Title word cross-reference

(−1, 1) [MY65]. (0, 1) [GS72a]. (b, k) [AC84]. (E, k_x, k_y) [ZVW+11].

−∞ < N < +∞ [Kog57, Kog58b]. 0.11µ µ [BDN+02]. 0 < N < 1 [Kog58a]. 1 − µ [GSC80, JHH+81]. 14 [FRS+18]. 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, HS60, KYY+08, PLS20, RG09, SAT+08, SJMBK08, ZVW+11]. 32 [LBB+13]. 360° [RCP+16]. 51/4 [FMPS93]. + [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, GSC+90, GBC65, HC70, KG80, KLBP64, KL80, Kus70, MRH89, MJS70, OG80, RF78, SJ70, SARG80, Tu90, Vur70, WB70, YDHS78, ZBL+72, vHv+89]. 2−x [ACM+89, BEH+89, EH+89]. 3 [CSE66, CDM89, CCD57, CSH+89, GSC+90, HD69, KBS+99, LD74, Mat70, MKP73, WTP64]. 4 [ACM+89, BEH+89, EH+89, FA70, Kus70, Vur70, WB70, WTP64]. 5 [BH89, KLBP64, MRH89, MKP73, ZBL+72, vHv+89]. 6 [YAJ90]. 7 [CDM89, CSH+89]. 7−δ [BH89, GSC+90, MRH89, vHv+89]. c [BCSE89, FNRF89, FL89, HHB+89, KC89, Kat89, Ke89, KIF+89, Meh89, Mor89]. p [FL89]. th [Fuj92]. x [ACM+89, BEH+89, EA+89, LMPP69, MB75, Mat70, SG77, Vur70]. A [LO72]. b
-adjacent [AC84, Bos70b], -alloy [TCCH98], -based [CGK+99, YA90], -body [FRE+98], -Channel [RGL75, CD73, CDS00], -D [ZVW+11], -factor [SBR64], -Film-Based [Bh97a], -GaAs [Spe69], -GeTe [CSE66], -inch [FMP93], -nm [FRS+18, FCE+15, LBB+13], -Si [FR78], -SnTe [CSE66], -stable [LO72], -supported [HKv+11], -Switching [SLLP64], -transform [Dan66], -Type [FP69, FA70, Vur70].

/Cd [Vur70]. /Cr [Vur70]. /CuO [BEH89]. /In [LMPP69]. /O [ZBL+72, Bra72b]. /Sb [LMPP69]. /Se [FA70, Vur70].

0.1- [SHWK+90, SWC+95]. 0.12- [PZK+03]. 0.25- [HWC88]. 0.5- [HWC88]. 0.7-Microsecond [RRSW61]. 000-Word [FP57].


3420 [ICO71]. 3480 [WCB+86]. 360 [ABB64, ABB00a, BDH+19, BGM+67, Cal70, CMPR64, FL67, Pad81, Sam64]. 3687 [DSW82]. 370 [ACG+86, Bar78, Chi86, CDG83, Cre81, Gum83, Pad83, Sta90]. 3800 [BS84a, FL57, FL77, MTS84, Mil84]. 3803 [ICO71]. 3803/3420 [ICO71]. 390 [CS99, DGL+97, ECD+99, Gre97, HBL+99, JL99, KBM+99, KLM+91, KL97, Mau97, RHM+99, SSM97, SK99, SCC+97, SY92, SMK+99, TMB+99, Van97, WL97, Web00, YS99]. 3D [FLC85, KN91b, Sch96a].

4 [BHP83, FK090]. 4-Mb [FK090].
4.2K [EBd+86]. 4.5 [TMT+20]. 400 [BLM+92, Ste01]. 405LP [NCB03].
4096-color [KFYU92]. 41 [Ano97a]. 4250 [GT87]. 44 [Ano00a, Ano00j]. 45
[Ano01a, Ano01o]. 45-nm [IFB+11]. 4765 [ABC+12]. 4769 [BCD+20]. 4D [Die91].

5.25- [BBT85]. 50-Megacycle [WRLA57].
500 [CP13]. 500-picosecond [RHC73].
5000-Circuit [Dan81].
60-nsec [ABPS66]. 6000 [Aus90, CMR+90, FAJ+94, HM90, Mar90, MHR90, War90, WD94]. 603e [J096].
64-bit [GHL+04]. 64K [LST80]. 64Kb [SHDK95].
670-nm [KACS95].
690 [BKRF02]. 6G [HA71].

7 [HHM70]. 77K [Mar64c].
8-inch [BBT85]. 80 [AHH+91].
800-Bit-Per-Inch [BS70]. 805g [Lan96].
8B [WF83]. 8B/10B [WF83].
90-nm [FAD+07]. 9000 [ADG+92a, Att92, BBMP92, BRB92, CTS+92, Cov92, DGG+92, GZM92, HOWP92]. 91
[AST67a, AEGP67]. 9121 [CW91, GGRW91, Haj91, NHH91, Sar91b, TSC91].

A10 [BCI+95]. ABC [KL94]. Aberrations [Arm65, Brd97]. ABIC [CM98, Mar98].
ablation [DAB+97, SPP97]. Abort [Soh76].
Above [Sie70]. Abrasive [Ros78]. Abrupt [CC76a]. Absorbers [Key63]. Absorbing
[PCD78, Dav69, Her66]. Absorption [Bro62, GL62, WB70, BH89, DP68].
abstract [Bei92]. Abstracts
[Ano57a, Ano57b, Ano93a, Luh58a]. AC
[AS78, HO75b, Lan74, LS78, OPR+78, O’H87, RP78, SS78, Won90]. AC-Coupled
[HO75b]. academic [ITS+15]. accelerate
[Oha01]. Accelerated
[Gil79, ZMM+96, CBD+99, LSS+99, PK98]. Accelerating
[PSM+98, RG90, SMP+04]. acceleration
[CJH+95, CNL+99, EGN+99, Gsc16, KKS02, MA99, NFS+17, PLK09, SSKS+20, SSI+18]. Accelerator
[SBJ15, CCB+10, GKT17]. Accelerator
[ABK+19, BAB+13, EWT+07, Gsc01, PK09]. Accelerometer
[Par70, ACORN] [HY84]. Acoustic
[MMN67a, MMN64, MW70, PAZ72, PK61, Tie61, HKA+13, Tur69]. Acoustical
[PK61]. Acoustical
[PH85]. Acoustoelectric
[MSW69, RK69, Spe69, ZZ69, Bra92, Lew73]. ACP
[AGAP63, CP3, MT64]. Acquisition
[DBG78, BKM+99, CCFSZ12, Kon99, Nic92, Rei69, SG71, WN92, CMP87]. across
[HRF+17]. Acting
[SWD74]. Action
[DC73b, AWK20, TMW+17]. Activated
[PRY65, SST69]. Activation
[SD71, RC17]. Active
[BS50, HJ88, Har65, Hud63, LCL+98].
MWN63, WWA+98, AIH+98, BAB+13, BCCK92, CAW+98, MC09, NAB+15.

Active-matrix
[LCL+98, AIH+98, CAW+98]. activities [APRS16, SSK+16]. Activity [RCH+86, LRNS17]. Actual [MW79].

actually [Per04]. actuation [RBB+11].

Actuator
[Hea76, MJ64, BM68, FMPS93, ZH89].

Adapter
[HTH+09, ZST+07, BAB+18, OCB+90]. adapters [HSL+05, SAB+07]. Adapting [Osb93, DBC+06]. adaption [MWL+14].

Adaptive [EÖH10, FWR+11, FB78, HW81, O'M85, Pat85, ATL+88, BS06, BSHM01, CLP+13a, LQRS04, Nob95a, ODL+09, PMLA88, Sho94, Ung72, HJK+01]. add [AEG+02]. Addendum [An66k, MH98, SW98]. Adder [HA58, Pet58, LKY80, Lin81, Wei91].

Adders [LT70, Wei79]. Addition [Rut57, Hor98]. additives [VBA05].

Address [BCH84, Fra83, HP63, SR63].

Address-Independent [Fra83].

Addressable [MLGD84, WW71].

Addresses [FT80]. Addressing [FC63, Pet57, SAA+18, APOI92, van73b].


 adhesive [KS01]. Adjacent [Bos70a, AC84, Bos70b]. adjustment [Kar73]. Admittance [Hud63]. adoption [GBW+17, RM09]. adsorbed [MHW95].

 Adsorption [Bru78, SSFF11]. Advanced [ABB+05, ATW97, BAH82, DMG+17, ESS+20, GBS+87, GN06, HCR88, HKR+97, KMO+14, KGS85, HRC93, SSN+15, TAE+07, GBB+05a, HRC+08, KPT+02, KRT98, LLF+92, MAG+01, OS99, Sou96]. advancements [ABB+12a, ABG+09]. Advances [Ano19g, BGL07, CCC+15, RQBW08, STCR84, Tis90, DM01, KFSZ92, KAB+12, SP17].

Advancing [BABB+18, BGL+92, CAK+15, PCW+17]. advantage [HST+06]. adversarial [SHCV+19]. adverse [SLZL18].

advertisement [RAMD19]. Aerial [BDS+97]. Aerodynamic [Len74].

Aerosols [HC78]. Affecting [GOJN77].

AFM [VDD+00]. Africa [ZW17]. after [Lan66]. Ag [Vur70]. Ag-Pd [Kah71].


agents [Hor98, NBM+19]. Aggregating [Oha10].

Aggregation [BBG60, Cla03, KOP14]. Agile [EMM+18, WBT+10, AAB+14, GMR10].

agility [OEN+16]. Aging [Gil79, CHH+01].

AHAFS [JDBP10]. Ahead [LT70].

AI [Ano19h, Ano19j, ABH+19, BBMR19, BDH+19, CNL+19, IJV99, NBM+19, SR19, WSJ+19]. Aid [KC66a, DH69]. Aided [K070, Rue79, SLG78, Dec90, FST14, FCH70, Ho73, KLR98, Sch96a]. aiding [DRS15]. Aids [HS81b]. AIM [KJS09].

AIM-HI [KJS09]. AIMS [BDS+97]. Air [BMC86, FL74, FK62, Ku63, MW62, NH91, PH79, SCHR+72, CXZ+17, Coo90, Fro71, GGRW91, Hj91, KLM+91, PH81].

Air-Bearing [FL74, Coo90]. Air-Cooled [NH91, GGRW91, Hj91, KLM+91].

Airborne [Ben59, AKKJ2, NT72]. airline [LB07].

AI [Aus90, CMR+90, He94]. AI [Dou62, Bdm+78, CSE66, CFH64, HRS+95, TCH98]. Al-AI [CSE66]. Al-alloy [HRS+95]. Al-Cu [Bdm+78]. ALDC [SK98]. Alfven [WS64]. AlGaAs [HVK+90].

Algebra [Mar64a, AGZ94c, Gus97, Gus03].

Algebraic [Pip81, RW59]. Algebraically [Str68]. Algorithm [Alu79, Bea74, CMP87, Cve87a, Don69, Hai85, Jel69, Lew83, Luk74, MFT77, O'M85, SN87, Tod78a, Tom67, AGZ94b, AGJA06, Bar82, BP74, CDC96, CFP20, Cra98, DF15, Dan82, DFNNS17, DBNK+17, FW83, Gus76a, Gus76b].
Algorithms
[Cha77, AGZ94c, BDH+19, Cra98, RDL19].

Algorithms
[AMG+87, AFCB94, DKN87, Far87, FLW78, FHPRO1, KR87, KM77, RK75, Ver80, Wit85, AGZ94a, AGZ94c, BK74, Bra94, DH03, GS72b, GS72a, Gus97, Gus03, KB74, LQRS04, RS94, SG94b, TR77]. Aliasing
[DWW90]. Aligned [TDM+87]. Alignment
[BCH84, And10, LCL+98]. Alkaline
[WA79]. Alkane [VM79]. all-reduce
[CF8+19]. all-sky [SIZ+15]. Allocation
[CFL73, van72, van73a, ADG+05, BCE+07, DHMP94, GHH+17, GSAB93, KdAC+15, vdp72, Yan07, van73b]. Alloy
[BdM+78, Fie65, GL62, NM65, RL70, VCG79, AT00, BKM80a, BJM80, HRS+95, LMP96, TC98]. alloyed [SD71]. Alloys
[BS64, CJ762, Col62, HBL62, HK64, HB74, How82, Jun00, KS66, LR65a, Lud78]. AlN
[RHC73]. Alone [Don80]. along [LT95]. Alpha [HRC+08, GRH+08]. alpha-particle
[GRH+08]. Alpha-particle-induced
[HRC+08]. altered [Irv89]. alternate [VWE02]. alternating [Wid67].

Alternative [AKNR10]. alumina
[KLM+91]. aluminium [SD71]. Aluminum
[AD70, AIH+98, DYH78, Jon70, YDH78, AdH00b, Lar80, SL66]. Aluminum-based
[AIH+98]. Aluminum-Implanted
[DYH78, YDH78]. ALUs [PV93, Sch80]. always [SI9d16]. always-on [SI9d16].

Ambient [BMC86, Le64, RC09]. Amdahl
[CPD+09]. Amendment [Ku63]. Amino
[BBD63]. Among
[DG84, Vi82, 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, CNL+19, HNS+03, HB73]. Analog-to-Digital [Wal58]. Analogon
[BDH83]. analyses
[BBMP92, Gro59, PMS+17]. Analysis
[AW82, AKB+17, AH79, AGAP63, BCB+09, Bos97, BK61, BCG81, Cal81, Cas60, CFL73, CHW75a, CHW75b, Cha62, Cha74, Cha75b, CW85, Chi86, CDW75, CW77, CMS85, CPL+74, Cve87a, FE75, Far57, Gar64, Gaut77a, GLS74, GLP76, GS87, GA84, GL87, Gru79, Gus76a, Gus76b, Hs81a, HP66, HW81, HS81, HSC82, Ho66, HS82, Huf75b, HS71, How84, Hua79, Ken61a, Ko65a, KO96b, KO70, KGT88, Kru87, Kru74, Laf80, Lan74, Lee77b, LS76b, Man85, Mat85, McA83, MW79, NB61b, Ohb84, PL83, PH65, PM76, RP70, Rue79, SC75, SF77, Sop59, SM66, Sta87, SM63, SG94, Tak87, Tan74, TKG89, Thu60, Tit61, TAR84, VS65, Wat60a, Wee79, WCM72, WC75, WA79, Yaq57, AAA+17, AM88, Bal91, BFR813, Bir01, BGL66, BBS+03, Bro72, Bur72, BCG80, CMG+15b],

analyses [Cha73a, CGLL93, Cop00a, Cor93, Dan66, DBB+02, Dic91, ESA02, ESS+20, Fer70, GM63, Gre60, HMO81, HO81, HKA+13, HRF+17, How73, KFB+97, KM68, KWT+11, KBF+92, KS01, LPM+12, LFF90, LSW13, LD72, Lun77, MYK+17, MLI01, Mat03, MXW+17, MDM10, Mon82b, MNWH20, MFL+12, NML+20, Okt71, PDP06, PA72, Pig88, Sch96a, Sed67, SBB+71, SLZL18, SSB+12, Sta75, TWX+10, TKV00, TTF98, Tuc76, VPD88, WLM+17, WTT+14, WC69, YBF+14, You90, ZBL+72],

analytic [Bar78, Mat03]. Analytical [LD72, MLI01, SLH67, Tre00b, VMS+14, Bat00],

Analytical [AGH+16, BR17, ED8+13, KAF+16, AHN+03, ADF12, BBC+12, BSY+15, BGL7, BEJ+14, CDL+14, CJI+15, CHM+16, CP13, D20, DGH+14, DJL+16, DNZ+19, GKG+13, GWB+17],
GSC12, GAJ+16, HZG+16, KBJ+18, Kan15, KRTN+12, LPA+15, MHR+15, Pon17, RRMD17, RCP15, SJW+16, SKP+15, Sim19, Sof13, SSI5, SMX+14, SIKdL16, WSJ+19, Yar12, ZSY+13, BBE+13. analytics-based [KRTN+12]. analyze [SSK+16]. analyzer [Ano71, MMUS88]. analyzers [DWW90]. Analyzing [HAG+13, KSH+08]. anchored [NNGV19]. anchors [BCC+19]. Andreew [vHv+89]. Andrew [RBB+11]. Android [SBG+13]. Anelastic [BN61a, BN61b]. Angle [CSS83, Lan63, PBF60, PW68]. Angle-of-Incidence [PBF60]. Angular [Hum59, Sun06]. Animation [BS91, FLCB85, WNB91]. Anisotropic [Pri60, NSO98, PMT2]. anisotropies [Yan71]. Anisotropy [Boy60, OHS97, PBF60, You90]. Analyzing [Blu79a, CCP85, CFH64, DKN97, GC98]. annihilation [Pet69]. Anniversary [Car81]. Anodic [Dat93]. anodization [Hes99]. Anodized [PCDW97]. anomalies [LSW13]. Anomalous [AC63, CP86, LeB62]. Anonymizing [GDLS14]. ANSI [NFI+08]. answer [TOKN18]. Answering [Pla76, BCD+17]. answers [Fre94, GLK+12, MKW+12]. antenna [LGF+03]. antennas [DHK00]. anticipator [HM90]. Anticoincidence [Spr63]. Antimony [DV64, HK64]. antisapm [WZC+10]. any [DDMS92]. Aperture [van77, SRCW97]. API [WML+16]. APIs [WML+16]. APL [AT78, Chi86, CJ91, DO86, F173, Lat73, Ort84, Sur69]. APL/370 [Chi86]. APL2 [Alf89, Bro85]. APLGOL [Kel73]. Apparatus [BP75, Tay57]. appliance [VCM+20]. appliances [JWZ+09]. Application [Ast67b, Bar75, BMC86, BMD+20, BSJ+13, BUK88, BHWW77, CM80, CD85, DC82, Dou62, FLCB85, GA68, GHK67, HP63, HJ88, HKM+86, How82, KTM0, KM00, KT84, Kov59, KBF+92, LS76a, Le 62, LMT84, MW80a, Mar64b, MS67, MS87, Mio91, MP86, PBC+96, Pip79, PKZ+03, Rot66b, SM78, SLG78, SF93, Tso80, TTI98, AKKJ2, AAB+10, ABM+01, BBPS91, BDS+97, CP72, CLP+13b, CPT+08, CN94, EMM+18, EPP10, FKL+08, GI88, HBB99, LFR05, LR79, LS72, LSS+20, MLWC20, MDJV08, MC87, Mon82b, NC03, RRMD17, RR69, SBG+13, SHC+2, SCW01, TCH98, BLM+92, MY65, MM75b]. Application-focused [BMD+20]. Application-level [BSJ+13]. Application-Specific [HKM+86]. Applications [ABC+85, Aic84, BV78, BAH82, CA84, CH84, Com83, Cro79, Dat98a, Hau96, HF78, Hop61, Kau81, NB61b, OOS1, Sch75, SCY78, WKB+86, WR83, ZG65, vV86b, vAR82, AW82, ABB+03, ARM+01, AKG+19, ACM01, ATW+08, BCC+16, BH82, CS84, CCG73, CN18, CLJ+10, CBBS90, CKL+13, CJK+13, CRM02, DT08, EWS+13, GR92, GBMM90, GSC12, HVK+90, HHR99, IFB+11, KM93, KF9+06, KLS+05, KKT+95, LPA+15, MCAA95, MN97, Mos61, Oha10, Osb93, RFC+07, SBG+13, Sch96b, SWC+95, SPR+95, SHF+16, SR19, SDDK95, TWX+10, TFL+98, WYF+03, WJS+19, WYS92, YAH+96, ZSY+13, ZFE06]. Applied [Cob87, EHHP67, Jur78, Nor58, PW67, SH57a, Sar91b]. Applying [CPD+09, EGO0, GCFW07, OTC14]. Approach [BBC+64, BF77, CAE+76, CHS82, Gor65, HJ88, Ho75a, KMO64, Len88, RS85, ABG+95, AY14, AR87, BKN0, BMS+17, BTW92, BL15, CHG04, CCE+2, DEG+01, Fer70, HCO74, KRTN+12, Koe18, KSSC+13, KRS+17, Luh57, NML+20, NMV+09, PL20, RCP15, Rub90, SKS06, SJZ+15, TWM+14, VJA07, VPV+19, VNT16]. approaches [DKJ14, Fra89, MBB+01, SN06, TSC91]. approximants [Ris72]. Approximate [CPvR00, CHW75a, NG17, SC75, Sau81,
backpropagation [NFS+17]. Backscatter [Far82]. backscattering [ZBL+72].
backtracking [SS86]. backup [Ste01].
baking [HHSW01]. balanced
[DGL+97, Ris73, WF83]. Balancing
[GS03, CHG04]. Ball [CGLL93, Cor93,
LCB93, Mah93, RBWH93, GLCW93].
Ballistic [HF90, Lu00, RMR94]. Bamba
[WLKS98]. Band [Adl70, CFG64, CCE+88,
HK64, Mc64, Rem67, WB70, Haa70,
LMP69, Nob95b, ZH89, ZVW+11].
banded [RSS91]. bandits [BBMR19].
Bandlimited [Sta67]. Bands [PB69, FA70].
Bandwidth [Ism00]. banking [SMX+14].
Barium [Cam57, DH57]. Barrier
[BKM80a, CP86, AA71, GBW+09, JP94,
DS75, Mid70a, Wo70]. Barriers
[But88a, CSE66, OSP+98]. Base
[DC73a, Eas75, GLP76, GS74, Hal76,
HKM+86, LS76a, LS76b, LN79, MM75a,
McG81, Scw76, VM79, WW75, AT00,
Ber76a, DCB77, FGP+55, Wie76].
Baseband [KGF77]. Based
[AGLM85, Bli79a, Eas78, EP86, HL77,
HS81b, Lom80, Pet76, RP66, Shi85, Str83,
ACM01, AHI+98, AKE+92, AEH+04,
AAH+14, BEE+02, BW16, BC18, BHH03,
BBG+14, BCC+01, CKG+99, CJS8, EGN+19,
ESS+20, FRPG01, GP81, HRZ14, HP01,
Ibe03, JS14, JZ91, KBP+12, KRT+12,
KMB+08, KBA07, KBB+07, KAB+05,
LSS14, MDH+12, MYK+17, MS05,
MBF+07, Mey00b, MTB+90, MS07, NFI+08,
NMV+09, Ngu99, Nob95b, OR92, PSA+08,
PWT2, RCP15, SNP06, SAA+18, SvNH13,
SKS+20, SG94b, SJZ+15, SMX+14, TOK18,
Tib93, TMS+01, WZC+10, WLH+17, WP11,
WML+16, WNV+02, YGR14, YAJ90].
Basel [RCH+86]. Bases
[ADST78a, MR76a, ADST78b, FBHJ04].
Basic [FHVZ80, BK61, GR90, PMLA88].
basin [EWBR09]. Basis
[Ins77, Lom76, HdTR06]. Batch [BBC+64].
battery [Ste01]. Bayesian [PK18]. BBr
[LD74]. bcc [HBL62]. BCS [Ode64, Swi62].
be [Gri04, MS89, BBS78]. Beam
[BJS80, Bro88, DMW77, Dav80, ELMR77,
GOJN77, HWC88, Hor62, KP59, KP80,
Lin67, Lunn79, MW80a, MPS77, MP67,
NM62, PS80, PW78, Bag94, BKG+82, DP68,
Far98, FOKP90, GI88, GWRS90, GHP+93,
KBF+92, LR79, LCL+98, MTH71, MAG+01,
PG88, RKL88b, WP69, WW71, Gi84].
Beamforming [Raa76]. beamlines
[SRO93]. Beams [Le 62, WSBL90, ZS96].
Bearing [Bau63, FL74, Lan63, Cool90].
Bearings [SWD74, SM63, TT74, VG74,
BCT89, BHUK95, Dec90, Gro59, Mic59].
Beauty [FyGM90]. Becoming [DSZ+12].
Bed [Sti79]. Behavior
[Cha62, Col62, Eas78, Fer75, GR58, Goo62,
LM85, Lev64, Mid65, SM63, WA79, ASR07,
BSY+15, Bau72, BP74, BP88, BGL66,
BEJ+14, CP97, CF72, CR15, FP73, It01,
KAF+16, Mor89, PL20, SMVK90, Vie86,
Vur70, WZC+10, YBF+14, You90].
behavior-based [WZ+10]. behavioral
[HHC+18, OIM+13]. Belief [EP86].
Below [Sie70]. Belt [ELZ79]. benchmark
[CP97, GHH+13, KGBB09]. Bending
[BP84, LC83]. benefits [BR99b, Now02].
Bentonic [SH63]. BEOL [GON+06].
Berle kann [Gus76a, Gus76b]. Best
[Cve87b]. better [EG00, Jaq03, KLO4].
Between [CLW79, KLC84, Lew83, Mic78,
AAM+07, BBT60, BCT89, Bro94, Bru78,
DP13, EC71, KSH+08, Les71, Lew75, Lew12,
Mei62, MKJM93, Nef90, Pes71]. Beyond
[An06b, HH04, Pad81, RD12, Won02,
BFC+06, BLDM97, CS03, FOKP90, GR90,
HND+06, TMF+95, WGF+06, WNV+02].
bi [AW82, BS64, Sui75, ZBL+72]. Bi-
[Sui75]. bi-level [AW82]. Bias
[ASV76, Dun57b, DMN+59, Ker64, MU77,
BDH+19, CM19, Fuj92, SR19]. biased
[Yas07]. BiCMOS
[DAC+03, FMP+03, HNS+03, Nin02].
Bicubic [DB76]. bflow [Ari69]. Big
Breakdown


