, HP84b, Kan74, KP59, Net60, Pca69, RTM65, Roe66, She59b, SLLP64, TW74, Thr65, Cor69, DCB77, DPW00, May60, Rey69, RR69, RW59, RHC73].

Switching/Memory [Pea69]. switchover [MWW+07]. SXGA [CAW+98, SS00]. Sylog [FGP+85]. Symbol [Kur87].

Symbolic [FLK84, Sur69]. Symmetric [Dub72, Key61b, Ost84, PS86, Bra94, MSB+04, RS91, Sho04]. Symmetrical [Wal57]. Symmetrical-Transistor [Wal57].


Synchronization [Ar64, Cha67, PR71, NG17]. Synchronous [Fra80a, BCF+07, C71].

Synchrotron [JS00, Arc93]. syndrome [BC00]. synergistic [FAD+07]. synergy [JWS+09]. Syntax [Mou86, Bro85].

Syntax-Driven [Mou86]. Synthesis [BMW83, BHD+05, Bud67, Chi60b, DJBT81, DBG+84, EKMW64, HP66, HO75b, Hud63, Kau81, May60, Rem67, WW75, BOS+95, Ber76a, CT06, DBG+00, DSW71, GUS66a, GUS66b, MSG+01, RW59, SKB+96, Wle76].

Synthesized [Whe88]. Synthetic [van77].

Sysplex [DP13, DEH+12, GPE99, RKW99].

System [ACG+87, AST67a, AEGP67, AS74, AHM+07, ABG+09, BEK+02, Bar75, BJS80, BBC+12a, BCF+07, BAV+09, BCD+85, BGM+67, BT67, BS84b, Bro78, BDH76, CDLS92, Cha87, COC61, Cha74, Cha75b, CCD+09, CAC+13, CFH64, CDW75, CLOR87, CAD+09, Com83, CI76, CD85, CPZ63, CDH64, CW91, DFM+88, DTH92, DBG+84, DMWW77, Dav80, DR08, DGG+92, Del80, DMP59, DSW71, EHHP67, ELZ79, ELMR77, FLW87, FLKA84, Fle58, FLR77, FGK+07, FL67, FNT1, FGM+83, GGRW91, GLP76, GLS7, GRT74, GMT57a, GMT57b, Hai85, Haj91, Hal76, HDW+07, HY84, HT+09, Hen68, Hoa61, Hop61, HP84b, JWS+09, Kan74, KST58, KKB+09b, KGB+09, Lat73, Le978, LH57, LH00, Lev64, LS76b, LW77, LNS4, LBH+75, LN79, Luh58b, MWS09, MC09, MDJ+70, MPS77, MDR+07, MSB05].
System
[NHH91, OHK97, PL83, PPS82, Pla76, PSW97, Pri07, PS09, RHM99, RFC+07, RH75, SWF+09, Sar91b, SHR+09, SKC09, Sea57, Sha5a, Shi85, SBDT+09, SY73, SV91, Sow84, SBC+12, SW67, TSNW88, Tay84, TAE+07, Titi61, Tod78b, TBB+09, TAR84, TSC91, TBS09, WMK+07, WLPL+80, Whe88, WHK+09, Wre83, WC75, Zab79, ZST+07, APRS16, AEAZ9, AY14, AKRS04, AUW+09, ADG+92b, ADH+07, ALS81, AHH+14, BCD+17, Bar78, Bar68, BHRS72, BBD+02, BMF+16, BMP591, BN+09, BKM+99, BDD+98, BC18, BHS0, BKRF92, BBC+08, BCC+01, Bro72, BCR91, Buc82, BMT+90, BGJ+17, C83, CP97, CTD+16, CDM92, Cor69, CBD+09, Cre81, DBG+00, DDB+02, De91, DMG+17, DTO8, DBC+05, DCC+17, DAB+97, DGL+07, DEH+12, EGH+87, FKL+08, FW08, GBC+05, GDB16, Gra69, Gra71, Gri69, Has98, HZG+16, Hooa00, System
[HDG+11, HCC+13, JSS13, JDP10, JCO0, JW+11, KMC+11, KGT88, Kis96, KAB+05, KKM12, KCH+09, Kon09, KSB07, KH+08, LNT08, LSF84, LSZ+10, LMP69, MMS05, MBG+97, MUB+04, Man90, Mat89, Mey81, Mol69, MTB+91, MVT+07, NBC03, OMA+96, OCT68, PMS+08, PBC+06, PR71, RAG11, RRM17, Rei69, RBK+08, RD12, RMM03, RIB+13, SYG+98, SMP+04, SG95, SM+14, SKT+05, Stat75, Str70, TV85, TMS98, TDF+02, Tii93, Tol97, TPF+91, VAB+05, VTC99, WZC+10, WMH+97, YAH+96, YG81, ADG+92a, ACG+86, ACF+80, ABB04, ABB00, AHJ+57, Aus90, BL+92, BM90, BEM+92, BM84, BMG+67, BBMP92, BRB92, BDL+97, Cal70, CMPR64, CRM+90, CTS+92, CDM92, CMW92, CDG83, Cov92, DHK+92, DGG+92, EG5+85, FL67, FAJ+94, GR92, GZM92, Gro90, GFS71, Gun83, HMM70, HM90, HOW92, KS90, KLM+91, Lip92b].