Brightness [ON60]. Brightness-Voltage [ON60]. Brillouin [Spe69]. Bring [CLP+13b, JKB+13, DFF+15, HBB+05].

Bring-Your-Own-Device [CLP+13b]. Bringing [OYHSB14]. Broadband [BDHH+09, CRDI07, CS03, JB07, LJ+07, PBBL07, RWW+07, RG09, SHL07].

Brownian [RVV88]. Brute [DB01]. BSRA [VDG19]. Bubble [ASV76, BL62, CERS76, CLW80, CC76a, Sch75, FY76, BK76, BBP72, BW81b, CCG73, Lin76].


Building

[102x610] [ABB+16, IS20, Jur78, KFH+06, KMM+16, KAA+18, NMM+07, ACFS+16, BCC+01, FG92, HSS+10, NMV+09, TMS+01]. building-block-based [TMS+01]. Built [FPS66, KS90, CVN+15, HMP90, RB90].

Built-in [FPS66, KS90, HMP90, RB90]. Bulk [Cha74, Pali09, Sta75, GC68]. bumping [GBB+05b]. buoyant [Fr+71].

Burning [GFHW82, VM79]. Burst [CT65, Wyn64, Gor63]. burst-error [Gor63].

Bursts [MG63a, Meg60]. Bus [GPE99, H81a, SLC+97, RKW99]. bus-driven [SLC+97]. Business [ADF12, Luh58b, P+07, RM10, SH57a, CKE+10, DDDKW12, Den80, DCC+17, DKR12, FvGM90, HSS+10, MD12b, SKP+15, TCP+16, Vay12, WAB+09, ZBG+10].

BYOD [JKB+13, CJK+13, SSK+16]. Byte [Pat86, DMR+81].

C [Ber76a, Wie76, CKF+91, FL89]. C4 [DWA+08]. Ca [BPL+89, Mat70]. cable [DAQ+93]. cables [DAS+94]. Cache [FHVZ80, VMH+83, BGAJ94, BM96].

BBD+12b, CT06, DGL+97, FLMKS06, MBJ+97, MWS09, MMR89, Mat89, MHI01, SG94a, SSD+15, Th88, TMB+99, VHS81, WMB+15]. cache-miss [Th88]. caching [SMC+14]. CAD [CS84]. Cadmium [Mas62]. cage [HDW+07, SBC+12, WBS+04]. Calcium [SS61]. Calculation [Bei74, Fro84, KRC86, LS78, Mar64b, Ove70, MM75b, RE71, Shi73].

Calculations [Hut74, KO66, KM66, Phil78, RS85, SM63, Fre66, Led71, Rue72].

Calculus [Rot66]. calibration [Vie86]. Call [KM20, LPMKG14]. calls [Lom77].


Cancer [Pic87, OMA+96]. candidate [KBS+08, CCB+12, MKW+12].

Cantilever [BSJ+06]. Capability [CBBS90, AAB+05]. capability [CCC+15, CM19, FDS+13]. capable [RHC73].

Capacitance [AO60, CB85, FT77, Mar64b, GAOD71, KMK68, K069a].

capacities [Sho04]. Capacitor [DK67, FMP61, Has62, Has66, HOWP92, KBS+99].

Capacity [ABG+09, MT77, LSS14, Sho04].


Carbon [CSY79, HG83, LY83, SCH+99].

GMP90, Gri99, KLF71. Carbon-13 [LY83].

Carbon-Loaded [HG83]. Card [BM84, FMP61, Has62, Has66, HPZ+05].

cardiac [NNN+06]. Cards [Has62, RBWH93]. care [EEM15, PL20, SSB+12, TOK18]. Carlo [Ken61a, LFF90, MNR86, MS96].

carpal
Carriers [KAB+05], Carry [Car60]. Carrying [Kuh88]. Cartridge [WCB+86]. Cases [Keh65, KGF77, MDH+12, DCC+17, HMO81, Ho60, LB07, MOG+19, SKK14, SwNH13, VPV+19, WLH+17]. Case-based [MDH+12]. Cases [Rob67]. Casey [DCB77]. catalysts [owie88]. 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]. CeNUMA [BCC+01]. CCs [SS87a]. Cd [Vur70, Tit63]. CdCr [FA70, Kus70, WB70]. Cdln [WB70]. CDMF [JMLW94]. CdS [Boe69, MSW69]. CECSIM [BB+02]. Cell [BV78, Gar57, LS78, RWC80, TSH92, BCC92, DMR+81, EB06, HRG80, JS72, KKB+97, Lee77, BDH+09, CRD+07, JB07, KDH+05, LJV+07, NMH+07, PBBL07, RWW+07, RGO9, SHL07]. Cell/B.E. [NMH+07]. Cells [GMW80, LJ92, NBF+00]. CellSs [PBBL07]. Cellular [HMP90, Pic87, SG94b]. Cement [MS67]. Center [DRB+20, Pul07, BCG+09, CPD+09, KGD15, KTD+00, LPMGD+14, MI01, SCI05, SBB+09, TFJ+96, WH94]. centered [BMS+17]. centers [BNSG09, BSRM09, Hvk+09, NMV+09, SI09, VRA+09]. Central [Cho75, Col59, SC75, PBC+04, TBB+09]. Central-Force [Col59]. centralized [Yar12]. centric [BCE+07, DF15, HLZ+09, Sha12, ZBG+10]. Century [HCTS81, JS81, HB+81, TMF+95]. Ceramic [BB82, Gou89, MKW+05, YCB05]. ceramic/copper [TTK+92]. ceramic/copper/polyimide [KFSZ92]. Ceramics [BW83, Vie86]. CERN [BO69]. Certain [MG63a]. certificate [MBF+13]. Chain [AKK+67, Fla65, GLS67, Lye77, MR76a, SSW65, DPK12, GCFW07, NQ20, NNG19, SKK14]. Chain-Complete [MR76a]. Chains [RKN87, SH78, SP14]. chalcogenide [Haa70]. Chalcogenides [Dim70, Kas70, Von70]. challenge [Coo18, WA15]. Challenges [MBD+02, MLM+19, SCI05, AG06, BCK+05, CPC+18, DfDS98, GNF06, JAC+19, Lai08, LPA+15, SLA+15, SAA+18, SFG+06, SPP97, WHK+09]. Chamber [Ch73b, MN70a]. Championships [HBP17]. Chang [Sta75]. Change [Sou64, CTD+16, DDDK9, DSZ+12, KMB+08, RBB+08]. Changes [CC76a, Lew83]. Channel [Cal81, Cio86, CDG83, DHC+20, GD+74, Mi83, RLG75, AAC+06, BAB+18, CDS73, CDS00, FGC92, Fra08b, Irv01, KTN70, LKY70, SFG+06, Sho04, WYTO4]. Channels [CR76, Fra79, Fra80a, Fra82, KGF77, KT73, MFS, Sba58b, Fra89, GE02, Rue04, SJW+16, TLM83]. Chaotic [Hen83]. Character [Die+60, WR85, YG81]. Character-Recognition [Die60]. Characteristics [BKMS80b, Cre58, GLS67, JH80, KMC+82, L78, OPR+78, Pea69, Roe66, TDM+85, UL70, WSS75, WW71, BB09, Bro67, CDS73, CDS00, EWS+13, HRW69, ILH03, KAH71, KGD15, KTD+18, MMR89, PHS1]. Characterization [AT00, Ana05c, AGAP6, AEE77, Bar73, BCC80, Es82, GA88, GC81, MMM+05, OHWR88, OS99, SS78, SY73, Twa85, YDH78, ATW06, ATW+08, ABM88, BSJ+13, CPTW90, DDA+93, DKS+95, GLG+99, Hof60, KB06, LBT99, Lu99, WGC93]. Characters [Cas70, CEHL78, GVK57, Yha75, DDMS92, HM71]. Charge [CH74, DYHS75, Gra80, Kau81, LMD70, Mag73, MS60a, Sch62a, S87, Sch96b, TY64, Fre96, HC69, HCL72, HRG80, Lee77b, Pat73, TGB+80, Var89, WYS92].
Charge-Coupled
[CH74, HCL72, TGB+80, WYS92].

Charge-metering [Sch96b].

Charge-Transfer [Gra80, Kau81, Var89].

Charged [Fre79], charges [RRB+01].

Charging [FBW77, DG93, DXZS13].


Chebyshev-expanded [FXL01]. Check [Ahu79, BBH94, Irv01]. Checkers [Sam59, Sam67, Sam00]. Checking [Pet58, PR59a]. checks [Irv89]. Chef [VPV+19].

Chemical [BBKW96, Chu82, Cle81, CK79, HHSW01, Ito97, Ito00, KEJ87, Leh64, Lun79, WKB+86, Benu90, Coo18, CNC+95, CNS+99, GMP90, GPR+92, Luc99, Mey90, Mey00a, Ngu99, YAJ90].

chemical-mechanical [GPL+92].

Chemical-Vapor-Deposited [KEJ87].

chemically [HHSW01, Ito01].

Chemisorbed [Dem78, Lan86].

Chemisorption [BBS78, Win78].

Chemistry [CFG64, CD85, Hir77, KT84, KJS+88, Spr61, FL99, HMK01, Oka69, VBD05, YAJ90]. Chess [NSS58].

Chess-Playing [NSS58]. Chief [Mey03, Pea09]. China [CXZ+17]. Chinese [NBF+00, Yha75, YG81]. Chip [ABB+99, BM84, BGR82, Ber85, CW83, DKN87, DB92, How82, IBC64, JH80, Kua95, ML82, Ost84, SW98, Ver80, Woo75, AEZ84, AUD+88, ATL+88, BBD+02, BA69, BAB+13, BHD+05, BCC92, CDC96, Cla03, CU95, DWA+88, DTH92, DBB+02, DKS+95, DTK95, ESHM95, EK08, FWR+11, FDS+13, GP06a, GMS05, GWRS00]. HBB+05, HHSW96, Hei90, HAMC+04. IBP+05, KAB+05, LFR05, MYKK+17, MMR89, Mat89, Mil90, Mil00, MTB+90, Nai02, NFS+17, NCB03, OCB+90, OBB+05, SAT+08, SST+98, SP90, TMF+08, IBM13a, VWPB90, VLT+12, WAB+05, WYF+93].

chip-stacking [SAT+88]. Chip-To-Chip [JH80]. Chip/Card [BM84]. Chips [BFL66, Cle83, LHW81, SM80, BEM+92, CBB+04, CAC+95, KBK+97, PD72, Okt69, SWF+09, SHR+09, SNA02, VTM9+90].


Cholessky [GJ00]. cholesterol [MD12a]. cholesteryl [VMB71]. chopped [WSBL90]. Chromium [BBKW96, KS66].

Chromium-Iron [KS66].

chronodynamics [BVC+08]. Cil [Ghe90].

circles [Ne90]. Circuit [Ame80, BDWZ83, BDMW81, BGK+80, BFL66, BAH82, BHH+67, BHWZ63, CW85, Dan81, Esa62, FT80, Gun66a, HHSR96, HS61, Kar74, KCO08, LDL84, Man85, Rot74, Rue79, SIT67, Ser82, STCR84, SWC+97, Sta83, Sta84a, Sta85b, Sta87, Str59, Wal7, Wal7, WHD+00a, ABM88, BJM+06, BBMP92, BGL66, Cha88, CNC+95, DHK+92, DTTK95, FRS+18, FN71, GA88, JZ91, Kah71, OR92, Pai72, Pau89, RFB+03, RBW93, Rue72, Sta89a, TW69, TKV00, WKP+02, WBD+15, WBD+11, Whi93, ZFD+95].

circuitization [ABB88]. circuitry [LR05, VLW14].

Circuits [AGAP63, AFR62, BSS82, BM63, BRR79, CP63, DW58, Eic65, GT80, GKK+80, GSC80, HJ88, JH80, KL80, KW83, MW80a, MT64, Sta84b, ViI82, AHW+99, BLM+06, BGO03, CBBS90, CNS+99, CCW+02, CFP+97, DN97, DKH00, ESW+95, FMS+92, FKOP90, FMP+03, HRC+08, Hei90, HMP90, Koc59, KBC+03, KSL95, Lin76, MHC90, Mos61, NHK03, Ngu99, PZK+03, Sch96b, Siri96, Sta98b, Sta89c, TLS+06, Vor71, Wie90, WSBL90].

Circular [BB60, CS65a, Raa76, RR87, Arb86, SN98].

circulation [Fro71, Q67].

Circumferentially [BGT74]. Cities [HPW11, HMP+11, OIM+13, WP11].
Clarification [ACG+87, Swa57]. Class [Ahu80, Chio6a, Dub83, Hsi70, LM80, Rog66, TBB+09, WHK+09, Wyn64, Yu61, Bi72, BWB+82, BKS+08, FW08, Lei61, SM16, ST72, ST89, SBC+12, Sur15, VLT+12].

Classes [Cho75, MFT77, Gor63]. classical [Sho04]. classification [ACC+15, DBK82, GK64, HJW+16, NT72, PTRC16, SBD+10]. classifier [RLP14].

class [vV86a]. clauses [dTGHC92]. Clean [IM57, Jon65]. cleaning [HBC+99].

Clearance [Bau63]. Cleaved [FF86].

Clebsch [Rob67]. client [KLMV19].

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

Clock [FS88, BH95, CDM92, HAMC+04, MWW+07]. Clocking [HO75b, Okl03, Sea57]. clocks [DSS+92].

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

Closed-Cycle [Mar60a. closed-form [KRC68]. closed-loop [BSSZ76]. Closing [BCH+16]. cloth [Oht95].

Cloud [CJJ+16, GRB+16, HG14, YGR14, ABD+16, AA18, BWT+14, BCC+16, BCG+09, BCH+16, BGM+16, BMM+20, BBB+20, BB09, BBG+14, CTD+16, HBT+16, ISV16, JDBP10, KMM+16, LSZ+10, MLW+14, NRD+09, NAN+18, OEN+16, RBL+09, SHV13, SM16, SIKdL16, WML+16, Yar12].


Clustering [BF77, BM63, Bon64, O’M85, SS91, Sta86, DB01].

Clusters [Eas78, Sta84b, Sta87, MBJ+97, Sta89b, Sta89c]. Clutch [Fit57]. CMOS [ADG+95, Ano06b, Sta90, Agn02, BFG+06, BS95, BMT+90, CAC+95, CTT91, DTH92, DTTK95, DAC+03, ECD+99, ESW+95, FLe95, Fra02, FHS06, Gre97, HND+06, HZB+06, HNS+03, HRC+08, Isa00, IFB+11, KB06, KCA+95, KAC595, KSL95, LSF84, LRMT95, LCHL95, MMR89, Mat85, Now02, PZK+03, SS97, SG95, Sec95, SWC+95, SPR+95, SWC+97, SMK+99, Sta02, TDM+87, TMF+95, Tan02, WL97, WMH+97, WNV+02, YS99]. CMS [BGW91].

Coal [AKG+19, BCK13, Lye77, KKS02, SMP+04, IBM13c, Bra72b, Bru87, HO8P76].

Co-design [AKG+19, BCK13, IBM13c]. co-verification [KKS02]. Coal [St79]. Coated [CHBH85].

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

Cochlear [Ins77]. CODA [FPST14]. Code [Bea74, BMS80, Chi86, KLS66, KM20, Mar80, Mel60a, PH74, Pat85, WF83, Gla97, Gyg08, KL97, Mye72, PLS20, TAE+07].

Coded [Voi65, GYK99]. Coder [GCPVG85, PML88, SM98, MP88a, MP88b, PM88].

Codes [Ano93f, BD62, Bla79, CR76, CH84, Cro70, Fra82, Gri60, HO75b, Hsi70, HBC70, LM80, Mar61, MLT83, GCM63a, Pat70, PR59a, Rog66, SS59a, Ull65, Wyn64, Got63, How89, LKY80, Mac60, Meg60, Mel60b].

Coding [Fra70, Fra79, Fra80a, Fra89, HP63, Kob70, MD65, Pip79, RL79, Win62, BK74, Dun82, Fra80b, KT70, KB74, Lan84a, Lan84b, MP88a, Pat89, RIS76, TL8M83].

coefficient [rat68]. Coefficients [Beb62, DG84, MR72]. coercion [MKW+12]. Coercive [BB60, Pes71]. CoFe [JWSP06]. CoFe/MgO [JWSP06].

Cognition [AKW20]. Cognitive [BR17, BCS+18, KLMV19, Pic18, ABD+18, DCC+17, KAA+18, KHK+18, NAN+18, RCP+16, SN15, WSK17, MBK+15].

Coherence [CGR88, KH88, DY89, NMJ01].

Coherence [Fan64]. Coherent [But88a, GEF88, Loy79, RS69, SB62, SBJS15].

coll [BM68]. Coincidence [ZG65].

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

Collapse [How82, Gol69, Mil69, Mil00, NL69, Okt69]. collapsing [PV93]. collection [DSRC98, WC69]. Collector
Conformational [Cle81]. Conformity [ABH+19]. Conjugate [RV89, CW72].
Conjugate-gradient [RV89]. Conjunctive [(Ga57]. Connect [LCB93, GLCW93, CGLL93, Cor93, Mah93, RBWH93].
Connected [MS87, SN87, FGH+06, KMO+14]. Connection [DKR12, FGC92, GLOS92, How82, NSO098, VHS1, CdLS92, ES92, Tag09]. Connections [FHL+82, Kur57, BRB92].
Connectivity [WYTO04]. Consensus [MN70]. Considerations [AKK+67, BS84b, CT82, Coo62, Cor84, GS82b, Pat72, SK98, SY92, YS99, ZY72]. Considered [Pim76]. Consistency [Map62]. Consisting [Lan85]. Console [VWE02]. Constant [Esa62, GMT57a, GMT57b, Tit61, MRG99].
Constant-Input-Flow [Tit61]. Constant-Temperature [GMT57a, GMT57b]. Constants [Col59, CS65b]. Constitutional [AT00].
Constrained [Bud67, MLT83, CFP+07, Fra89, Fra02, Jan69, TLM83]. Constraint [Coo84, NRA+07, Wol72]. Constraints [Coo90, Lam77b, RMM03, VLKW14].
Construct [Paz75]. constructing [ADG+92b]. Construction [CW86, Fra82, KMC+11]. constructs [BS06]. Consumer [SMSC14]. Contact [CEHL78, DG93, GRS87, IM57, JWL82, RWC80, TDM+87, BNSG09, Lin76].
Contactless [VCPS0]. Contacts [Ove70, SGC+87, BS71a, BCT89, KSH+08]. Container [RBL+18]. Containers [ABD+16, BBK+16]. Containing [BBKW86, FPS66, Keh65, PF66, Bra68].
contaminant [Whi93]. contaminants [AKKJ72]. Content [IM60, MW62, MH98, SJ70, AN98, BWB+20, CNP+15, HJW+16, MAD+98].
Contents [Ano57j, Ano57w, Ano57x, Ano57y, Ano57z, Ano58g, Ano58h, Ano58i, Ano58r, Ano58s, Ano58t, Ano58u, Ano59e, Ano60f, Ano60g, Ano60h, Ano61e, Ano62d, Ano63e, Ano66g, Ano66h, Ano66i, Ano67h, Ano67i, Ano67j, Ano67k, Ano67l, Ano67m, Ano12i, Ano12j, Ano12k, Ano13d, Ano14l, Ano15i, Ano16e, Ano16g, Ano16h, Ano17d, Ano17e, Ano17f, Ano18e, Ano18f, Ano18g, Ano18h, Ano19k, Ano19l, Ano19m, Ano19n, Ano20i, Ano20g, Ano20h, Ano13c, Ano14k, Ano14m, Ano14n, Ano15i, Ano15j, Ano15k, Ano16f]. Context [TLR85, EEM15, KdAC+15, MC87, TWM+14]. context-aware [KdAC+15]. context-sensitive [MC87].
Contextual [BR17]. Contiguous [JHH+81]. Continental [SKK14]. continuation [BS71b]. continued [Agu02]. continuing [Gre97]. Continuity [Tof88, WAB+09]. Continuous [Ano06b, AAC+06, BG64, PR65, CDSW06, EGH+86, Gre59, MH95, NBF+00].
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, FL578, Fre67, Gil84, GHK67, GMT57a, GMT57b, HBB+05, HKM+86, KST58, LHW81, Len58, Log70, LMD70, May85, MS67, RR83, Rob67, San83a, SH57a, SSL73, TL70, WR63, Yas85, Yas87, ADS72, AAB+16, BEK+02, BSSZ76, BW72, BTWY92, BM68, BM96, Cal70, CAC+95, CDD+10, CH82, Cov92, FS82, IMC+10, KL97, KL94, Lew78a, NNNJ01, Oka69, Pat89, RM09, SG94a, SBB+09, SCW10, Stu70, Tho70, WGS04].
Control-Word [Bla59]. Controlled
Controller
[ZST+07, CW91, Pig88, RSNG82].
Controllers [DB82, Kis03, SLC09, Sou96].
Controlling [Car77]. Controls
[Ano67t, BCD+85, VOW+12].
Conventional [Ano66j, Bla65, Won02].
Convergence
[BJS80, Cha87, CW72, JP94, Ung72, Wol72].
Convergent [Bra72a]. Converging [Jam89].
conversation [Elg11]. conversational
[KSSC+13, SP17]. Conversion
[LSH76, RP67, SCYK78, Wal58, RFB+03].
converter [HB73]. convertor [BW81b].
Convex [AW76, Dim78, Dor60, JP94].
Convolution
[AC86, Coo82, BSRG17, Kri82].
convolutional [SP17]. convolutions
[Nus76a, NQ78]. cool [ESA02]. Cooled
[NHH91, OK82, BBMP92, BR92, DGG+92,
GGRW91, Haj91, KLM+91]. Cooling
[CHS82, CAC+05, DGG+92, GZM92,
GKMP04, SN02, SAB+02, TTM+20,
TBG+15]. cooperation [AUW+09].
Cooperative [JKB+13, KW62, Mor79].
coordinate [MN90]. coordinated [EEM15].
Coordinates [KK57, RSL+70].
Coordination [DDS+92, BMD+20]. cope
[WN92]. Copenhagen [Mer04]. copier
[BHRS72]. Copolymers [Smi77]. Copper
[ADH70, AGLM85, JC63, KWWJ84, AdH00b,
AUD+98, DKA+05, GB93, JK93, KFSZ92,
RKL88a, RKL88b, SD71, TIK+92,
VBD805, YCB05]. Coprocessor
[BCD+20, ECD+99, YS99, AV04, ABC+12].
CORAL
[Han20, IS20, MLWC20, PLS20, RMM20].
Core [Bru78, FP57, RRSW61, WULW67,
AF99, Bus71, CNSS12, KMH+98, LVT+18,
SLC09, SVE+15]. Core-Level [Bru78].
cores [ATC+15, BL98, SK98]. corporate
[CCE+20, GMX14]. Corporation [Don00].
Correct [MG63a, Wyn64]. Correctable
[How84]. Correcting [ABB+85, CR76,
CH84, Gri60, SS59a, Mac60, Meg60].
correcting/detecting [AC84]. Correction
[Bos70a, BS70, Dab63, ELMR77, GSC80,
Mel60a, PL81, Par80, SFH65, Bos70b,
Gor63, Mel60b, OCT68]. Corrections
[PS80, PW68]. Correctness [Bir74, PV93].
Correlated [Lik88]. Correlation [Lew83,
Sta87, Wat60a, Fil70, Pes71, RRM17].
Correlative [TG91]. Correspondence
[WF87]. corresponding [Swi62].
Corrosion [BFH+93, GC68]. Cortical
[UC62, LRNS17]. COSFIRE [GSAP17].
CoSi [Tu90]. Cosmic [ZS96, ORT+96,
Sri96, Tan96, ZMM+96, Zie96, Zie98].
cosmic-ray-induced [Sri96]. Cosserat
[Bog79]. Cost
[BGR82, HBC+99, SCYK78, AP69, FN95,
GBB+05b, HSS+10, Inv93, KBA07,
LRMT95, LCHL95, VMS+14, VNT16].
Cost-effective [HBC+99, KBA07].
cost-sensitive [VNT16].
Cost/Performance [BGR82]. costs
[KLHW16]. Counter [Car60, Spr63, ZG65].
countries [AKR10, SGERSR10, YGR14].
Country [HS14]. Coupled
[Cha62, CH74, CP63, Gra80, GC81, HO75b,
MT64, AF68, HCL72, JS72, NLP17, Pat73,
PKB+09, SV92, TCP+16, TGB+80, WYS92].
coupled-systems [SV92]. Coupling
[Bl63a, GE02, PSP06, Sur15, Swa98,
HRW69, Jon98, SKE+18]. Courant
[Lax67]. Courant-Friedrichs-Lewy
[Lax67]. Covalently [DK79]. Cover
[Anio11, Anio12b, Anio12d, Anio12a, Anio12c,
Anio12e, Anio12f, Anio12g, Anio12h, Anio13a,
Anio14c, Anio14d, Anio14e, Anio15a, Anio15c,
Anio15d, Anio16a, Anio16b, Anio16c, Anio17a,
Anio17b, Anio17c, Anio18a, Anio18b, Anio18c,
Anio18d, Anio19b, Anio19a, Anio19c, Anio19d,
Anio19e, Anio19f, Anio20c, Anio20a, Anio20b,
Anio13b, Anio14a, Anio14b, Anio14f, Anio14g,
Anio14h, Anio14i, Anio14j, Anio15a, Anio15e,


[ADH+07, BCD+20, ECD+99, SY92, YS99, AV04, ABC+12]. Cryptography [Cop87, Cop00b, BAB+13, Smo04, VDO14].

Crystal [Boy60, BS64, CFB64, Dv77, DC82, Fre62, Mcg92, Mee67, SW88, WTP64, APOI92, AIH+98, BH98, CJS7a, CJS7b, GI88, Hoc92, KYJU92, LL98, LCL+98, MRH89, NSOQ98, RDD+98, SST+98, SS00, TSH92, TCC89, WWA+98, Yan71].


cultural [DSZ+12]. Culture [AWK20, NBF+00]. Cumulative [Ano93c, Swa61, EKR87]. CuO [ABK89, ACM+89, BEH+89, EHK+89]. cup [ZS96]. cuprate [Kit89]. Curating [KBJ+18]. curation [RVT+13]. Curie [DK67]. curious [VPV+19]. Current [Bar69, BGS64, Bre60, BM84b, Ghe80, Gun64, JMM+96, Ken61b, KWB88, Kit89, Lan67, Mat85, MN67c, MG63b, Ove70, SS69, Smu57, SH69, CDMS89, Dha68, Duk90, EB91, GFNF6, HC69, NFI+08, Sun06, TTP20].

current-perpendicular [Sun06]. Currents [CGR88, CP86, DA77, Dui59, Lan88, MS60a, Lan57, Lan96, Lan00b]. Cursive [Tap82]. Curve [Nor58]. Curves [RR87, Sse62, YW64, AO97, ODA03]. Custom [ADH+00a, BBH88, CS99, Cor82, EFG+05, MM82, SPR+95, Ver80, ABB+99, KSL95, WL84, BM84].

Customer [BNSG09, BEH+94, ET69, JS14, KAF+13, KSSC+13, LPMG14, SMX+14, YBF+14]. Customer-focused [BNSG09].

Customization [HY84, ELG+11]. Cusum [Yas85]. Cusum-Shewhart [Yas85]. cutoff [SS66]. cutting [Her72, Sav90]. CVS [HY84].

ew [KACS95, HFD63, Kf71, Mar64]. Cynane [Lew78b, Mer78].


cycle-simulation [VMG99]. cycle-time [MDR+07]. cycles [MH01, Mat03]. Cyclic [LCH74, LM80, Mel60a, Ull65, Wny64, BBI94, Gla97, Gor63, Inv89, Inv01].

D
[DWA+08, EFR+05, EK08, KYY+08, PLS20, RG09, SAT+08, Sch67, SJMBK08, ZWW+11].
D-Chains [Sch67]. dairy [LZZ+16].
Damage [HD69, Fon99]. damascene [VBDA05, AUD+98]. DAMOCLES [LFF90], damper [LR79]. Dark [DA77].
DASD [KLRS96]. dashboards [YMR14].
Data [AC64, And65, ADST78a, AHN+03, BJS80, Ber76b, BL98, CAE+76, Cha75a, Cla03, CPCC18, CMW92, CDH64, Cro79, DSW63, DG84, DC73a, DGB78, DAUS91, DMP59, Eas75, Eas86, EKMW64, Fal70, Far83, FLCB85, Far91, GLS74, GLP76, GS74, GHK67, God74, Gri69, Hal76, HLZ+09, HF78, Hop59, Hop61, HP84b, JS81, JMLW94, Kan78, Kob70, LS76a, Lew80, LS76b, Lom77, Lum80, LN79, Low78, LSH76, Mc81, MHI98, Mul74, Mur57, NB61b, PTRC16, Sow76, SW74, Tas57, Wat58, WW75, WSJ+19, WY76, ARG00, AKRS04, ASR07, ADST78b, ATL+88, ABB+00b, BK74, BDMN14, BHH19, BCG+09, Ber76a, BGL07, Bev69, BFRT13, BKM+89, BC18, BMS+17, BL15, BBI94, BBC+08, Bro72, BSRM09, Car10, CGM+15b, CP13, CN18,CDC96, CN71, CPD+09, CPM86, CNS12, Cor69, Cra98, DF15, DBK82]. data [DBCB77, EB06, EO10, ESW+95, FGG+13, FHPR01, GZE+05, GDS14, GAB+08, Gra71, GRS13, Gus03, HvK+09, HTH+09, HRF+17, HKD06, IMC+10, Irv93, KBJ+18, KPB+12, Kan15, KCM13, KOP14, KB74, KBF+04, Kon69, KSSC+13, KDG15, KTD20, KSA+04, Kri82, KAC95, KRS+17, MTF+95, MYKK+17, MA96, McN94, MCG+15, Mel60b, MAD+98, MI10, NMV+09, NMTP14, OTC14, OOL+12, PMS+17, PK03, PR71, PMW06, Rei69, SG71, SCI05, SI09, SG94a, SBB+09, SNA02, SLJ+15, StO91, SMX+14, TB00, TGO91, TJH03, VPV+19, VMA18, VRA+09, Wic76, Yas07, YMR14, YR91, CDL+14, Cop94, GGH+13, HAG+13, HCG+13, JSS13, Mat13, 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 [Ess78, FL78, Fag77, LDSY91, TPF+91, ZDB+18, vv86a].
datamap [KDT18].
Dataflow [PMS+17]. datasets [GDB16, SHCV19]. DataStores [RCFN+08].
Daivenko [Bre72].
Daivenko-Branin [Bre72]. day [DSS+92].
Days [Gol87, Snc04]. Db2 [CHJ+18].
DC [Ho75a, Sak79, WF83]. DC-Balanced [WF83]. DCS [Wei91]. DDR3 [VL+12].
deadline [CSW73]. Deadlock [Ahu79, Ahr80, ABF+10].
deboing [RKL88a].
debt [Mar12]. Debugging [DFF+15].
Decay [DB79, SG71].
Decomposition [KT73].

decision [KT73].
decision-maker [MD12a].
decision-making [PW17, RDL19].
decision-support [JWW+11].
decisions [GMX14, ZBG+10].
declarations [ABH+19].
declaration [NMTP14].
Decodable [LM80, LKY80]. Decoder [Pat86, Sav70, Smu57, Bla84a, Bla84b, Nob95b].
decoders [LL99].
Decoding [Jel69, Mer88, Moo60, Ull65, Kob71].
Decomposing [BZ06a, CFS+19].
Decomposition [BRA84, DC73a, DCB77, PL79, PAH+18, HT69, KPB+12].
decompression [KHM+98]. decoupling [HOP92].
DED [Hsi70]. deduction
[AC92]. Deductive [Wat60b]. deemed
[ASL+19]. Deep
[BBD+17, CK17a, CNP+17, DB20, EGN+19,
KSA+04, MMB12, SH69, AKG+19, AC92,
ARS+17, BHW+17, BSRG17, CFS+19,
CFP20, GKT17, NG17, Lin76].
depart [CFC80]. Deficiency [WSE76].
Deflection [ELMR77, FBW77, Zwe65].
Defect [HT16]. Deficiencies [SK69].
defined
[ABB+14, AAS+14, AH+14, BBG+14,
DOJ+14, EM65, FHL+14, KRD+14,
KFW+14, LBC+14, MSV+14, SMC+14].
Defining [WSE+16]. Definition
[CAE+19, Lom90b]. Definitions [CT65].
DEFLATE [KMA+19, SKS+20].
Deflection [ELMR77, FBW77, Zwe65].
Defect [KHKM+14, Rab69].
Deformation [GLCW93, WS72].
Degradation [HW78, Lud00]. Degree
[Hau+67, MM94]. Delamination
[AGL+35, Klo87]. Delay [BDMW81, Cal81,
Fra80a, Fra82, BH95, BMT+90, CH06, FN95,
KSK98, MTB+90, NLP17]. delay-cost
[FN95]. delay-test [MTB+90]. Delayed
[BSSZ76]. delivered [HSS+10]. Delivering
[ODL+09, OEN+16, CCE+20, VSS+09].
delivery [BNN+09, JQB+09, KJS09,
LRV+09, Tag09, VMS+14, Yar12].
Delocalized [ISH+88]. DELPHI
[FRPG01]. delta [LKY80, HF91].
delta-decodable [LKY80].
Demagnetization [Kum65]. Demand
[ABG+09, BT84, Fro84, LMT84, Elg11,
WAC+16]. Demodulation [Hop59].
demonstrator [GP60a]. demultiplexer
[AF99, RT99]. Dendritic
[PCDW78, TMW+17]. Dense
[GSC80, AGZ94c, FKK+03, Gus97].
densities [ABB+08]. Density
[BDWZ83, BKM80b, BCRW82, CDS+86,
Erd88, Gra80, Haoa61, LH81, Ove70, PH74,
Pat85, Sch85, Sko58, Sta85b, CCJH81,
Hoa00, KTD20, MT+95, Nai02, Ngu99,
PSA+08, Pat73, PK88]. Department
[Gol87, WH94, Oka09]. Dependability
[ST89]. Dependence
[Bru76, CH74, Dou62, Hum59, ODR70,
Swe62, Tin62, Whi91, Sar91a, V+89].
dependencies [Fag77]. Dependent
[Fra79, AKKJ72, Fro71, Me60b, Nes98].
depletion [LBT99]. deployment
[CDG+10]. Depolarization [KH75].
deposit [Jon72]. Deposited
[Ahu66, KEJ87, O’H78, PDM80, SJ70,
AF68, Gri99, OSP+98]. Deposition
[Ham78, KS79, KWW+84, Bea90, CNC+95,
CNS+99, Fon99, GMP90, JLR90, Mey90,
Mey00a, Ngu99, OHWR88, Ros99, SLYR72,
YA90]. depth [CBV08, SS86]. depth-first
[SS86]. Derivation [Mar64a, SS76].
Derivatives [Ins76]. Derived
[AR+64, ESS+20, LS3]. dermoscopy
[CNP+17]. descent [Lan66]. Describing
[Her66, NB61a, NB61b, Can73].
Description [LST80, MO84, OHM+85].
Design
[AKK+67, ABCR65, Abb66, Aic84, AAC+05,
ABPS66, AF99, Ano20e, BM84, BBSW97,
Bea90, BHP83, FBL66, BAH82, Bos97, Bro78,
CD78, CT82, CDS+86, CMR64, CA84,
CGG+64, CCG+81, CBB+05, CP63, Cor82,
Cor84, CDS73, CDS00, Dan81, Dav82, Dha68,
EBH+16, EMM+18, Eic18, ESA02, EGH+96,
FHVZ80, FLCB85, FN71, FGM+83,
FHL+82, FPB+11, Ghe80, GAOD71, GH96,
GR92, GHK67, GL80, GHKO57, GS82b,
HNS+03, HPWW81, Has66, HP66, HD73,
HY84, Hea76, HO96, JSR+18, Jur78, KS90,
KMO64, KC66a, KKT+95, KMA+20, Kos15,
Kue60, LV67, LL93, Lip92b, LST80, Mac60,
MDG+06, MO84, MFT77, ML82, MDR+07,
MM82, MHI98, MAD+98, Mon82a, MHR90, Mul74, MT64, Ni95, Osw74, Pad83, Pat72, PK03, Poh86, PSS67, RK72, RR83, RGL75, RWM+05, RP66. **Design**