System [Mar90, MHR90, OGG90, Pad81, Pad83, Pat80, RB90, Sam64, SSW91, St90, War90, WD94, Wan85, WCM82, WSK+07].

system-level [RBK+08]. system-on-a-chip [BBD+02, DBB+02, NCB03].

dsystem-on-package [KAB+05].

system-wide [KSB07]. System/370 [ACG+87]. System/ [BGM+67, FL67].


System/400 [BLM+92]. System/6000 [Aus90, CRM+90, FAJ+94, HMM90, Mar90, MHR90, War90, WD94, BMG90, Gro90, OGO90, RB90]. System/7 [HHM70].

System/9000 [CW91, GGR61, Ha91, Sar91b, SV91, TSC91, ADG+92a, BBMP92, BRB92, CTS+92, Cov92, DGG+92, GZM92, HOW92, BEM+92, CDM92, DHK+92, Lip92b]. Systematic [WA79]. Systematics [UC62]. systemic [MBK+15]. Systems

[Age04, Age05, AG06, Age08, Bal05, BHP83, ClLS92, CFL73, Cha75a, Cho75, CLW80, Cle81, CC76b, DFS98, DRO8, Des02, Des04, DLW86, ES92, FGC92, GLS92, Gla75b, GS74, GHK76, GA84, HW12, Hal60, HLS81, Hau67, HTH+09, HS82, Hov78, HCTS81, IS83b, Jam81, KP79, KSW74, Kob70, Kuh88, LS6a, Le62, LD74, Nun09, O081, Par66, Pen88, Pet76, Pri07, RK74, Roe66, Rot66b, SH57b, SH57c, SY92, SH84, Sur15, Swa60, TW62, Tay81, ZST+07, ABE+02, ABK89, AO7, A001, AAB+16, Ano1c, AC84, AAB+05, AAM+07, AHH11, BSS+13, Bi72, BF10, BKB07, BHH03, BFG+99, BJ06a, BKPS82, CSW73, CCJH81, CDC96, CDG+10, CMS85, DSS+92, DUR70, ES16, EOH10, Fer70, Fla91, FGH+06, FN95, FY10, GZM92, GM72, dTGHC92, HG14, IS83a, IMC+10]. systems
CDD82, Car81, CNG09, CIE+03, CDM92, CM90, CM00, CGN72, CCW+02, DWA+08, DEG+01, EK08, Eng03, FN71, FHSD06, FCE+15, FW08, GGRW91, GWRS90, HHSR96, HRC+08, How92, Isao00, IFB+11, JMM+96, KMB+99, KAB+05, KYY+08, KBC+03, Ku92, Lar80, MAB+03.

**technology**

[Mey00b, OR92, OB09, PSA+08, PMV15, PZK+03, PSW+07, PTK96, RB2, RGP+95, SHWK+90, SAT+08, ST17, SI09, Sha02, SnNH13, SPP97, SHS90, SHS00, Sta02, SM+12, The00, TB00, VRA+09, WR00, YTH16, AF0+01, SAPT01, TFR+01].