[S98, SRJ+20, SGS+96, ST75, Sch81, SHR+09, Sch80, SST67, SG95, SBB+03, SCC+97, SON+91, SBDT+09, SK98, SV91, Sta90, SCG+13, TK64, Tay84, IBM13a, Tro80, TFL+98, VMM+94, VCM+20, Ver80, VLB+09, WW75, Wil85, WCB+86, WWK+87, Yas85, ZL87, AGZ94a, ADH+00a, AEZ84, AFM+02, AKG+19, AKRS04, AHJ+57, BLM+92, BDN+02, BTP+90, BPS+96, BBD+02, BJ+06, Ber76a, BAB+07, BBWA+18, BWB+20, BH11, BCK+05, BBRP92, BKRF02, BCK13, BBC+08, BHD+05, BMT+90, Cha88, CTS+92, CBC+18, CAD+09, Cor93, CW91, CCW+02, DBB+02, DKRS07, DHK+92, DeM91, Dec90, DGG+92, DEH+12, Dus71, F173, FAFRL91, FRS+18, GGKK96, GM69, GPL+92, HDW+07, Heu68, HCG+13, HBB99, JAC+19, KL63, KLRS96, KBM+99, KBK+97, KCCW08, Kum92, LR79, Man90, Mar12, MMR89, Mat98, NCB03, ODA03, PBC+06, PBK96, RMM20]. **design**

[SNP06, Sec95, SPR+95, SWC+97, SY92, TSH92, Tau02, IBM13c, TBB+09, TBB+15, TFL82, TR77, WKP+02, WBW+15, Web00, WPL+12, Wei91, WBD+11, Wie76, WG19, WHK+09, WVF+03, WBS+18, WYS92, YS99, ZY72, ZBBB17, ZTC+13, ZFD+15, RWW07]. **designed** [NA+18, WW71]. **Designer** [Wil97]. **Designer-level** [Wil97]. **designers** [DRSM15]. **Designing** [EEM15, SMSC14, SN15, VSS+09, GB71]. **Designs** [ADS72, BBHS84, KLI+81, Mon82a, CT06, GBRJ05, Kum98, SRCW97, SRH+18, WET+10]. **Desk** [To74]. **Desk-Top** [To74]. **Desktop** [BBGE+14]. **Destructive** [ABPS66]. **detected** [To74]. **detecting** [BIO+14]. **Detection** [ABF+10, BH82, Dam66, Dav80, Eic65, FF73, LT70, Mon86, PSH80, PM72, VMAB18, ZG65, CJH+15, DF15, EÖH10, He90, KCLM13, OCT68, PL20, SBG+13, SKSP06, SXW+13, VNT16]. **Determination** [AO01, BBD66, BBT79, EWS+13, FXL01, GSVE83, HS81b, MN67a, MWN03, PC64, Sch84, Seg62, vS57, GFS71]. **Determine** [Spr61]. **Determining** [Ahn80, AW76, BBT60, Gec74, MD65, MS67, SH57b, SH57c]. **Dev** [Ano93c]. **Develop** [ACG+87, Ber76a, DCHB77, Lan96, Sta75, Wie76]. **Developer** [RKL88a]. **Developer-induced** [RKL88a]. **Developers** [KM20]. **Developing** [LGF+03, AKNR10, HMK01, VSS+09, YGR14]. **Development** [Ano06c, AEE77, BSS82, Bal05, BDS+97, CCM+77, CC76b, DWGC85, Des02, Des04, Fit57, FL67, GP06a, GRSS77, GW57a, GW57b, KAB+05, No58, PPS82, PERW02, PHCR81, SPP72, Tro80, Tu75, ATW06, ABL+84, ABRA71, AAH+06, AHN+07, BKN10, Bro85, DYK10, EMM+18, FPST14, GON+06, GMR10, GHL+04, GAOD71, Ito97, Ito00, LCHL95, LMW+01, LSS+20, MBB+20, PBC+06, RBB+02, RH90, SMT1, WTT+14, Wil93, PS09]. **Developments** [Con60, May81, OOS1, CBH+05, Lax67, VWPB90]. **Deviations** [JD66]. **deviations** [Swi61]. **Device** [Ano06b, AGAP63, BGK+80, CLP+13b, Dun57b, DNM+59, Esa62, GHP+85, Hoh78, HWC88, JKB+13, KMCG82, KGCS85, LB85, LCH74, PSS67, RGL75, RWC80, RHM63, SB64, Tro80, AAC+06, BKS+08, Bus71, C84, FP73, HBB99, HHC+18, LHI69, MHW95, RH90, Sch91, TS69, TGB+80, Vin81]. **device-independent** [CS84]. **Devices** [Ano06b, BT84, BCBS81, CH74, DO74, FC79, Gae97, Han57, Her65, Hor62, Hot78, JH9+18, KH85, KN81, LF64, ON60, OK82, Phi78, Yu61, BCBS00, CLP+13a, HN+06, HMK+90, HCL72, HST06, KKT09, LFF90,
LLF+92, OYHSB14, Pat73, RRB+01, SAK70, Wie90, WYS92, ZG71. DevOps
[MWX+17], dextrous [NS92]. DFT
[ACM01, RS85]. DFT-based [ACM01].
DFU [EWT+07]. Diagnosis [Bar83, EL83, FE75, Pet77, Rot66a, SLG78, Sta90].
Diagnosis-Oriented [FE75]. Diagnostic [CW83, Sch67, TS82, Osb93].
diagnostics [GBB+05a, PHCM05, SMK+99]. diagonal [CAW+98, KFYU92].
Diagram [MJJ69, MS87, SN87]. Diagrams [CA84].
Dialogue [Hei76]. Dialogues [LG78].
Diameter [Rio60]. diameters [HS60].
Diamond [Ros78, TK64].
Diamond-Composite [Ros78].
Diamondlike [GMP90, Gri99].
Diarhrea [TDH+17]. Diodio [CH82, HMM82].
diadysosism [SN98]. Dictionary
[Mer88, Tar63, KCML13]. Dielectric
[Buc99a, CS65b, MVK85, OPR+78, O'H78, OGU99, SAK70, UL70, ABC+99a, Buc99b, CNS+99, Gre68, GNF06, LV94, 
Difference [Ano67a, Ano67u, AG72, CFL67, GMT2, Lax67, Wid67]. Different
[Cho75, MFT77, CXZ+17]. Differential
[Bay69, EB91, ETT0, Her66, Le 62, PB69, 
AGJA06, Dan66, FW67, Ger73, HBT73, 
KMK68, KOG90, LOT2, Mos61, pai69].
difficulties [Kit89]. Diffraction
[BF63, GSV83, Jon65, Jon70, Las63, 
MMJ69, HBB+89, Seg68]. Diffused
[KMO64, KM68]. Diffusion
[BL62, BS77, DJ70, Fis88, HKV+11, JD66, 
Ken61a, KO65a, KM66, LD74, MM75a, 
MLSS84, RK74, Sva59, SS59b, Zaur57, v557, 
Can73, CG71, OSP+98, SR71, SHC+72].
Digit [Meg63, Meg63a]. Digit-by-Digit
[Meg63b, Meg63a]. Digital
[AC64, AP82, ARV64, BH95, BJS80, Ben59, 
Ber76b, BBD+98, Coo82, DMP59, EHHP67, 
Frel77, GT87, HB73, HP84b, Hor62, Hor76, 
KLS66, KHKM64, KLE71, LL83, MG62, 
MBF+13, Mon82b, Nus66b, Par66, San83b, 
UMK+85, VSF65, Voi65, WSW83, Wa58, 
We61, van77, AFFS89, AHJ+57, CFW82, 
CLJ+10, CN71, CNH73, CLH+16, DH69, 
Gri69, Hip70, KOB71, KdAC+15, KBC+03, 
Mar98, MZH+03, NIM+07, OCT68, Peh69, 
SPR+95, Tu120, TR77, Ung72, GH96].
Digital-Indexed [KHKM64].
Digital-to-analog [HB73]. Dijkstra
[FvGM90]. dilemma [HHH04]. Dilute
[CJT62, HB74, Jon60, Sou64].
Dimension [MM94, ODA03, THI88].
Dimension-independent [MM94].
Dimensional
[AW76, Bl79a, Bog79, BRR79, CW85, 
CHS82, ErD88, Far83, FF73, Gau77a, 
GHP+85, Gro76, KO69b, KO70, KW83, 
LC80, OHM+85, Pim76, Thu60, Wym57, 
Zwe65, ABG+95, BMP91, BS91, Gam72, 
Her72, KM68, KAD+08, Mar71, MN30, 
MS89, Nef90, Sto91, TSL+06, Tu90, YR91].
Dimensionality [Azb88]. Dimensions
[CRG88, AO01, Sho04, Yet89]. Diode
[AO60, AFR62, CPZ63, Esa62, IBC64, 
MT64, Rut59, AA71, Mos61, Spr71].
Dioises [BLB+63, HA58, LDD63, Mar60b, 
MWN63, NM62, Pea69, Rut64, Wei65, 
CA01, HC69, HP01]. Dioxide
[BBKW86, Moh70, SBdF64, CKG+99, 
PW68, WNV+02]. Dipoles [SC88].
Direct
[AR87, BA62, ELMR77, FC79, Fre67, 
Hum59, KWT+11, KP63, MHS62, Sit71, 
Wal58, We61, BSRM09, CASP91, LBT99, 
Rai69, RB+03]. direct-conversion
[RFB+03]. Direct-Reading [Wal58].
directCell [PBK+09]. Directed
[Low78, Hei94, HW72]. Direction
[Kum65, RRR3, Wd67]. Directional
[Bl6a, CSY79, GRT74]. Directionality
[BLB+63, LDD63]. Directions
[Hor00, AR98, BYY98, MDB+02, SP90].
Director [GOS92, RKMY02, Ros03].
Directory [BCCK92]. disabilities
Disaster [Ano20d, PWW13, Tal20, AAF+09, AEG+20, BGS13, BKW20, CCE+20, DB20, GBJ+08, MNWH20, PL20, RVT+13, SPB+17, SS20].

disaster-recovery [BGS13].

disasters [KM20, TPTH20].

discharge [LS78, Pen79, RP78, SS78, BCCK92, SBG+71].

discharges [KM70, KM00].

discontinuities [PM72].

discontinuity [Che64].

discontinuous [MM75b].

discounts [SMSC14].

discoveries [PMS+08].

discovery [BGS13].

discovery [LS78, Pen79, RP78, SS78, BCCK92, SBG+71].

discrete [Fra82, Lik88, MT77, BGK62, Gre59, NQ78].

discrimination [Bla88, FXL01].

discussions [RK15].

diseases [FE75, CXZ+17].

disjoint [Ga57, Rai69].

disk [Ada82, BT78, BFT79, BBT85, CM74, Coo90, DB82, Haa76, Haa61, How84, JHH+81, Len74, MR79, Mul74, MT81, ND57, Osw74, SW74, Adi87, AFF96, BCT89, BE03, Dec90, FMPS93, HDBR08, HBP+81, Haa00, HAA93, 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, HHP+89].

disorder [Pen88, Was88].

disorders [Ins77].

disparate [BL15, SSY12].

dispatch [ET69].

discharging [And73].

dispersion [Hua79].

dispersive [Che64, Sko58, ESS+20].

dispersions [CMR72].

display [AST8, 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, SSS, APOI92, AIH+98, KFYU92, LL98, RDD+98, SST+98, TSH92, TCCH98, WR00, WWA+98].

disposal [Fre72].

disposition [BKP82].

dissimilar [BBT60].

dissipation [KL70a, Las61].

dissolution [Ito01, TO77, Dat93].

distance [PAR86, Mar61, Pat70, Mac60, Ne90].

distances [HW72].

distillation [Bil70, Bil72].

distortion [ELMR77, Fal70, SFH65].

distributed [BHW+17, CMW92, MW82, RC17, ABE+02, AGZ94b, CN94, DP13, HG14, KCML13, MDJ08, MN97, NG17, VRA+99].

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 [Sah63].

divalent [SS61].

diverging [PH81].

diversified [Kuh88].

diversity [BM96].

divider [KP59].

division [CM80, HPS4b, Meg62, Th65, Age04, Age05, Age08, Che06, Che08, NRD+09, Ros03].

divisors [Er95].

dna [Cle81, Pic87].

dns [JW71].

do [ESS+20, Rus04].

document [Cha87, CMP87, CL74, KCML13, Mar98, YAH+96, ZY72, WCW82].

documenting [Wri83].

domains [FKG12].

dod [SBT87].

domain [BB60, CAM57, DKAC67, Fre79, GS70, Gor65, Gun66a, Gun66b, Gun69, Hut74, MMT60, Mid65, Mid66, PW67, Sch75, Slo66, Spe69, Aas70, BK76, CCG73, JCO0, Pce71, Wtl6, van89].

domain-wall [Slo66].

donors [MS87, MSW69, SN87].

donor [Kau81].

donors [FPS66, PF66].

dopants [AST8].

doped [BA62, CL74, SH69, WB70,
Doping
[ADH70, Sou64, AdH00b]. dot [ZH89].

Double [MM75a, Mel60a, Mid65, SB64, WS6, LKFU05].

Double-Boron-Implanted [WS75].

Doublers [RP66]. Doubling [Mar59].

down [Man90, Now02]. Drain [GS80].

DRAM [ADC+95, BDN+02, Del08, EBD+95, FKOP90, FCE+15, IBP+05, IFB+11, KBS+99, MDB+02, SHDK95].

drawer [BH] [C15, CAC+13]. Drift
[vS57, MX+17]. Drilling [Wre83]. Drive
[CDS+86, Hel79, Kun65, PRTY65, AFF96, BE03, En81, FMPS93, Led71, Ono93, SPR+95]. Driven
[Hor62, Lin84, Mou86, Pre66, BW72, BGW91, GKB+19, KR5+17, MDJVO8, Pon17, SLC+97, TSH92, TWM+14, TPTH20].

driver
[ADH+00a, DTTK95, MVI+07, NSO98].

Drives [BBT85, ILH03, Sch96a]. Driving
[DYYK10, KSK98]. Drop
[BT84, FBW77, Fro84, Lee74, LMT84, Pim76, SB78, Twa77]. Drop-On-Demand
[BT84, Fro84, LMT84]. Droplet
[PL77, KRC68, TZZ+11]. Drug
[Cor18, MIL+18, CRA18, Koe18, PMS+08, PK18, SNP06, SLZL18]. drum [LC83]. Dry
[AGLM85, Hs99, OR92]. DS8880
[CHI+18]. DTP [GZM92]. Dual [GZM92].

Dual-tapered-piston [GZM92]. Duality
[Dor60, Joh87]. Due [ASV76, Lan88, BS71, Lan57, Lan96, Lan00b].

During
[CCW77, Dav77, Gil79, KJWI98, MIJ70, PR65, Zab79, BTC90, DR93, GKB60, SMV90, TZZ+11]. DUV
[ATW97, HMM97]. Dy [YTF+11].

Dy-doped [YTF+11]. Dye
[SCHL66, SL66, SL67]. Dyes
[LeW78b, Mer78, SLHM67]. Dynamic
[ALL77, BW72, CHY92, DS70, ELZ79, Gha5a, HMM66, LST80, McA83, MW+14, MN97, PHE6, Rei66, SWD94, SM63, Tro80, WT77, Woo75, el 69, BGM+06, BGL07, BL15, GLO59, LAR80, MDb+02, MW+07, MS07, OD17]. Dynamical
[Kra81, Lan85, CHG04]. Dynamics
[BBT85, Dah67, Fro84, HA71, MW62, AHK+18, ACM01, ABM+01, BK76, BCT89, BMP01, BBK+08, Bru76, ESM16, EFG+05, FMPS93, Gyg08, KHZ+08, Lss61, LR79, MN03, PZZL91, SPP+05, TWRW89, TZZ+11, WNPB91, ZEH+08, ZHP+18].

E-Beam [Gil84, PW78]. e-commerce
[HRZ14]. E. [LFR05, VLLK14]. EagleEye
[ZGB+10]. Early
[ABB+13, BBH+98, DBB+02, GZT+05, GOL87, Mou86, Spi93, WSI+19, BBS+03, EFR+05, ITS+15, Snu04, SPP+05].

early-stage [BBS+03]. Earth
[WA79, Ber76, KW76]. earthquake
[NCM+01]. easier [MBF+13, PBBL07].

easy [SBF+97]. Ebola [BMF+16]. EC12
[CAC+13]. echo [CN71]. Echoes [Hor57].

ECL [DMR+81]. ecology [PW72].

Economic [Agi74, E174, KRS+17].

ecospace [LHS+17]. ecosystem
[DKR12, GW18]. Eddy [Due59]. Edge
[BB60, LMD70, WB70]. Editor
[And60, Ano05b, BC60, BBT60, BB60, BD62, Bre62, BA62, BLB+63, BNE3, Car60, COC61, Con60, Cow87, CK63, Dam66, Die62, Dod63, Dum63, FMP61, FK62, FC63, Has62, IM60, Ken61a, Key61b, KW62, KKK61, KP63, Kru84, Ku63, Ku60, LDD63, Le 62, Lei62, MW62, MV62, Mar60b, Mat62b, MS60a, MP61, Mel60a, MWN63, MHS62, MG63b, NM62, ON60, Pal61, Par60, PK61, Rad62, Sch67, Seg62, Smi60, SB62, SS61, Tid62, Tit63, WKW60, Yu61, Ano11b, SPS+06]. eDRAM [MS05].

Edsger [FvGM90]. Educational
[BNS15, NNF15, CR15, VRA+09]. EEG
[Boh73, MYKK+17]. EEPROM [Nii95].

Effect [AS78, Azi88, BTW62, BJMO80, CFH64, DS70, DH57, FLW78, FFH64, Gun66a, JG64, KO69b, KO70, Ker64, Kus70,
MW62, MFPJ71, MU77, Mat62b, Nai02, P580, Phi78, Pri57a, Pri58a, T575, TH64, Twa77, WWMS79, Wol70, ZZ69, CDS73, CDS00, KM73, Lan60, Lj92, Tan08, vK62.

**Effective** [CDG+10, DYK10, KO65b, SBR64, DFNN17, GMX14, Gup97, HBC+99, KBA07].

**Effectiveness** [RP70, TBH+17, BM96, MDH+12, SXYP12].

**Effects** [AOR62, BB60, BBF+05, BLB+63, Cle81, Col62, CC76a, Cre58, CGHK77, DS77, FK60, Gae79, GM62, GS70, HM89, KSW74, LDDB63, Leh64, MG68, Gae79, GM62, GS70, HM89, KSW74, LDDB63, Leh64, MG68, MNP+69, Mei62, Mid70b, Par80, PL73, PFS+70, RK66, Rec59, SM62, Sta58b, Swa57, TH64, Vui64, YS64, ALH95, GC68, Gou89, GSA93, GDR70, LBT99, Lu00, MRH89, MNS69, MMJ90, NBF+16, NBF+00, RBK+08, SNM69, TMF+08].

**Efficiencies** [HRF+17, Jam89].

**Efficiency** [An05c, DSRC98, DMN+59, Mar59, RP66, SJK70, BR09b, GKT17, HvKI+09, KDG15, KDT18, MMM+05, MI10, MS89, WYF+03].

**Efficient** [AAB+14, GRS13, HL72, Jr78, KR87, Lu07, FY64, YS64, ALH95, GC68, Gou89, GSA93, GDR70, LBT99, Lu00, MRH89, MNS69, MMJ90, NBF+16, NBF+00, RBK+08, SNM69, TMF+08].

**Effort** [DBC+06].

**eFUSE** [RFC+07].

**eHealth** [AAJ14].

**Eigenfunctions** [HM89].

**Eigenproblem** [Dub72].

**Electromagnetic** [Dum63, Bus71, Dav69, Pau89, PL73, Rub90].

**Electromechanics** [NNN+06].

**Electromigration** [ADH70, HRS+95, SC88, Ver88, AdH00b, SD71].

**Electron** [Azb88, BGK+82, BRO88, CSE66, CW78, Col62, DO74, DMWW77, Dav80, DEG+01, ELMR77, GSVE83, GOJN77, GWR90, GHP+93, HG83, HWC88, Hor62, Jon65, Jon70, Kra81, KP59, Kue60, KM74, KP80, Lin67, MTH71, MW80a, MJJ69, MPS77, MNP+69, MP67, NM62, Par80, PSS0, R69, RS69, SSN62, SG64, WPH69, YDHS87, AI00, ALH95, CHL+11, DG93, FKOP90, FA70, HF90, KBF+92, Lu00, MAG+01, MHK+11, PGN88, Ros00, SKB+11, Tro00a, TT98, VWJ11, WSBL90].

**Electron-Beam** [Bro88, DMWW77, Dav80, ELMR77, HWC88, Hor62, KP59, KP80, MW80a, MPS77, PS80, BGK+82, GWR90, FKOP90, MAG+01, PGN88].

**Electron-Hole** [RS69].

**Electron-Transparent** [DO74].
electron-yield [CHL+11].
Electronegativity [Mic78]. Electronic [BW81a, BHH+15, FNRF89, FWW88, Fre70, HJS98, KJB6, Key61a, Kog57, Kog58b, Kog58a, Kog59, KT84, Lan86, Lud78, Rey69, SF81, Sie70, SC88, SBC+12, WR00, AN98, Kii89, PBC+04, PK88, RR69, SJBK88, TB8+09]. Electronics [Key88, Key00, MCK01, SS01, ZCM+96].
Electrons [Hon70, Lik88, Pri59, Pri65, Pri70].
Electrophotographic [BS84a, Bau84, Bro78, CEY84, EHMW81, SSL73, VWW87, SBG+71, Sta97].
Electrophotography [LAG+84, TB82, Tu75, Sch71].
Electroplated [Ros78, Smi60, AR98, CBH+05].
Electroplating [AUD+98, HHA93, Hor98].
Electropositive [KJSG+88].
Electrostatic [AEE77, FBW77, Fit57, Sch62a, Twa77, KWN01]. Element [BRR79, BCGS81, DW58, GLS67, SSW65, Zab79, AEH+04, BSHM01, BCGS00, Cor93, JL90, KL97, KN91b, VWE02, You90].
Elementary [ACG+86, Coo62, CLW79, Erd59, ACG+87, Mar90]. Elements [DMN+59, Hoh78, RP67, SSLP64, HMOS81, HMO81, Okl03, van89]. eliminate [MVI+07]. Elimination [Gab70].
Ellipsoidal [NGMW57]. ellipsoids [Bar82].
ellipsometer [HD73]. Elliptic [Par67, Wid67]. Embedded [BDN+02, IBP+05, AKG+19, CT06, FCE+15, Hu90, IFB+11, VTMB+90]. Embedding [HJ94, Irv01, AKB+17]. embeddings [BHW+17]. Embodied [BS84a]. embrace [DDDKW12].
Emergencies [ESS+20]. emergency [SLK+16, VAB+13].
Emerging [HST06, LPA+15, Tro00b, SGESR10]. emerging-market [SGESR10]. Emission [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 [Phi78, SGC+87, GOVC71]. Emitting [BLB+63, Dum63, LDDDB63, MWN63, CA01, FPS66, HP01, RRB+01]. Empirical [SS87b]. Empirically [LS73]. Emerging [HA58, GB93]. Empptive [And73]. Empty [Ort84]. 
emulation [Mey81, RT99]. enable [HMP+11, JGD+08]. enabled [BBD+98, DDDDKW12, Vay12]. enablement [MLWC20, SS1+18]. enabler [CDS+19]. enablers [vKCD+10]. Enabling [HJ94, Irv01, AKB+17]. Energies [DKAC67, DHM75, Dou62, Fla81, Goo62, Hua79, Jon65, Jon70, Jur78, KL70a, KDG15, LS64, MJJ69, McC64, Mei62, NGMW57, RP66, SCYK78, Th92, vHv+89, ABB+12b, Bar6, BSRM09, BR99b, CNL+19, CHL+11, Cop00a, EHL5W01, FNRF89, FWR+11, FRS+18, HvKI+09, HZB+06, KLHW16, KAF+16, KDT18, KTD20, MHK+11, NCB03, RES+15, RMM03, SKB+11, SD71, SFH+16, Tro00a, ZCK71, ZFD+15].
[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, KHW16, KOW08, Meg60, Mel60b, ORT+96, RBK+08, Tan96]. ES/9000
[Att92]. ESA [SV92]. 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, FCS+04, GWS+04, GKM04, GE02, HPW+02, HBL+02, KKS02, KKM02, PBC+04, PVAK02, SCS+02, SGK04, SNA02, SAB+02, SPM04, SvBC+04, SBC+02, VWE02, AV04].
ESPER [Ono93]. ESPER-2 [Ono93]. ESS
[IS20]. essential [KKT09, KKS02]. EST
[DB01]. estimating [SJW+16]. esters
[VBM71]. Estimate [Gam72]. estimates
[Hei80]. Estimating
[WYF+03, AP69, Mat03, Sit87].
Estimation [Bar80, Lin67, Mil83, Wel61, DB01, GYG99, Gog94, PRTC16, PM88].
estimations [Sta89a]. estimators [Sta73].
estuary [KCH+09]. ETA [HD73]. etch
[PM72]. Etching [Chu82, CK79, vAR82, AHW+99, Fon99, Hsi99, Kole98, Kuo92, MSG72, OR92, ODK+99, RKL88b]. Ethane
[Win78]. Ethernet [HTH+09, OBB+05].
etical [BBMR19, NBM+19, RDL19].
Ethics [Ano19h, Sim19]. Ethylene
[Blu79a, Den78]. EUDOC [PMS+08]. EuO
[ODR70, PFS+70]. Europe [Ano89].
European [RWP16]. Europium
[Dim70, Kas70, MVB62, Von70]. EuS
[PFS+70]. EuSe [PFS+70]. EuTe [PFS+70].
evaluate [CM19]. Evaluating [CXZ+17, EHLSW01, HSL14, TOKN18, vv86a].
Evaluation [AC64, Far87, HHR99, KGF77, Sch81, TCC98, AC84, BMF+16, BDS+97, BMT+90, CGH+17, Dor62, HL72, KMC+11, MPP+15, MME+97, Ris72, ST89, WG19, ZCK71]. Evaporable [OPR+78].
Evaporable-Gas-Dielectric [OPR+78]. Evaporated [BBG60, PW78, PB60].
evaporation [TZZ+11]. Evaporators
[Cas60]. Event
[BFG+99, GRH+08, Sel07, Tan08, WLH+17]. event-log [WLH+17]. Events
[AGH+16, LS76b, TFC+13]. Everest
[NNMJ01]. every [WA15]. evidence
[MFL+12, SVNH13]. evidence-based
[SVNH13]. Evoked [UC62]. Evolution
[CMR+90, DAaDNS98, GAB+08, HLS81, IK00, Jam81, JS81, KWJ84, SF81, SCM+82, TJK03, ADG+95, ALS81, BCK+05, CS03, CM90, CM00, Gre97, Nai02, ODA03, RGPP95, Ste81]. Evolutionary
[DBNK+17, CFP20]. Exact [Mic72, TAK87].
Examine [Sch67]. Example [Sch67].
Examples [OH74, IBM13c]. exascale
[LSS+20, NAB+15]. excellence
[BUT+14, DRB+20]. Exception [GLS74].
excessive [Hof60]. exceptions [LS73].
Exchange [AAJ14, HP84b, Kas70, KW62, Far98, Jon98, Whi72]. Excimener [JWL82].
Excitation [LM85, Pre66, SL67, Les71].
xicated
[GCPVG85, Mor79, ARM+01, HDK+11].
Exclusion [BCH84]. Exclusive [FTY83].
Exclusive-OR [FTY83]. executables
[Hei94]. Execution
[BBB+20, CJ91, FHS84, Tay79, WFS78, APRS16, AEGP67, Gsc99, HM90, HHH86, MHR90, OWG+13, SSW91, SZ91].
Executives [NNF15]. exemplified [Pig88].
Exhaustive [TC84]. Existence
[Bil72, LKY80, Ode64]. Exit [Fis88, Mas97].
expanded [FXL01]. Expanding [BL62].
Expansion [AFTP+01, SAPTO1, TRF+11, BAB+13, HSL+05, Jan69, Lew73].
expediting [ST17]. Experience
[BCC+01, Ris84, JS14, LSS+20]. experiences
[ABB+13, WSI+19].
Experiment [BTW62, Bax88, Bla88, Dam66, DKL84, SB87, ADG+92b, Nic92].
Experimental [BBT79, BFT79, BT84, BBT85, CSW73, CLOR87, CD85, CK63, DLW86, FGM+83, Hop59, Hor62, Mar71, Men62, Ris84, RS59b, SHWK+90, SLHM67, TSNF88, WRLA57, ZCK71, BF69, Kel73, LD72, Rei69, Sma04, ACF+80, BHHO59].

Experimenting [EO13]. Experiments [ALL77, Ben59, Hat72, KT66, LR65b, ST75, Sch81, Gra71, JN82, Kel97, SG71, ZCM96].

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

expertise [CC+20]. Explaining [ChGT92]. Explanations [GH69]. explicit [VRL10].

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

Exploiting [AGZ94a, FNY+10, LDSY91, Tom67, Wec79].

exploration [Kan15].

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

exponential [Moo72].

Exponentials [Che72]. exposed [LG88].

Exposure [Ahn80, BT67, ELRM77, HHSW01].

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

Extended [CDG83, Gum83, Ort84, Pad83, LT95, SMS80].

Extending [MG63a, HMK01]. extensible [BDH+19].

Extension [Koc59, Loo67, Cal70, Lam77a, Pri66, TS69].

extensions [CPT+08, Cra98, Wal05].

External [AA18]. Extracting [ZW17].

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

Extrapolation [Gaz78]. eXtreme [BBE+13].

Extremely [RVS88, MFPJ71].

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

F [LFR05, VLKW14].

e.t [HD73].

Fabric [MBT19, IJV19, BH19].

Fabricated [BBC+64, OH78]. fabricating [SLYR72].

Fabrication [Ame80, ATW+08, BHV85, BMWL80, BCRW82, GKK+80, Hat88, HWC88, Hsi99, MHI98, Mid70a, PW78, RHM63, Spr71, CAS+91, Dha68, FCH70, KFSZ92, KRT98, KOT99, LCHL95, MTH71, Mar71, MAD+98, RK72, TW69, TFL+98, ZCK71].

Fabry [Fan64].

Facilitating [SXYP12]. Facilities [Gum83, LG78, CMR+90, LS69]. Facility [AMG+87, GAC85, Lom80, Mul74, LL93, SdS89, AC86, GRSW86, JMLW94, RV89, SRO93, SV91, SY92, Sur15].

Fact [KPB+12]. Fact-based [KPB+12]. Factor [Bre60, Gia66, Hsu59, CLP+13a, SBR64].

Factoring [Bra87]. factorization [EGO0, GJ00, Tae68].

Factors [CK63, Dav79].

FactSheets [ABH+19].

fails [DFF+15, ZCM+96].

Failure [Bar83, DMP59, TAR84, TT98].

Failures [Rot66a]. fair [FW83].

Fairness [BDH+19, HSCV91].

family [GR92, WD94].

Far [GHW70, GL62, OKH+02].

Far-Infrared [GHW70, GL62].

Faraday [Kus70, ZSZ96].

Fare [LT95]. farmer [FKOW16].

Fast [AEG+02, God74, Gup97, HJK+11, Jel69, KP59, KHMK64, Mil83, Raa76, CDC96, Cra98, ESI+12, GI88, Har71, Won90, Bra94].

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

Fatigue [Keh65].

Fault [Aic84, BH82, BCH84, BKRFO2, CTS+92, Com83, Sta84b, Sta85b, Sta86, Sta89a, Cov92, SHL+20, SG99, Sta89b, Sta98c, TSC91, CR84].

Fault-Isolation [BH82]. Fault-simulation [Sta94].

Fault-tolerance [CTS+92].

Fault-Tolerant [Aic84, Com83, BKRFO2, Cov92, SHL+20, CR84].

FCP [ABE+02, SAB+07].

Fe [LR65a, MTR70, Mid62, Bru78, CW78, LR65a, Mid65, Pes71, YTF+11].

Fe-B [YTF+11].

Feature [CJH+15, Duk93, FS82, Kus87, BHW+17, TWM+14].

Feature-scale [Duk93].

Features [CMPR64, GI89].

ABD+18, BEE+02, DHK+92, FWR+11, HJW+16, MPP+15, SSN+15, SJZ+15].

features-based [SJZ+15].

featuring [SRH+18].

Federal [OO81].

federated [RBL+09].

federation [LNT08, NMV+09].

federation-based [NMV+09].

FEDSS [BHV85].

Feedback [KT73, Rei66, Cov92].
Drsm15, Gus76a, Gus76b. **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** [DV64, DM64, Sou64, WS64], **Ferromagnetism** [Mat62a, Sui75]. **Ferroresonance** [SH87].

**FET** [BBH82, Gra80, LST80, Mid70a]. **FETs** [KSF90, RG90, SHWK+90]. **FFT** [Cve87a]. **FFTs** [EFR+05]. **Fiber** [DSM+99, ABD+92, DSM+99, ABD+92, DSM+99, ABD+92, DSM+99]. **Fibers** [BS06]. **Fibre** [DHC20].

**Field** [Azb88, Boe69, Dou62, DSSS64, DS70, DH57, DPR86, EGS60, FFH64, FK62, Gar86, HBL62, JT66, K069b, KO70, Kro58, Ku63, LSC80, Met70, ORT+96, ODR70, PW67, Par60, Ree69, Sve62, Tin62, TH64, Vui64, Whi70, Wol70, BH99, CDS73, CDS00, DAB+97, KM73, LJ92, MHW95, Vur70].

**Field-Effect** [KO69b, KO70, Wol70, CDS73, CDS00]. **field-emission** [MHW95].

**Field-Quenching** [Boe69]. **FIELDAY** [BCGS81, BCGS00].

**Fields** [ASV76, Lan88, Die91, HRWZ87, Lan57, Lan96, Lan00b, Lew73, RE71]. **Fifty** [BS03].

**Figure** [Esa62, Gia66].

**Filaments** [Bar69].

**File** [HP63, Hec76, How84, MT81, ODA+08, Osw74, van72, van73a, Bon79, BGM91, Coo90, GA68, HBP+81, Has98, JSS13, LNT08, Niit95, vdP72, van73b].

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

**filled** [FGMPK05].

**Film** [ABPS66, AGLM85, Bls79a, CC76a, CM74, GLS67, GS84, HM60, HCBAS2, JT66, KJMS67, Lan85, Log70, MJS70, McC92, Ove70, PH79, PSS67, RK66, AT00, APOI92, AR98, Bag94, BHHO59, CWC95, CF72, CCH+96, CPTW98, DM01, Fu92, Gro59, How92, HRS+95, JMM+96, KC89, KFYU92, Kuo92, KOT99, Lew78a, LL98, LCL+98, LS72, Mic59, MWEJ05, Pat72, PGS+98, SLK+97, SGS+09, TSH92, TCCH98, Tho94, TTI98, TKK+92, WWA+98, van89].

**Films** [Ahu66, ADH70, BB60, BBG60, BP75, Blu79b, BB79, Boy60, Bue99a, Cha62, CH76, Coo62, Dav77, DH83, DP59, DPW60, Die62, EG560, Flu77, Fre62, GM63, J63, KDBT60, KH75, Klo87, Kro58, KEJ87, KG63, Kum65, KHBC66, KC66b, Kur57, KM74, Lin67, MPST66, MU77, MS60a, MMT60, Mid62, Mid65, Mid66, MW67, NM65, OHSAPT76, PC64, PDLM67, PBF60, RASS82, RF78, Res59, SK69, Sch75, SJ70, Seg62, SBDF64, SFD77, Slo66, Smi60, SFT77, AF68, AdH00b, BNT86, Cha69, CCG73, CDM89, C6N+99, DPW00, GSG+90, Gre68, GMP90, GLG+99, LFC95, MFPJ71, MFS+11, Ngu99, Pen69, PW68, SF93, SAK70, SD71, SGT78, SHSY90, SHSY00, TCCH98, Tr90, WL73, You90].

**Filter** [COC61, Dod63, God74, Low78, RTM65, VSF65, Bus71, KFYU92, Peh99].

**filtered** [CHL+11].

**Filtering** [FF73, Nus76b, Nus77, PLHJ70].

**Filters** [Pis74, Roe66, GM69, WP669].

**final** [BKP82].

**Finance** [RS14].

**Financial** [ABD+14, HS14, Car10, KOP14, LSS14, HAR+14].

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

**Fine** [BBK+08, KZP03, HRS+95, KAB+05, SLC09].

**Fine-grain** [KZP03].

**Fine-grained** [BBK+08, SLC09].

**fine-pitch** [KAB+05].

**FinFETs** [SRH+18].

**Fingertips** [Goo58].

**Finite** [AG72, BF63, BCGS81, BCGS00, Cor93, Hoh78, RS59a, Ros66, You90, BSHM01, EM65, GA68, HMO81, HMO81, Jl90, KN91b, Lan66, MH101, Mic59].

**Finite-Element** [BCGS81, BCGS00], **fire** [PKXK07].

**Firm** [And10].

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

**First** [HPW+02, Koz81a, SM62, Swa57, WBH+04].
A gases [Cas60]. *Gaseous* [Dan81, GS80, ABC+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, SHW+90, Sta02, WNV+02]. *gate-delay* [KSK98]. *gate-first* [FCE+15]. *gates* [GNF06]. *gathering* [MFL+12]. *Gazale* [Rad62]. *Gb* [ABB+08]. *Gb/in* [ABB+08]. *Gb/s* [ESW+95]. *Gd* [MKP73]. *Gd-Co* [OHSP76]. *GdCoCr* [BCK13, ABB+13]. *GdCoCrGe* [BCK13, ABC+13]. *GdCoCrGeSi* [BCK13, ABC+13]. *GdCoCrGeSiSi* [BCK13, ABC+13]. *Gd-Co* [OHSP76]. *GdCoCr* [BCK13, ABC+13]. *GdCoCrSi* [BCK13, ABC+13]. *Gd-Co* [OHSP76].

HBB+07, HBL+99, HS04, HSL+05, OHK+07, SHR+09, SBC+02, WMK+07, WYTO04.

**IBM** [ACG+87, Age04, Age05, Age08, Bal05, Ber76a, Che06, Che80, DR08, DCM77, Des02, Des04, Don00, Kov06, Lan96, Mau18, Mao20, Mey03, Pic18, Pri07, Ros03, SWC+97, Sta75, Wie76, WH94, ABC+99b, ADG+92a, ADG+95, ABE+02, AC86, ACG+86, ACG+87, AD782, ABB+13, All81, ABB+03, AFM+02, ABB+12a, ABB64, ABB00a, Ana80, AST67a, AEGP67, ABB+12b, AHH68, Ano57k, Ano57l, Ano57n, Ano57q, Ano57r, Ano57s, Ano57t, Ano57v, Ano58j, Ano58k, Ano58l, Ano58m, Ano58n, Ano58o, Ano58p, Ano58q, Ano59f, Ano59g, Ano59h, Ano59i, Ano59j, Ano59k, Ano59l, Ano59m, Ano59o, Ano59p, Ano60j, Ano60k, Ano60l, Ano60m, Ano60n, Ano60o, Ano60p, Ano61f, Ano61g, Ano61h, Ano61i, Ano61j, Ano61k, Ano61l, Ano61m, Ano62f, Ano62g, Ano62h, Ano62i]. IBM

[Ano62j, Ano62k, 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, Ano66n, 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, Ano94j, Ano94h, Ano94k, Ano94l, Ano94i, Ano94r, Ano94s, Ano94m, Ano94n, Ano94o, Ano94p]. IBM

[Ano94q, Ano95d, Ano95e, Ano95f, Ano95i, Ano95g, Ano95h, Ano95j, Ano95k, Ano96c, Ano96d, Ano96e, Ano96f, Ano97f, Ano97g, Ano97h, Ano97i, Ano98g, Ano98h, Ano98i, Ano89j, Ano98k, Ano99f, Ano99g, Ano99h, Ano00i, Ano00f, Ano00g, Ano00h, Ano01c, Ano01i, Ano01j, Ano01l, Ano01m, Ano01k, Ano20e, Arc93, ABB+18, AAM+07, AH0+91, AV04, ADH+07, ABC+12, ACD+15, ABB+25, ABB+16, AHNN11, ABB+99, AHM+07, ABG+09, ABB+15, BBGE+14, BKK+02, BMG10, BS81, BEM+92, BS84a, BDN+02, Bar88, BBH+81, BR81, BHR+72, BAK+18, BHIH+15, BAC+12a, BPS81, BS+08, BCF+07, BAB+07, BWW+18, BWW+20, BSJ+13, BBD+17, BHK+02, BAV+09, BMM+20, BAB+13, BBK+08, BGM+67, BBMP92, BBS+29, BKR+02, BCK+13, BCS+18, BS03, BBG+14, BR92, BS70, BBC+12b, BCD+20, BMK+05]. IBM

[vBBE+02, CNV+15, CCD+13, CSZ86, CDD82, CP99, CMMR64, CCG+81, CJE+16, CP13, CTS+92, CBB+04, CCD+09, CAC+13, CCC+15, CDM92, CBC+18, CAD+09, CAK+15, CM90, CM00, CKL+13, Col69a, CM98, CNC+08, Cor69, CNC+95, CHK+13, Cov92, CHJ+18, CW91, CCW+02, CF+07, CJB+15, DTH92, DKH+92, DSM+99, DGG+92, DT08, DSW82, DLJ+08, DL02, DEH+12, DHC20, DFF+15, EO13, EMM+18, Eic18, EWT+07, ES92, EGH+96, Eng81, EWS+13, FCS+04, FMPS93, FLS75, FKL+08, FGC92, FLR77, Fe95, FGK+07, FWR+11, FDS+13, FR+18, FL67, FN71, FJ+94, FBG12, FBP+11, GP06a, GGRW91, GRSW86, GLOSS92, GW5+04, GR+16, GR92, GGK96, GT87, Glen99, GMZ92, GMK+04, GPE99, GEO2, GCS+12, GMS+12, Gro90, Gsc16, GS82b, HW12, Haj91, Har81, HPW+02, HDW+07, HMM07, HLS81, HHSR96, HTH+09, FHO4]. IBM