**Technology-migratable** [BPS+96].

**telecom** [MDMN10].

**telecommunications** [Mey00b, VAB+05].

**teleconferencing** [BBD+98].

**Telephone** [ABCR65, BM63, Hop61].

**Telephony** [Dav58].

**teleportation** [BHM04].

**teleported** [Per94].

**TelePOVM** [BHM04].

**Telescope** [Hud76].

**television** [AFFS98, SA98].

**TEM** [Wee72].

**Temperature**

[An089, Bre60, BN63, CFH64, ESM16, GM62, GS84, GMT57a, GMT57b, Krr64, Lin67, Mee67, ODR70, Sie70, SWE62, van88, Bea90, Cnc+95, Ene89, Fuj92, JWS06, Kh71, Mey90, Mey00a, Okt69, Pai72, Pet89, SHK+90, SN02, Sch89].

**Temperatures** [CS85, Cr58].

**tenant** [KMM+16].

**Tennis** [BHP17].

**Tensor** [Ho66].

**terabyte** [CIE+03].

**Terascale** [FKL+08].

**Terephthalate** [Bhu79a].

**Term** [FR60, GAC85, BBC+08, SSB+12].

**Terminal** [Cha75a, Sak79, BA69, Kon69].

**Terminals** [San83b, TL70].

**termination** [Lan66].

**Terms** [Esa62, Pl66].

**terrace** [SHTP11].

**Terrestrial** [ZS96, Zie96, Zie98].

**Test**

[CW83, Doo83, EL80, EL83, GGK96, OH74, Sch67, SW67, VTMB+90, BKP82, CTPW98, Fu92, HBB+05, HMP90, HKR+97, KS90, KB06, LSF84, MTB+90, RB90, RH90, SWF+09, Sar91b, WLEF89, Won90].

**Test-Pattern** [EL80].

**testability** [Sta90].

**tester** [FKOP90].

**Testing**

[BDWZ83, HO96, PW83, TC84, BTP+90, CAS+91, DDZ+07, FCH70, GWRS90, JPTW92, MKW+05, MHC90, ORT+96, OCB+90, VWP90, ZMM+96].

**tests** [Ibe63].

**Text**

[Kin61, TSNF88, AAA+17, GGH+13, Irv89].

**text-oriented** [GGH+13].

**texts** [AC92].

**Textual** [CCFSZ12, MFL+12].

**TFT** [JPTW92, KSK98].

**TFT/LCD** [KSK98].

**TFT/LCD** [JPTW92].

**The** [Kog59].

**Thallium** [GL62].

**Their** [Arm65, DG84, RS59a, Tro80, AO97, CCF+10, HK64, HAO0, HBR5, HBR86, Jam89, Kum92, Lan60, Lud78, Sch96b].

**Theorem** [Dor60, Ode64, RS66, Shn94].

**theorems** [Mor73].

**Theoretical**

[BT84, Coo62, FK62, KN61b, Ku63, MP67, SB64, SM66, TC63, Wat60a, Wat60b, Gro59, Okt71, RR69].

**Theories** [Jon72, KP11].

**Theory** [ARV64, Ast67b, BW81a, BBS78, BLR84, Bog79, DC73a, Dut62, FP73, Gar86, Gun69, HP63, Ho73, Hor57, IM57, Jon98, KO67, KP59, LR07, LR65b, Mag73, Nes98, NB61a, Pip79, Pri59, Red57, RK75, RRV88, SS59a, Slo66, Tu75, Ung72, Ver88, Yas87, ZG65, Aas70, Bar62, Cha77, DCB77, EHLSW01, Gil60, GLS86, HBSW01, KM73, MN03, MHI01, Mat03, May60, Mor73, Pai69, Pip81, Pri70, Riv87, Sch89, Str68, Wee72].

**Thermal**

[BB82, CJ762, CN79, CS85, DS77, Jan69, Key65, Key71, LM85, LSW64, Mah93, PC85, PW83, Rei66, San83a, SFD77, Str59, Twa85, WGC93, Bea90, BAV+09, BR92, BS09, CGL93, FGMPK05, GLCW93, HOW92, Ibe63, ILH03, KLM+91, KSO1, LD72, PHCM05, SCI05, VDP94, Yoo90].