[HYA03, Hen68, Hip70, HAG+13, HBL+02, HM90, HS14, How84, HCT881, HO96, HOWP92, ICO71, IS20, Ito97, Ito00, JL99, JWS+09, JSR+18, JML+18, JS81, JSM+18, KKS02, K590, KN81, KMM+16, Kis66, Kis03, KLM+91, KKK02, KBB+09b, KWH+12, KDG15, Kos15, KDT18, KTD20, KBB+09, KAB+12, KHZ+08, KHK+18, LSF+07,
LGW, KSH, MTS84, MLMP, SBC, SV91, SPM04, SLJ, TFR, Sur15, SKE, SDS, Vay12, VLB, MDN, IBM, RFC90, RMM20, RGP95, RWL81, RIB+13, SWF+09, Sam81, Sam64, SKK, SRJ+20, Sar97, Sar91b, SSW91, SHR+09, SRL+11, SLA+15, SCS+02, SKC09, SKP+15, SF81, Ser82, SWB+91, SBTD+09, SGK04, SNA02, SRO93, SAB+02, SKS+11, SSN+15, SVE+15, SV91, SPM04, SLJ+15, SKS+20, Sor79, Sor00, SG99, Sp93, SCM+82, SSD+15, SDS+18, Ste01, SvBC+04, SRH+18, SBC+02, SBC+12, SSI+18, Stuart07, Sds89, SCG+13, Sur15, SKE+18, SLP+20, SHM+12, Tag09, TFR+96, TS82, TAE+07, TBB+09, TBG+15, TFR+01, TJHK03, TCK+15, TSC91, TBS09, UDP+12, VWE02, VOW+12, VCM+20, Vay12, VLB+09, Wai05, WMB+15, WMC+18, WBB+15, Wmr90, Wmk+07, WLB+15, WLS+20, WBD+11, WGF+06, Wil93, WCB+86, WHK+09, WBS+18, YSH12, ZST+07, ZCM+96, ZDB+18, ZFG+11, ZTC+13, ZFD+15, Ano06c. IC [Coo84, FS82, HHSR96, NSO98, PKB96]. iCARE [SMX+14]. ICU [OOL+12]. IDB [TP9+91]. Ideal [FHB4, KG80, Roce66]. Identification [Cio86, CLOR87, Dah67, Boh70, HRRW87, JC00, PAZ72, NRA+07]. Identifying [APRS16, CCBLM12, FSG+73, KSH+08, RWB+10, GDB16, Mar12]. Identity [MBF+13, RCP15, SSY12]. IEEE [ABC+99b, GHW+20]. IGFET [HMO81]. IH [RAG11]. II [BK74, Bar68, BRA84, CGLL93, CAS+91, DMX+59, FDN59, HMO81, LDDDB63, MS87, Mic59, NB61b, ND57, ND00, Sam67, SNM69, SJ99, SS59b]. III [AAH68, BBB+20, BHH059, CASP91, Gun64, KSF90, MKP73, RW59]. III-V [KSF90]. Illustrating [Joz04]. Image [ABC+85, AMG+87, BK74, Ber76b, BHD+97, CCP85, D84, FGM+83, Gar86, Har65, KB74, LC82, MaA83, Par66, SM87, San83b, WS83, WR83, AW82, ACC+15, ARG00, CBK+98, C1H+15, CGLL93, CNH73, DBK82, JN82, KBW+15, MHR+15, Mon82b, OMA+96, PB89, Pri94, SCC+15, SJZ+15, TPF+91]. Image-Forming [Par66]. Imagery [Pri94]. Images [Man85, Sch62a, TLR85, van77, AP82, ATL+88, CNP+17, Dan82]. Imaginary [Hun59]. Imaging [Arm65, DV74, CNC+08, Far82, KJP11, Sch91, SLK+97, TKV00, ZVW+11]. Immerion [GS82a, KT84]. Impact [Bot97, Bru97, Hei79, Hen83, MT84, Zab79, ZL87, CXZ+17, GWB+17, HS04, Knu92, SAP01, SSFF11, TPF+16, ZL97]. Impacts [TP9+20]. impaired [AKNR10]. Impedance [Hor76, Maz70, Pen79, HRW69]. Impedances [BBT60]. impinging [MKJM93]. Implantation [GT80, ZCK71]. Implanted [DYHS78, GS80, RGL75, WS75, YDHS78]. implement [VRA+09]. Implementation [AK82, ABB+85, AC84, Ber85, BBGP94, EFR+05, FT80, GCPVG85, HF94, LBH+75, MS87, SW83, Sow84, Wi85, AAC+05, AH+14, BCG+09, BBH+09, BMK+05, C88V08, CRD107, DDZ+07, FAD+07, HHF94, RB90, RW07, Stu70]. implementations [BBG+14, MP88b, NFI+08]. implemented [LBB+13]. Implementing [NMF10, SW86, Har71]. Implications [RS79, Tu90, De08]. explicit [CBBLM12, Mc12, Shu94, Wid67]. Importance [DBK82]. imposed [Coo90].
Improve [LV62, FKW16, KEKP20, YT16].
Improved [BEM+92, Blu9a, CPZ63, KDT18, KTD20, Lew83, Sav90, SK80, Dan82, GB71, Mat89, SRD94].
Improvements [BWB’20, HS04, JWS+09, SvBC+04].
Improving [AGZ94c, FE75, KVP+20, LF77, LKL+81, MI10, To97, BHP17, Sit71].
Impurity [GK60, KO65a, KM66, Key61b, Pri58b, KKM68, KO69a, MFP71]. in-host [BCH+16]. in-line [ABC+99a]. in-memory [EGN+19]. In-Plane [Blu72]. In-situ [Ahn66]. InAs [Lud78]. Inch [BS70, BBT85, FMS93]. Incidence [PBF60]. Incident [DHM75, GWB+17].
Incoherent [Gef88, PLH70, SB62]. inconsistency [Sit87]. Incorporating [CKE+10, Tar63, SS00]. Incorporation [BC60b, BC60a, BC60c, MPCM82]. Increase [Ano06b, AAC+06, BWB+20]. Increased [Sie63, KDG15]. Increasing [AN98, ABH+19, BM96, ON60, WYTO04, WCK+07, Nai02]. Indelible [Eas86].
Independent [Fra83, AT78, CS84, MLMP+12, MM94].
Index [Ano93b, Ano93g, Ano93h, Bax58, PC64, Ano92a, Ano92h, Ano93c, Ano94a, Ano94b, Ano94t, Ano94u, Ano95a, Ano95l, An97a, Ano97j, Ano98a, Ano98l, Ano99a, Ano99i, Ano00a, Ano00j, Ano01a, Ano01o, Ano02a, Ano02b, Ano03a, Ano03b, Ano05a, Ano05d, Ano06a, Ano06d, Ano07a, Ano07b, Ano08a, Ano08c, BGO03, HSL+10, KEKP20, Sit87, WL73, Bar75]. Indexed [KHMK64].
indoor [YBF+14]. Indra [BNN+09].
Induced [Azb88, DJ70, Har63, Hem74, HMR82, JD66, Lun79, DP68, FMS+92, HRC+08, HRS+95, RKL88a, Srl96, SGS+09, Tan96].
Inducement [Kuh88]. Inductance [BRR79, Rue72, HOWP92]. Induction [DB79]. Inductive [Dan60, Wat60b, WWMS79, CCH+96].
industrial [AA+16, BOS+95, Peh69, SPP72].
industries [LMHM96]. Industry [Car10, Gom87, Kuv06, DKRS07, HZG+16, KAF+16, SP14, VAB+05, Yan07]. inelastic [BEH+89, EH+89]. inequality [Ris76].
Inertial [MR76b]. Inference [Wat60b, AC92, KBP+12]. Infinite [Ins76].
Influence [BS78, BB60, BBG60, HBR85, KMH82, Kus70, Mat62b, Pen79, RRB+01, Roe66, SSG69, HBR86, vK62]. Information [Ano58f, Hor00, IK00, KW62, Kuh88, Leh78, LP75, Lor70, MIH98, Sea57, Sha58b, Sho04, SY73, To88, Wat60a, Wat60b, Win70, AKNR10, AEG+20, AN98, An10, BS03, Cha77, GDA14, GAB+08, HHH04, Joz04, Luh57, MAD+98, PSD+17, SI09, SKC+10, SHM+12, VAB+13, WR00, ZW17].
Information-Carrying [Kuh88].
Information-Content [MH98].
Information-Theoretical [Wat60b].
Infrared [BLLS79, CSH+89, FL74, GHW70, GL62, Heb64, BWB+82, Mah93, Sek93].
Infrastructure [RBB+02, AA18, AH+14, BCG+09, BMS+17, BISN+12, CH06, CJJ+16, GCS+12, HBB+05, KAD+16, MOG+19, RRMD17, SHM+12, TCK+15, VSS+09].
infrastructures [BGM+16, CFH+09, KFW+14]. Inhibition [GSAP17]. Inhibition-augmented [GSAP17]. Inhomogeneously [CL74].
Initial [MW62, van72, BBF+04, vdP72].
initialization [CNSS12]. Initiative [HSM84]. initiative [NRD+09]. Initiatives [Num09]. Initio [Cle65a, BBK+08, Cle00].
Injection [Ghe80, HFDN63, Key65, Key70, Las63, LF64, LS64, Mag73, Mar64c, PR65].
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].

Interfaces
[CW78, HKM+86, KG80, Ker64, BBF+05, KJSG+88, MYKK+17]. Interfacial
[RF78, RRB+01, Tu90].

Interferring
[AA18]. intersections
[O'C89].

Intersymbol
[Kob70, KT73]. intervention
[HHC+18, RSS+15]. intracellular
[PSP06].

Intrasytem
[Das+94]. Introduction
[Cro70, Fer12, FSB+10, GK60, HW12, JB07, KDH+05, LS75a, Mil84, MT84, Par98, PC85, Pen91, SS01, YS64, AN98, Dat98a, FM75, FT98, FNB12, How92, Lan84a, Lan84b, LBC+14, To04, CS97]. Intuitive

[EWBR09]. Invalidating
[Lom75]. Invariant
[UL65]. Inventors
[Ano67a, Ano67b, Ano67c, Ano67d, Ano67e, Ano67f, Ano67g, Ano67h, Ano67i, Ano67j, Ano67k, Ano67l, Ano67m, Ano67n, Ano67o, Ano67p, Ano67q, Ano67r, Ano67s, Ano67t, Ano67u, Ano67v, Ano67w, Ano67x, Ano67y, Ano67z].

Inventory
[BCE+07, KSB07, Sop59, KBA07, el 69]. inverse
[HA00, Sit71, Tom72]. Inversion
[FT64, SS00]. investigated
[Dur94].

Investigations
[CS97]. investment
[GRS13]. Iodine
[BC60c]. Ion
[DG93, LG88, Lev66, RGL75, Bag94, Cop00a, KBF+92, Kuo92, LCL+98, RKL88b, Sp09a, ZCK71]. ion-beam
[RKL88b]. ion-beam-processed
[LCL+98].

Iron-Nickel
[NBRB70]. irradiation
[SMVK90]. Irredundant
[Ca57]. irregularly
[AG72]. Irreversibility
[Lan61, Lan62]. islands
[WTS+11]. Isn't
[Kmu90]. Isolated
[CRG88, LST87]. Isolation
[BH82, OG80, DKH00, HB73, VR71].

Isometries
[CLW79]. isomorphism
[HH04]. isoparametric
[DF15]. Isotope
[GM62]. Isotropic
[BH79b, Che64, CS65a]. Issue
[Ano60f, Car81, MT84, Ano66h, Ano67i, GM60, Mar62]. Issued
[Ano66a, Ano66b, Ano66c, Ano66d, Ano66e, Ano66f, Ano66g, Ano66h, Ano67a, Ano67b, Ano67c, Ano67d, Ano67e, Ano67f, Ano67g, Ano67h, Ano67i, Ano67j, Ano67k, Ano67l, Ano67m, Lee07, MNW20, OD+99, PPG+01]. IT-enabled
[DDBK12, Vay12]. Italian


Has62, IM60, Ken61a, Key61b, KW62, KKK61, KP63, Ku63, Kue60, LDBDD63, Le 62, Lei62, MW62, MV62, Mar60b, Matt62b, MS60a, MP61, Mel61, MWN63, MHS62, MG63b, NM62, ON60, Pal61, Par60, PK61, Rad62, Sch67, Seg62, Sm60, SB62, SS61, Tid62, Tit63, WKW60, Yu61]. levee [SvNH13]. Level [BCK13, Bru78, Cle83, FHL+82, Sam81, SH69, AW82, Agn02, BOS+95, BSJ+13, BBS+03, DSW71, GON+96, GPL+92, HPW+02, JK93, KYY+08, Pat89, RBK+08, SM16, SG95, Wi97, WBH+04]. Levels [Fle58, KLC84, Sop59, KSB07]. Lewy [Lax67]. LEXX [Cow87]. Li [Les71]. libraries [Agr01, Aus90]. Library [LS75b, BPS+96, MBC+96]. Life [ABD+14, BB09, Kov06, Kuh88, CDS+19, McC69]. lifecycle [BGJ+17, KAA+18, WTT+14]. Lifetime [FL59]. Lift [HCS80, MWS0a]. Lift-Off [HCS80, MWS0a]. liftoff [CH82, MWS82]. Ligand [STW+08]. Light [BLB+63, CJ78a, Dumm63, FPS66, Her66, Key63, KHKM64, LDBDD63, LS64, MWN63, PRY65, SW98, SB62, VG74, BLDMD97, CU98, CA01, DSCR98, DP68, ESS+20, HP01, Lax67, LS72, Rab69, RRB+01, RDD+98, SGG+98, SST+98, SSS00, Shi73, TM98, YL98]. Light-absorbing [Her66]. Light-Activated [PRY65]. Light-Emitting [BLB+63, Dumm63, LDBDD63, MWN63, FPS66, CA01, HP01, RRB+01]. light-source [DSRC98]. Light-Valve [SW98, SST+98]. Lightly [Lan63]. lightwave [BG03]. like [Key61b]. likelihood [Boh70, EOH10, Sta73]. likely [OKH+02]. Limit [Heb64, Tan02, Var19]. Limitations [LS64, BJW72, CBBS90]. Limited [BJM+06, Fra70, Mag73, MS60a, HC69]. Limits [Bro88, Key88, DAA+93, DAS+94, Emm97, EPHS05, Fra02, Key00, NBF+16, PK88, Sta02]. LiNbO [HD69]. Line [BF77, Ber64, Dah67, GH70, GC81, GM63, Hop61, SAL63, Sve78, Tay79, Tod78b, ZL87, ABC+99a, ATW97, BH95, BP74, BFH+93, HRW69, MBC+96, RS94, Rei69, Tih93, Wee72, WC69, WWA+98, YG81]. Linear [Ast67, CW72, ET86, GKD67, MW70, Nus77, Pin76, Pl66, Pri57a, Sch85, SIIe63, Tuc60b, AW82, AGZ94c, BE03, BM68, CIE+03, DW90, GB71, GS6a, GS6b, Gus97, Gus03, Las61, May60]. linear-algebra [Gus97]. Linearization [Ger73]. Linearly [KO67]. Linearly-Graded [KO67]. Lines [Gru79, Hor76, Mol67, Ost84, Wit85, Cha88, DKR+90, Ho73, HRS+95, Kep75, Lan60]. linewidth [CAC+95]. linguistic [BC00]. Link [Cro79, MT77, DRSM15]. Linked [CT76]. Links [TW62, CBB+04, FMP+03, GLO892, KACS95, PK03]. Linpack [KGBB09]. Linux [BBK+16, BBB+20, ZST+07]. LinuxONE [BBB+20]. Liquid [BL62, Bog79, DC82, Lan85, Lee74, Lee77a, Mcg92, Pin76, PL77, RL70, SW98, Spr63, Tu75, AT00, APOI92, AIH+98, CJ78a, CJ78b, How92, KFYU92, KRC68, LL98, LCL+98, NSO089, RDD+98, SHWK+90, SST+98, SSS00, TSH92, TCC98, WWA+98, YAH71]. Liquid-Crystal [DC82, MG92, SW98]. liquid-nitrogen [SHWK+90]. Liquids [MW62, DP68, Shi73]. Literary [Tas57, Luh57]. Literature [Luh58a, BWK20, MIL+18, Bax58]. Lithographic [DMW77, MPS77, BDS+97]. lithographic [BTWY92]. Lithography [BLDM97, Bro88, Dav80, Gil84, HCC88, JWL82, Par80, PS80, RKF+97, Rot80, War93, AWH97, Arc93, BRB+01, BGK+82, Bru97, CS97, DEG+01, GHP+93, GC93, HMM97, It001, LL93, LMW+01, MBB+01, PN88, Sec93, SMVK90, SGL+97, SRO93, SS93, Sp93, W93]. lithological [BBPS91]. Lived [SH84]. LLNL [CC13]. Load [Chi60a, Con58, Con60, Mar59, MR76b, BZ06a, CHG04, EV93].
load-balancing [CG04]. Load-Sharing
[Chi60a, Con58, Con60, Mar59]. Loaded
[GM63, HG83, Lan63, EC71]. Loading
[van72, BBF+04, CGL93, GLC93, vdP72].
Loads [All77, BGT74, KS01]. Local
[Cro79, DJBT81, Fra83, HS85, HS81a, Str83,
BSRG17, MCAW95, OCB+90, RC17, ST89,
SJ+15]. Localized [FWW88, Hon70, JT66,
Lan88, Lan57, Lan96, Lan90b].
Localized-Field [JT66]. Location
[DYHS87, LMP96, YBF+14]. Locked
[KHBC+66]. Locks [HS82]. locus [Dan66].
log [McN94, RRM17, WLH+17].
log-structured [McN94]. Logarithms
[Che72]. Logic
[AFR62, Bej92, Bra87, CGG+64, Cle83,
DJBT81, DBG+84, DHSC04, DIW86, Don80,
Don81, EL80, EL83, GRS87, Ghe80, Gia66,
GL80, GHK57, HMW74, Jon75, K70a, KC66a,
Koz81a, LM80, LB7+75, MS05, Mat80, NW64,
RLW81, SKB+96, TCS84, VI82, Voit59, Wei79,
Woo75, AAH68, BEM+92, BM+06, BGL+92,
BMT+90, CCJH81, CAC+95, DBG+00, Di88,
Don74, Fag77, FM75, F71, dTGHC92, HCO74,
HBB99, KL63, KCA+95, Koz81b, MTB+90, WPL+12, Wei91].
Logic-based [MS05]. logic/firmware
[WPL+12]. Logical
[AJH+57, Ben73, BDH83, Bon62, DMN+59,
PR59a, SGK04, Swa60, WW75, Win62,
Zul01, Ber76a, Wie76, WYTO04]. logistics
[BCE+07, BKF82, SS20, SCH+09].
Lognormal [NB61a, NB61b]. Long
[Kuz70, SH84, BBC+98, DKS+95, GCL+19].
Long-Lived [SH84]. Long-Range [Kuz70].
long-term [BBC+98]. Longer [MG63a].
Look [Kin61, LT70, CGS61, Dan66].
Look-Ahead [LT70]. Look-up
[Kin61, CGS61]. Loop [Ben59, MS67, WC75,
BSS76, BCH+16, Cov92, Hip70, ST89].
Loops [BA62, CT76, MKP73]. Lorenz
[Pr57b]. Loss [Kar74, Las63, MVK85].
losses [Yas07]. lossless [Bra68, Ho73].
Lossy [GC81, DKK+90]. lots [NB6+16].
love [Mer04]. Low
[BH89, CFH64, CNC+95, CHJ+18, Cre58,
GM62, GBB+05b, HOWP92, HS91, Ins77,
Jon65, Jon70, KDBT60, KBC+03, MJJ69,
Mey90, Mey00a, MPD86, RL70, SKB+11,
SCYK78, Tay81, Tro00a, Bea90, BJM+06,
CNL+19, CT60, DTTK95, EB91, EO13,
FGG+13, HSS+10, JK93, LZZ+16, LCHL95,
MYS+03, MHK+11, NHK03, PZK+03,
SAT+08, SN02, SKSP06, SPR+95, SCG+13].
Low-cost [GBB+05b, HSS+10, LCHL95].
Low-End [Tay81]. Low-Energy
[Jon65, SKB+11, Tro00a, MHK+11].
Low-field [BH89]. Low-inductance
[HOWP92]. Low-latency
[CHJ+18, FGG+13]. low-margin [LZZ+16].
low-noise [DTTK95].
Low-Operating-Voltage [MPD86].
Low-overhead [HS91, EO13, SKSP06].
Low-power [KBC+03, BJM+06, CT60,
MYS+03, PZK+03, SPR+95].
Low-temperature
[Mey90, Mey00a, Bea90, SN02].
Low-Toxicity [Mey90, Mey00a, Bea90,
SN02, SKSP06, SPR+95].
Low-temperature
[Mey90, Mey00a, Bea90, SN02].
Low-Voltage [RL70]. low-voltage
[NHK03]. low-volume [SAT+08]. Lower
[DH73, FL75, LF77]. LPE [Lew78a]. LRU
[BM75]. 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 [Ja03]. Lubricating
[Lan85]. Lubrication [TT74, VG74,
BHMO95, Gro59, Mat95, Mic59].
Luminescence [PF66]. Lumped [Rut59].
Lumped-Parameter [Rut59]. Lung
[Tay57]. lysozyme [ZEH+08]. LZA [HM90].
M [Don00, BDN+02, Bra72b, HWC88,
PZK+03, SHWK+90, SWC+95, TMF+95,
ACM+89, Yet89]. m-gate-length
[SHWK+90]. MAA [Lye77]. Machine
[AST67a, Ast67b, Bax58, Fri58b, FDN59,
machine-independent [AT78].

Machine-Made [Bax58], machine-printed [HM71]. Machines [Ban84, BMS80, GR58, Gum83, SH57a, FHPR01, PLS20]. Macro [GLL80, HY84, MM82, Ver80, SPR95].

macromolecules [HMK01]. Macros [Jon75, Sch80]. Made [Bax58, BA70, SBF97]. Magic [CSS83, Par98]. Magnet [JT66]. Magnetic [AKK+67, Adl70, ABK89, Ahn66, ABPS66, Azb88, BTW02, BBP72, BBG60, Blu79a, Boy60, BBKW86, BS70, CDS+86, CHBH85, Cha62, CLW80, CC76a, Dav77, DP59, Die62, Dou62, DSS64, EGS60, Fan61, FLP90, Flh67, FP57, FK62, GLS67, Goo62, HPW81, Hoa58, Hoa61, KPST61, KJMS67, Kro58, Ku63, KHBC66, Kus70, Kuz70, LL83, LR65a, Map62, MPST66, Mat70, MP61, Met70, Mid65, Mid66, MW67, ND57, OD70, OHS87, PW67, Par60, PH74, Pat75, Pat85, PFS+70, PSS67, RK66, SSW65, SH57b, SH57c, Sch85, Sea58, Sie63, Sko58, SLo66, SM66, SHSY90, SHSY00, SN98, TW74, Tin62, TH64, Wlh70, WC+86, WY76, AFW89, Ano70b, Ano06c, BP88, BW81b, BS03, Coo90, Dec90, DPW00, EiO10, EKS+04, FCH70, GP06a, GDR70, HJS98].


magnetoresistance [Far98]. Magnetoresistive [Pre66].

Magnetotransport [SKEG+98], magnets [YTF+11]. Magnitude [Par08, CIE+03].

Main [Gha75a, GMW80, PSS67].

Maintaining [Now02, Tom72], maintenance [CHMW07, WLH+17].


Making [CP91, CAS+91, CAS91, ESI+12, Kis03, Pen91, PBBL07, MAG+01, PW72, RDL19].

maleimide [GA88]. malicious [APRS16, VNT16]. malware [HJW+16].

Man [BA70]. Man-made [BA70].

Managed [CJJ+16, ISV16, KAA+18, Pon17, VSS09].

Management [An20d, CT76, GLP76, LS76a, Pri07, RM10, SKL76, AAB+12, ABB+99, BKN10, BKW20, BMD+15, BPS81, BGM+16, BSD+20, BNN+09, BNAG09, BFRT13, BHH03, BBB+05, BM96, BCG+17, Car10, CHH+01, CTD+16, CNP+15, DB20, DM03, DJL+16, DYK10, E06, EWB09, FKG+07, FWR+11, FM10, FGG+13, FLMK06, GDA14, GAB+08, GAG+16, HGZ+16, HS11, JS14, JWW+11, KKB+10a, LRV+09, LSS14, MSL14, MBA+12, MN97, MS07, PL20, PKK07, PAB+06, RAR+14, RHM+99, STC+05, SBD+10, SPB+17, SGK04, SVN+13, SHL+20, SCH+09, SCM+82, SCG+13, Tal20, VRL10, VOW+12, VCM+20, VAB+13, WLB+15, WLS+20, WSE+16, YSH12, vKCD+10, CHY92, PS09].

Manager [Kov06, Mau18, Mau20, FBG12,
MBA+12, YSH12]. Managing
[Aus90, BCC+16, Jen10, Kru84, WAC+16, BC18, SPS+06]. manganese [SKEG+98].
Manganese [Sha58a].
Manganese-Iron-Oxygen [Sha58a]. Manipulation
[AMG+87, CAE+76, THL85, Agn02]. Manipulator [Tay79]. Manley [RP66].
Manned [Jam81]. manufacture [CAC+95, GHP+93]. Manufacturing
[BW83, Don00, EGS+85, GAC85, Har81, HM97, MT81, SW67, AP69, BBH82, CDD82, CMS85, CNC+95, FGP+85, FS82, KL70b, KL94, LRMT95, MCH82, Osb93, Ros99, Rot82, SCH+09, Stu70, Tih93].
Many [Adl64, BCSE89, BMPS91, Di 88]. many-body [BMPS91]. Many-Valley
[Adl64]. many-valued [Di 88]. mapper [BMK+05]. Mapping
[ABC+85, CA84, GHLW84, MY65, Ost84, LPPT86, PB89, RK15]. Mappings
[Cve87b]. MapReduce [SXW+13]. maps [BBPS91]. margin [LZZ+16]. Mark
[Dav80]. market [Sav69, SGESR10]. Marketing
[Sel07, BDMN14, LB07, TYM+14]. marketing-mix [TYM+14]. markets
[Car10]. Markov [Bir01, Hei80, LB07]. Markovian [IS83a, IS83b]. Maser
[Fan64, SS61, Sni57]. Mask
[Ham78, KO65a, KM66, Rot74, BM93, BDS+97, MAG+01, Rot82]. mask-making
[MAG+01]. Masking [JMLW94, Mid70b].
Mask
[RHM63, SPP97, GHP+93, SMVK90]. Mass
[Lev66, MKJM93, Pat80, SFD77, M98, Sp94]. mass-production [MS89]. Massey
[Gus76a, Gus76b]. Massive
[CP13, SCC+15, Soi13, BBC+08, GGK+13, KCML13, SXW+13, ZSY+13].
Massive-scale
[SCC+15, Soi13, GGK+13, ZSY+13]. Massively
[CNC+08, VBC+08, ZEH+08, BSHM01, CBV08, CDD+10, RQBW08, STW+08].
Masterslice [Bra75, CCJH81]. Match
[BR82]. Matched [VSF65]. Matching
[KR78, Kur87, LC80, Maz70, Tap82]. Material
[BS84b, CS65a, Hai85, Par60, AAC+06, DVM81, RK72, Yan07].
Material-Handling [Hai85]. Materials
[Am80, BHR77, BS77, Buc99b, Hat88, Hov78, KN81, Lew78b, Lip92a, Mer78, STCR84, ARM+01, ABR71, AR98, BK76, BWB+82, CBH+05, Cop00a, DG93, EKS+04, Gri99, Hsi99, JS00, Kel89, MBC+96, Nes98, NSOO98, See93, SA00, Tan96]. math
[EFG+05]. Mathematica [DB69, KO67, KO69b, Opr03, Puz75, Pul03, SH57b, SH57c, S59a, Var19, CFL67, KM68, KM73, WH94].
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[Coh87, HM87, Wan60, AKM+03]. Mathieu
[Lev66]. Matrices
[Erd59, Fla65, Sch84, VM79, AGZ94c, CW58, Fil70, Gus03, P591, Tue68]. Matrix
[Chi60a, Con58, Con60, Her66, Mar59, McA83, Tuc60b, ZH89, AGZ94b, ABG+95, AH9+98, CAW+98, Gup97, LCL+98, RS91, Ris72, Sit71, Töl77]. matrix-multiplication
[AGZ94b]. Matter [FRE+08, GZE+05].
Mature [Tay84]. maturity [CM19].
Maximal [Ari69, Mar64a, MS60b, Pat70].
Maximizing [RMM03]. Maximum [Bar80, Bar86, Boh70, EOH10, HFS06, Mac60].
maximum-energy-concentration [Bar86]. maximum-likelihood [EOH10]. Mb
[FKOP90, GP06a]. Mbps [OCB+90]. Mc
[Rut59, RS9b]. MCAW [EBH+16]. MCM
[KBM+99, KPT+02, Lee77b]. MDGRAPE
[EKS+04]. MDGRAPE-2 [EKS+04]. M.
Mean [Col62, Pri58c, Mat03]. mean-value
[Mat03]. meaning [AC92]. Meaningful
[Sha12]. Means [AKS82, Sie63, CNH73].
Measure [SS88, DB01]. Measured [SS88]. Measurement
[BDS+97, Cha73b, EGS60, FF73, Hun59, KKS+73, SMi60, VCP80, BP74, DR93, GRH+08, GLCW93, H73, KM68, KO69a, K01]. Measurements
[Ahn66, Bro66, CEY84, DKAC67, FFH64, KC89, KWP88, Map62, PSH80, Sie70, WB70, ABC+99a, CDM89, ESHM95, EFR+05, LS72, NBF+16, Peh69]. **Measures** [FH84, Gia66, HP84a, Sav70]. **Measuring** [Beb62, DH69, FL74, KRS+17, RSL+70, Yan71]. **Mechanical** [AOR62, BKKW86, DH83, LW77, Tay57, TBB+15, Wan60, WLPL+80, WC+86, Bal91, BBF+05, Fer70, GPL+92, KLS+05, Pri66, WGC93]. **Mechanics** [CBF72, Pri58b, Moi91, Tho94]. **Mechanism** [Bay78, Cla79, HP66, Mee67, MWEJ05, HMM82]. **Mechanisms** [BLR84, BRA84, Cha69, Gom86, Ho66, Kas70, PL79, Sch62a, vAR82, BW72, MMV+01, PAZ72, Whi93]. **Mechanistic** [GB93]. **mechanized** [Luh57]. **Media** [Bay69, Blu79a, Pol78, SW74, BDMN14, BE+14, HPZ+05, JMM+96, KSSC+13, MA96, NHI+07, RVT+13]. **mediated** [GB93]. **Medical** [Pet77, ACC+88, HPZ+96, OMA+96]. **medical-image** [OMA+96]. **medicine** [Far82]. **Medium** [Cop00a, Gru79, Mir60, CDD+10]. **Medium-energy** [Cop00a]. **meeting** [MWL+14, KSB07]. **meets** [MBB+01]. **Megacycle** [WRLA57]. **megapixel** [SGY+98]. **Meissner** [Mat62b, vK62]. **melanoma** [CNN+17]. **Mellin** [Lew75]. **MEM** [KJP11]. **Membrane** [DWGC85, Pet79]. **membranes** [ABM+01]. **Memories** [Ast58, Gra80, Sch63, WT77, FR01, Gab69, Hui90, KMB+08, Lai08, ORT+96, VTM+90, WW71]. **Memory** [Aic84, ABPS66, Bar75, BBC+64, Bla63, BCH84, CFL73, CH84, CR84, CLW80, CPZ63, Cro57, Cve87a, Dah63, Dub72, FHVZ80, FMP61, FP57, Gar57, Gha75a, Gha75b, GMW80, Has62, Hor62, JM64, KPS76, KJMS67, KHBCC66, LL99, LH57, LH00, LST80, MRH89, MLGD84, Mat80, MP61, NAB+15, ND57, ND00, OBB+05, Ost84, Pea69, PSS67, PHCR81, RS94, RRSW61, RWC80, SSW65, SMD80, Swa60, TFR+01, Tro80, WWLF67, AGZ94b, BS06, BPP72, BMD+20, BPS81, BAB+13, BH80, BCCK92, BK8+08, CNL+19, CP07, CTT91, CGN72, CW91, Don74, DMR+81, EGN+19, FP73, FHPR01, FW08, GBK+19, Hat72, HRG80, Lar80, LGW+15, Lec77b, LH84, MBJ+97, MDB+02, MH01, Mat03, MLMP+12, MCG+15, NFS+17, OWG+13, Pat72, RBB+08, RHC73, SKSP06, SSD+15, SDS+18, Sur15, Tol97, TGB+80, VLT+12, Won90, AFP+01]. **Memory** [SAP01]. **memory-system** [ToI97]. **mentor** [WA15]. **Mercury** [CJT62, RL70]. **Merge** [Tod78a, TW85]. **Merged** [SS76, Lec77b]. **merging** [GLK+12]. **Merit** [Esa62, Gia66]. **Mersenne** [Nus76b, Nus77]. **mesa** [AA71]. **MESFET** [Moh70]. **MESFETs** [JVP+90]. **mesh** [FGH+06]. **mesh-connected** [FGH+06]. **Mesoscopic** [CGR88, KH88]. **Message** [Age04, Age05, Age08, Bal05, Cal81, Che06, Che08, DR08, Des02, Des04, Don00, Kov06, Mau18, Man20, Mey03, NNF15, Num09, Pea09, Pic18, Pri07, PS09, Pul07, Ros03, San12, Str81, Viv14, AAC+05, KLMV19, LDSY91]. **message-passing** [AAC+05, LDSY91]. **Messages** [MG63a]. **messaging** [BEE+02, NNI+01, SCW10]. **META** [AGH+16]. **Metabolic** [NBF+00]. **metabolism** [LPPT86]. **Metal** [BLR84, BRA84, Fre70, LMD70, RM70, RWC80, Was88, BNT86, CWC95, Dat08b, DN97, Dür94, GB93, GNF06, HSH+88, KMB+08, OHWR88, SN98, JWJK11]. **Metal-Insulator** [RM70]. **metal-mediated** [GB93]. **metal-oxide** [WVJK11]. **metal-polyimide** [DN97]. **metal-polymer** [HSH+88]. **Metal-To-Polysilicon** [RWC80]. **Metallic** [Coo62, Lan88, SC88, CCG73, Lan57, Lan96, Lan00b]. **Metalization** [FHL+82, Ham78, Mid70a, WKD08, CU98, GPL+92, LV94, WDA05]. **metalloenzymes** [MMV+01]. **Metallographic** [Han57, KWT+11]. **Metallography** [Kov59]. **Metallurgy**
[GRS87, KT84, BA69, TS69]. metalorganic [Tis90]. Metals
[KJ86, Lit62, Dat93, KJSG+88]. Metastable [RVV88]. meteorite
[KWT+11]. Meteorology [Kol67].
metering [Sch96b]. Methacrylate
[AGLM85, GOJN77]. Methacrylate-Based
[AGLM85]. Methacrylates
[SNA02, Sit87, TLM83, Tom72, WLEF89].

Boh70, BBK methods
[LS77, Lei61, MN70, MC87, Mic72, MTB GB71, HRW69, JP94, KN91b, KSK98, Lan66, Dan66, FRPG01, Fra80b, Fro71, Gil60, GB71, HRW69, JP94, KN91b, KSK98, Lan66, LS77, Lei61, MN70, MC87, Mic72, MTB+90, SNA02, Sit87, TLM83, Tom72, WLEF89].

methologies [GGKK96]. Methodology
[CW83, LS76, SH84, TS82, ABB+99, BAB+07, BWS+18, BBS+03, CCW+02, DL02, EGH+96, FPB+11, HNS+03, HKR+97, KBK+97, KEL+00, Mat98, RB90, RKB+08, RFC+07, SCC+97, TMF+08, WBW+15, ZFG+11, EPP10]. Methods
[Bro66, Dub83, Fra70, FP83, Gaz78, HS85, HW81, HS61, KLS66, Meg63b, Mir69, Ode87, Sch62b, ATW06, Boh73, GM72, GKM, GKM, Ham99, HHR99, HM71, HKD06, Hor98, HRS07, HE10, Kri82, LO72, Mac60, MDR+07, Meg63a, RW59, Wid67, Wol72, WBT+10].

Methy1 [AGLM85, GOJN77]. metric
[DRSM15, FM10]. metrics [BC18].
Meteorology [Rot74, Rot82]. Mexico [HF78].

MgO [AS78, JWSP06, PW78]. MHz
[RHC73]. Michelson [GHW70].

Microanalysis [NM62].
Microarchitecture [FAD+07, BBS+03, LSF+07, MWS09, SCS+02, SBDT+09, SKT+05, SVE+15, TDF+02]. microarchitecture-level [BBS+03].

Microarchitectures [CNL+99]. microbionme [WSE+16]. Microblogging
[CGM+15b]. microcode
[vBBE+02, GMS05, KKM02]. Microcoded
[CN74]. Microcontact [BLDM97].

Microdisplays [HP01]. microelectronic
[Cop00a, CNG+95, KLS+05, TW69].

Microelectronics
[DHSC64, Ang01, BRB+07, DHSC00, JS00, KBF+92, OSP+98, RWM+05, RB92]. microelectronics-related [JS00].

Microfabrication [Dat98b, Dat98a, vS98]. microfrazography [Mon82b].

Microglossaries [Tar63]. Micrographs
[Kra81]. microinch [CMR72].

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Micromechanics [LDL84, Poh95].

Micrometer [Ghe80, BK76].

Microminiature [LFR05, VLKW14].

micromodels [LS73]. micron
[KCA+95, MTH71]. Micropitch [NSOO98].

Microprobe [KM74]. Microprocessor
[AK82, CT82, Cor82, HS81b, ML82, ADH+00a, BCGW+04, BBH+95, BAB+07, BCJ+96, BBGP94, BBC+12b, CWC+02, CFP+07, CJB+15, FGK+07, FPB+11, GP81, HKR+97, JSR+18, JO96, KL97, KAB+12, LR97, LRH+02, MBF+07, MP82, SRJ+20, SRL+11, SBDT+09, SWC+97, SM04, SMK+99, VMM+94, VLP+05, WKP+02, WL97, Web00, ZS03, ZFG+11].

Microprocessor-Based
[HS81b, GP81, MBF+07]. Microprocessors
[RS85, Sta85a, ABB+00, BBS+03, CS99, CT06, DKS+95, GBRJ05, SLC+97, SCC+97, WBS+18]. Microprograms [Bir74].

Microscope [AMGC86, AP88, BMC86, CW86, DHTW86, KJ86, vS86b, BNT86, KKT+95, MPHC90]. Microscopy
[Ano86c, DPR86, FF86, Fin86, Gar86, GH86, Gom86, HG83, HBR85, Poh86, SB86, TH11, WKB+86, All00, Bat00, BR00, D¨ur94, EBD+86, HBR86, KWT+11, Lud00, LFC95, Mat95, MHK+11, Poh95, Ros00, SKB+11, SA00, Sto91, Tro00a, TTF98, VJJK11].