**Thermal-mechanical** [WGC93].

**thermal-to-plasma** [VDP94].

**Thermally** [Hem74, SGS+09, SST69].

**Thermally-Activated** [SST69].
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].

Tl
[BPL+89].

Tl-Ca-Ba-Cu-O
[BPL+89].

TOBEY
[Bla94].

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, 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, PKRF02, CV92, CR84].

toolkit
[KKL+14, MD12b].

Tools
[KGCS85, IBM13c, BH11, BDHH+09, DBB+02, MSW+05, Mol91, Tan08].

Top
[Tod78b, Man90, SON+91].

TOP-1
[SON+91].

top-down
[Man90].

Topic
[Ano93b].

Topical
[MT84].

topography
[HS71, Seg68].

Topological
[Gun69, NS92, VLK84, Aas70, RW59].

topologies
[ST89].

Topography
[Kuh60, Die91, MWL+14].

Torque
[Abb66].

Torsional
[Pet80, Sat63].

torus
[ABC+05, Adi87].

TOSCA
[BBG+14].

total
[Rab99].

touchless
[SIKL16].

Toxicity
[RL70].

Trace
[Hei94, BGW91, SLC+97, BCK92].

Trace-directed
[Hei94].

trace-driven
[BGW01].

traceability
[IZZ+16].

Traces
[FR60, APRS16, HHR99].

Tracing
[BDHH+09, WNB91].

Track
[Hoa61, KMHS82, 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, CPRvR00].

Transaction
[Wood87, OYH8B14].

Transactional
[LGW+15, OWG+13].

Transactions
[AGH+16].

transceivers
[TJHK03].

transcription
[HKD06].

Transducer
[Abb66, BCRF74, Bra75, TT75].

Transfer
[CH74, CS85, FB78, Gom86, Gra80, Hud63, Kau81, Lik88, PC85, Rem67, Roe66, Sch62a, SS78, Sea57, Twa85, Bou97, DH69, DG93, HCL72, IMC+10, Led71, MKJM93, PMS+08, RK72, Sun06, Var99].

Transform
[AC86, Bla79, Dan66, Har71, Kri82, Mas97, Bra94, Kri82].

Transformation
[BNS15, FL76, NFF+15, SR63, CRH12, HMP+11, KRTN+12, OBF09, Sha12, UDP+12, Vay12, WBT+10, San12].

Transformations
[DJB81, DDDKW12, Ros00, Sar97].

Transformer
[TK64].

Transforming
[GAB+08, SHM+12, WAB+09].

Transforms
[AS87, Coo82, Nus76b, Nus77, Lew75, Nus76a, NQ78].

Transient
[AGAF63, BH82, Gru79, HS61, vS57, BGL66, SG71].

Transients
[Loy79].

Transistor
[CW85, Cre58, Dun57b, FFH64, Ken61a, KO69b, KO70, CKG85, LV67, MM75a, McG92, Rut57, Str59, Wal57, vS57, BGL66, CPTW98, DMR+81, FAFL91, Fu92, GAO71, HRG80, HST71, KFM73, KFYU92, Kuo92, KOT99, LL98, SLYR72, TSH92, TCC98, TTI98, Won02, WWA+98, ZCK71].

transistor/liquid
[APOB9, How92].

Transistors
[DS70, Gau77b, Gau77a, Gil79, KMO64, Mag73, Rei66, RS59b, Wol70, CDS73, CDS00, Dha68, DM01, GOVC71, HF90, MTH71, TWF90].

Transition
[AW62, AOR62, BBT60, BBG60, BFT79, Dui59, Fre70, KMB+08, Ree59, RM70, Tri58, TT74, SN98].

transition-metal
[SN98].

Transition-metal-oxide-based
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Heisch:1994:TPR


Helinski:1979:HRS


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Kennedy:1966:ABC

Kennedy:1967:MTL


Kennedy:1969:MIA


Kennedy:1969:TMA


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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):
   for \(-1: \text{ USER!} ("")\);
   substitute \(-1: \text{ USER!} ("0")\);
   and delete the comment.

3. Table 10 (page 125):
   for \( \text{ fill}(-k, "0")\);
   substitute \( \text{ fill}(-k-1, "0")\).

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