Microsecond [RRSW61]. Microsectioning
[Han57]. microstrip [HRW69].
Nanostructure [CKK+88, HST+06].
nanostructures [HJS+98]. nanowires
[SHC+05]. NaOH [PM+72]. narrative
[GCL+19]. Narrow
[DKAC+67, KM+66, LC+83]. National [Coh+87].
Natural
[BKU+88, Hei+76, Leh+78, O+C+89, Pet+76, Pla+76, SFT+78, AK+83, BCD+17, CGS+61, KVP+20, KM+20, MIL+18, TY+19, WN+92].
Natural-Language [BKU+88]. Nature
[BD+62, MKP+73]. Navy
[Com+83]. Nb [HBL+62, ZBL+72, ZBL+72].
Nb-Zr [HBL+62]. NCilada [LQS+04]. Nd
[TCC+98, VTF+11]. Near
[DR+86, KG+80, KO+65a, Mee+67, Pri+60, Tau+02].
Near-Field [DR+86]. Near-Ideal [KG+80].
Necessity [Sch+67]. need
[Agn+02, BGS+13, BH+11, VRL+10]. needles
[CCFB+12]. needs [KVP+20]. Negative
[Bay+69, CGHK+77, ET+70, Goo+62, HA+58,
MNS+69, PB+69, Rtu+59, Rtu+64, SGL+97,
SNM+69, CAS+91, PA+69].
Negative-Resistance [HA+58, Rtu+59].
negatives
[CP+91, CAS+91, CAS+91, Pen+91]. Nematic
[YL+98, L+92]. neocortex [DLJ+08].
nematic [OOL+12]. nested [HS+91]. Net
[Chi+06b, AKG+19]. NetMessage [AEH+04].
NetMessage-protocol-based [AEH+04].
nets [AKG+19, Mat+98, PS+86]. Network
[Ahu+79, BCH+16, CW+77, Cvo+87b, HP+84a,
HS+81a, Ho+75a, HS+81b, KP+63, MHS+62, Pal+61,
RK+15, SL+70, St+63, SW+83, Str+81, Str+83,
Tid+62, ABC+05, ABB+03, Ar+69, BCE+07,
CFS+19, DXZS+13, FNY+10, HW+72, HT+69,
JAC+17, LDJ+10, LSW+13, L+10.
MYKK+17, Moot+72, NQ+20, OCB+90,
ODA+08, PSp+06, Rey+69, SHCV+19, SMS+80,
Sed+67, SM+71, VJA+07, ZSY+13].
network-attached [ODA+08].
network-centric [BC+07].
network-optimized [LDJ+10].
Network-structured [RK+15]. networked
[QGT+13]. Networking
[Whe+88, BAB+18, DM+03, DOJ+14, HSC+05]. Networks
[Ahn+80, Bra+64, CHW+75a, CHW+75b, Cha+67,
Fray+83, Fra+87, HS+85, MT+77, MFT+77, Moo+60,
RK+75, Sau+81, Al+89, ATC+15, BSR+17,
Bra+68, DFNNS+17, EPP+10, Gl+97, HF+91,
Irv+93, Ism+00, Lam+77a, Lam+77b, MM+LN+99,
Mk+94, M+MN+10, Pip+87, R+69, SP+71, SS+82,
SX+13, ST+89, SPS+20, SGS+20, VNT+16,
WP+11, WT+91, YCJ+17]. Neumann [AG+72].
Neural [JAC+19, MYKK+17, AGK+19,
DFNN+17, LGBV+17, M+4, SP+17, WT+91].
Neural-network-based [MYKK+17].
neurodegeneration [PCW+17].
neuroimaging [PCW+17]. Neuromorphic
[NLP+17, FLB+19, LRS+17, MYKK+17].
nuron [KSH+08]. neuronal [TM+17].
nurons [GSAP+17]. neurophysiology
[TR+77]. neuroprophesion [DBN+17].
neuropsychiatric [CGH+17].
nuroscience [CK+17].
nosynaptic [ATC+15]. neuron
[BE+89, CP+72, EH+89, HH+89].
nutron-scattering [BE+89, EH+89].
nspaper [Z+17]. NEXAFS [CHL+11].
Next
[AEG+20, ACD+15, DEG+01, EK+08, FW+08,
JGD+08, KAB+05, OW+00, SFH+16, WD+94].
Next-generation
[AEG+20, DEG+01, JGD+08, KAB+05]. Ni
[M+T+60, Mid+62, CW+78, Dem+78, LR+65a,
MFS+11, Mid+65]. Ni-Fe [M+T+60, Mid+62].
Ni/Fe [CW+78]. Nicholas [Don+00]. Nickel
[AC+63, BB+60, Fre+62, NBRB+70, PBF+60, AT+00].
nickel-base [AT+00]. Nickel-Iron
[BB+60, PBF+60]. Nicolson [Fla+65]. NiFe
[Fl+67]. Nigeria [TB+17]. night [ESS+20].
nighttime [ESS+20]. NIL [SS+7a]. nineties
[Pol+03]. Niobium [BM+L+80]. NiS [HC+70].
nitidation [H+99]. Nitride [DA+77].
Nitried [HBB+99, GL+99, Luc+99].
nitrogen [SHW+89]. nitrogenous
[MFP+71]. nitrones [Y+71]. Nitrous
[EB+99]. NLP [KMC+11]. nm
NT72. Observed [SL66]. obtain [DN97].
Obtaining [Ham78, HRW69]. occupational [BC00]. OCR [CJ38, RH75]. Odd [Hsi70].
Odd-Weight-Column [Hsi70]. Off [HCS80, MW80a, MS69, DTTK95].
Off-Axis [MS69]. off-chip [DTTK95].
offering [BDN+02]. Officer [Pea09].
offloading [TMT+16]. Ohmic [Sch64]. Oil [ET86]. Omega [Cve87b]. On-Board
[CC76b]. On-Chip [Kua95, CU98, SP90, BAB+13, DKA+95, ESHM95, LFR95, NFS+17]. On-demand
[Elg11]. On-Line
[BF77, Dah67, GH70, Sve78, Tod78b, BP74, MBC+96, RS94, Rei69, WC69, YG81].
On-The-Fly [Pat86]. One
[Bog79, BH79, CHS82, Erd88, Gri90, LM80, Pim76, RWC80, 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
[LM80]. one-terabyte [CIE+03]. One-Way
[She59a]. Online
[RP14, SS20, BBMR91, Koe18, MOG+19].
Only
[FMP61, Has66, JT66, MPST66, TK64].
onto [DKA+05]. Ontology
[Pon17, FPST14, HH04].
Ontology-driven [Pon17]. Open
[AHM+07, BHP17, HTH+09, LD74, SP14, ZST+07, ADG+92b, BBE+20, CBD+09, GHL+04, GDA14, GWRS90, LH03, Mat03, RBL+09, van73b]. open-queuing [Mat03].
open-source [BBE+20, LH03].
Open-Standard [AHM+07]. Open-Tube
[LD74]. open/short [GWRS90].
OpenCAPI [SSI+18]. OpenCL [CJ+10].
Opening [KM66]. OpenMP
[EO13, EBB+20, TMT+20]. opens [SSI+18].
OpenStack [CJ+16, ACFS16]. Operated
[BMC86, SW67, Col96b, SHWK+90].
Operating [BCR91, Gau77b, HS82, MMS05, MPD86, PS09, ALS81, Irv93, JDBP10, MMR89, MAA+05, Cal70]. Operation
[Gar57, HFDN63, LCH74, Mag73, Mar64c, PR65, BP92, HD73, HSL+10, SBD+10, ZG71]. Operational
[Col69a, MP67, BWT+14, DJK14, VOW+12, YMR14].
Operations [CT76, DR08, LH03, PR59a, Win62, BCE+07, EGH+86, Sur69].
Operator [Ben59]. Operators
[TL70, FBHJ04, GM73]. Opportunities
[JAC+19, SFG+06, HvKI109, MDZH+02, MLM+19, PPG+01]. OPRO [SLK+16].
Optic [Beb62, ABD+92, DSM+99, GLO92, KACS95, Pat72, Wie90]. Optical
[BDWZ83, Cha73b, CS97, DB79, DDMS92, Dim70, DPR86, EHH87, FLR77, HD69, HCS80, MA96, ORP+78, PFS+70, SH63, SB62, SS61, SST77, WSW83, WR83, WB70, AAH68, AFF96, Bar68, BI+05, Bro72, BrX07, DH69, DSR99, GM69, HHH99, Hen49, Hen88, PK03, PRT1, SGL+97, SRCW97, TJK90].
Optical-Digital [WS83]. Optics
[LC82, MPS77, RSSS82, Zwe65]. Optimal
[BJ67, Bud67, Chi60a, Her75, Hsi70, Kan74, LF77, Lew80, Low74, Mil83, MP88a, PH74, Rob67, BM68, EBD+95, FXL01, GH9+17, GB71, HSL+10, MD12a]. Optimization
[BBH82, BHD83, Bou97, BMS80, Bra80, Cho74, Hal67, How82, Jur78, KLC84, LH03, MS75, PSW+07, SK80, SKK14, SMD80, Agr01, AAS+14, BCC+12, BKN10, BBH+95, BSJ+13, BGL07, BDHH+09, BR09b, CDSW06, Cor93, DFNS17, DXZ13, DBNK+17, FR5+18, Go69, GCFW07, HH89, KBA07, KKL+14, KS07, Mey00b, MS07, NRA+07, PK18, Slc07, SC20, SS20, TMY+14, TGL+12, TMT+20, ZFG+11, ZFD+15, Pul07]. optimizations [HS04].
Optimized
[Ben74, MBF+13, BEE+02, EBB+20, FCE+15, LDJ+10, MDN+18, Myc72, SDF+18, Wei91]. Optimizing
[Adu84, BHG+05, FHS06, GKT17, LB07].
Optimum [vdP72, van72a, van73b].
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[CPCC18]. person-generated [CPCC18].
Personal [GBS+87, ABD+14, BC18, Shi85].
personalized [BEJ+14, RSS+15].
Perspective [Har81, AG06, ACM01, Bra69,
CNG09, CDM92, DDZ+07, GBK+19, SG99,
Tan96, WCT06]. perspectives [MD12a].
PERT [Nad79, KC66a]. Perturbation
[Bog79, Par60]. pervasive
[JSJ+18, WPL+12]. Petabytes [WGF+06].
petaflops [GBW+09, LQRS04]. petascale
[PLK09]. Petri [PS86].
pH [DR93, JK93]. Pharmit [Koe18].
Phase [BF63, BBG60, CJ78b, CDH64, DG84,
Du59, GS70, GBC65, Hop61, Kov59, MP81,
RBB+08, SJK70, Sha58a, Hun71, LG88,
Nob55a, Ros00, Tis90, Woo04, 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, LeB62, MN+69, RP67,
SBD64, Tro80, MNS69, SNM69].
Phenomenological [O'H78].
philanthropic [LHS+17]. philanthropy
[CCE+20]. philosophical [GHN04].
Philosophy [AST67a]. phonological
[MC87]. Phonon [YWWK64]. Phosphorus
[JD66, JD67, MFPJ71].
Phosphorus-Diffusion [JD66].
phosphorus-impurity [MFPJ71]. Photo
[EHHP67, MC68, Gri69, MS89, OCT68].
Photo- [MC68]. photo-digital
[Gri69, OCT68]. Photo-Optical [EHHP67].
photo-polymer [MS89]. photoablation
[VDP94]. Photochemical
[GFHW82, PL79, VM79]. Photochemistry
[BH79]. Photoconducting [Boe69].
Photoconduction [Cas71].
photoconductive [SG71].
photoconductor [Sch71]. Photocurrents
[DA77]. Photodecomposition [Her66].
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[AC63]. Photoelectrochemical [Koh98].
Photoelectron [RF78, KWT+11, MPHC90].
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[Bru78, DV74, CBBS90, RG90].
Photographic [BT67, Fal70, ZG65].
Photographs [Har63]. Photography
[BLLS79, MG62]. Photoinduced [GDR70].
Photolithographic [Sta84a].
Photolithography [Rot74, ATW97, Lin76].
Photon [BH79, Gar64, Loy79, MNR86].
Photoprocesses [Her66]. Photoresist
[DS77, Mid70b, SFD77, RKL88].
Photoresists [AWHK97, PL79, SGL+97].
photothermal [vS98]. Photovoltages
[Swa61]. Photovoltaic [Lew78b, Mer78].
Phrase [SFT78]. Phthalocyanine
[SLLP64, SL66]. Physical
[BWB+20, Cor82, DHK+92, MM82, PK88,
Pri58c, Swa60, AEZ84, AAM+07, BBD+02,
BAB+07, BHD+05, HHSW01, SGK04,
WKP+02, WBS+18, CP91]. physicist
[Tan96]. Physics
[CD85, Fri69, KN81, Kub88, Bev69, CFL67,
HST06, Mol69, Tan96]. Physiome
[NNN+06]. PI [Shi85, Kau81]. PI-Donor
[Kau81]. Picosecond [CBBS90, Hei90,
MPHC90, TKV00, RHC73, WSBL90].
Picture [Sto91]. Pictures [Kan78].
Picturing [Pic91, Woo04]. piece [WS72].
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[RR87]. Piezo [JJ64]. Piezo-Hall [JJ64].
Piezo-Resistance [JJ64]. Piezoelectric
[BBT83, Vie86]. pilot [ATW97]. Pins
[HW87, PW83]. Pioneer [WM92]. pipe
[TMS98]. pipelined [EV93]. pipelines
[ZS03]. pipelining [KZP03]. piston
[GZM92, Gre60]. pitch [KAB+05]. Pivoted
[GM63, BHHO59]. pixel [SS00]. PL8
[GH+04]. PLA [Sch80]. Placement
[DKN87, HY84, Twa77, HHSR96, SKLC20].
Placements [Don81]. Planar
[AA71, CL64, KO65a, KO66, KO69b, vM66,
ABK89, BGO03, SAK70, Yon90].
planarization [GPL+92, WDA05]. Planck
[HJ88]. Plane [BC65, Blu79b, SM63].
Planes [BBC+64]. Planet
[Pal14, CRHP09, Jen10, MVCW10, MI10].
planned [CHMW07]. planner [SG94b].
planners [GBJ+08]. Planning
[Buc62, Tay79, ABD+14, GCFW07,
JWM+11, KRTN+12, LB07, LSS14,
PKXX07, SGS+96]. plans [HR07]. Plant
[MW82, HHM70]. Plasma
[AST88, AHW+99, CK79, CNS+99, EM94,
Fon99, Gri99, Hess99, KOT99, Ku99,
Luc99, MM64, OR92, RS69, BBHS2, GMP90,
Ham99, MMJ69, Nu89, OK+99, VP94].
Plastic-assisted [CNS+99, Hess89, GMP90].
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[Gri99]. Plasma-etching [AHW+99].
plasmas [ETWO08]. Plasmons [Mor79].
Plastic [DH61, CFT2, Pal72].
plastic-encapsulated [Pai72]. Plate
[CCC+79, Cha79, CASP91, DKRS07].
plates
[CP91, CAS+91, CASP91, MKJM93, Pen91].
Platform [MBB+18, ZSY+13, BBE+13,
CGM+15a, CHM+16, DGH+14, HKA+13,
HSS+10, IBP+05, JLV+9, KA+18, LRV+09,
PMS+17, RRIMD17, SFH+16, TBB+09,
WHC+18, YSH12]. platforms
[GDA14, HRZ14, KAC+15, ZCLS10].
Plating [BLR84, BAA84, HSM84, vAR82,
GB93, JK93, VDAB05, WK98]. Playback
[Fan61]. playfulness [CR15]. Playing
[NS558]. PLL [VMO99]. plot [PS91].
Plotter [Kro58]. Pneumatic [Voi65]. pnp
[Gil79]. PNPN [KK59]. poaching
[FNS+17]. Point [ABC+99b, BD96, Cll90,
DK74, LC80, RS67, SW90, AEGP67,
CBB+05, DTH92, DXZS13, DZZ+07,
GWS+04, HFH94, HM90, J096, MHR90,
RS66, SEMM07, SK99, SKC09, SG94a].
Point-Matching [LC80]. Point-To-Point
[Kar74]. Points [MLGD84, MC83].
Poison [BSTM01]. Polarimetric [Beb62].
Polarity [Cor84]. Polarization
[Cha79, KH75]. Polarized
[BBT83, Le 62, Mar61, All00]. polarizing
[TMS98]. Polarographic [Hor98].
Polarons [CC+88]. policies [BBC+09].
Policy [Kan74, KKB+09]. Pea09, EWBR09,
HHC+18, NBM+19]. Polishing [GBC65].
pollution [CZ+17]. Poly
[Blu79a, GOJN77, Hir87]. Polycrystalline
[TV78, Cha69]. Polydisperse [SH63].
Polygical [MS78, SN87]. polygons
[MN90]. polyhedra [MN90]. Polyhedron
[AW76]. Polyimide [GS84, DN97, KFSZ92,
LCL+98, RKL88b, SRD94]. Polymer
[BBB+07, BBT97, G5VE83, Gre68, RSSS82,
TO77, EM94, HSH+88, KJ3G+88, MS89].
Polymeric [BS77, SST77, LG88].
Polymers [AGLM85, BMW83, BPS4,
CSS83, GHF82, HG83, Kau81, LY83,
SC81, Anc01, Bro94, Ito01, LV94].
Polymorphism [VBM71]. Polynomial
[FC63, LR65b, Rog86, DO62, HA00, Kri82,
NQ78, Sur69]. Polynomials
[Me63b, Me63a]. Polyproylene
[DH83, DVM18]. polySi [GFN06].
Polysilicon
[GS80, RWC80, SGC+87, LBT99]. pooling
[GSB93]. Population
[Dum63, BISN+12, Can73, Lam77b].
Porphyrin [VM79]. portability
[BBB+20, GW18]. Portable [ZS96].
portal [Tag09]. portfolio [BKN10, VRL10].
portfolios [GRS13, GMX14, MR14].
Porting [PLS20]. Posets [MR76a].
Position [KST58, Tin62, Ull65, DDMS92].
Positioners [Her65]. Positioning
[MR76b, Osw74]. Positive
[Koz81a, Koz81b, Mur57, SFD77, HHSW01].
Positive-Integer [Mur57]. positive-tone
[HHSW01]. Positron [Pet89]. Possession
[Sau81]. Possibility [KW62]. Possible
[GL09, Gom86, ZCK71]. Post
[PS80, DFF+15, HHSW01].
Post-Detection [PS80]. post-exposure
[HHSW01]. post-silicon [DEF+15].
Postprocessing [RH75]. posts [VMAB18].
potable [BR09b]. Potential
[BLR84, CRAG18, CL74, KWB88, MW80a, RVV88, Sak79, TY64, TR77, UC62, DC73b, GC68, GBBM90, Lcs71, TMW+17].

**Potentials** [Erd88, HB74, Swa57, ABF]

**Potentiometer** [MDP86].

**Power** [BDMW81, BAV+09, CNV+15, CFP+07, Fra02, Gau77a, Hor76, MN67a, Mar64c, RP67, Wel61, ZFG+11, Ano01c, BPG+16, BZ06a, BLM+06, BBH+95, BSJ+13, BHH03, BBS+03, CH06, Cov92, CAC+05, EB91, EBD+95, FGK+07, FDS+13, GAJ+16, HSL+10, JGD+08, KAD+16, KKM02, KBC+03, MAB+03, MZS+03, PZK+03, RMM20, SBP+03, SPR+95, SAB+02, SCG+13, TGB+15, WLB+15, WLS+20, Yet89, ZTC+13, Gsc16].

**Power-constrained** [CFP+07, Fra02].

**power** [KKM02].

**power-performance** [BBS+03].

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

**POWER** [BKRF02, BMK+05, LRH+02, TDF+02, WK+02].

**POWER5** [AAB+05, MMM05, MMM+05, SKT+05, VLP+05, Ano05c].

**Power6** [PC07, AAM+07, BSK+08, BAB+07, CFP+07, EWT+07, FGK+07, LSF+07, MSSF07, MBF+07, SKK+08].

**POWER7** [BAB+13, FDS+13, LBB+13, Rit13, ZTC+13, AHNN11, FWR+11, FPB+11, RAG11, SRL+11, SKS+11, WBD+11, ZFG+11].

**Power-7-III** [RAG11].

**POWER8** [CNV+15, DFF+15, LGW+15, MPP+15, PMV15, RES+15, SLA+15, SSN+15, SVE+15, SSD+15, ZFD+15].

**POWER9** [ABD+18, CBC+18, FRS+18, JML+18, KKH+18, LVT+18, NAN+18, Pat18, SAA+18, SDS+18, SSI+18].

**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].

**PR** [SKLC20].

**PR/SM** [SKLC20].

**Practical** [Rog66, WMK+07, HRW69].

**practice** [KSB07, Wal86, WBT+10].

**practices** [Mal13, PP09].

**pragmatic** [WN92].

**Pre** [And73, LSS+20, TWM+14, BW16, CBV08].

**Pre-Empitive** [And73].

**Pre-exascale** [LSS+20].

**Pre-harvest** [BW16].

**Pre-release** [TWM+14].

**pre-stack** [CBV08].

**preamplifier** [KACS95].

**Precipitation** [JD67, MPCM82].

**Precise** [Hua79, KKS+73, San83a, SLK+16, THL55].

**Precision** [GHW+20, RSL+70, MR72].

**precursors** [ZHP+18].

**predict** [TCP+16].

**Predicted** [MW79].

**Predicting** [Bry75, FNS+17, LRNS17, TPT+20, WSKC17, VMS+14].

**Prediction** [Doo83, KB74, AKB+17, BC00, EHL+01, HHR99, ITS+15, RQBW08, SJZ+15, TMS+01].

**Predictive** [GCPVG85, WLH+17, AHN+03, BK74, EÖH+10, GWB+17, GAJ+16, KB74, PCW+17, VVHL16].

**Preface** [AS06, Ano67t, Ano19g, Ano19h, Ano19i, Ano19j, Ano20d, Ano20e, Ano20f, Att92, BSD09, BNS15, BR09a, BR17, BHF10, Bos97, Bra05, Bra08, Buc99a, BJ06b, CK17a, CP99, CK17b, CRH12, CN18, CRG05, Cor18, CS02, DFS98, DA04, DS03, DLN14, Don90, Don92, Eic18, EJ03, Far91, Fle95, FSH+14, FS05, GP06b, Gar00, Gon99, Gri92, GP09, HJ06, Har01, HPW11, Hau93, Hau96, He01, HHR08, HT16, HF94, HNRiC07, Hor93, Hor00, HÖ96, IK00, ISV16, Jor04, KN08, KLE91, Kni08, Kog94, Kos15, Kua95, Kue90, Kuo99, LCB93, Lip92a, LUN02, MCVW10, Mau97, May90, McG92, MW09, Meh07, Min08, Mit94, NHH91, Opr03, Pal14, PWW13, PD10, PMV15, Pat18, Rao16, RM10, RS14, RR02, Rit13, Sch07, Sch04, SCT84, SGESR10, SNB+09, Sol13, SS15, Sol02, SCR01].

**Preface** [Ten05, Tro00b, TH11, Tur02, Tur07, Vay12, War93, Wes90, WR95, Wlo09, WCRiC10, WH94, You57, ZS96].

**prefetch**
GS82b, HCS80, KS79, KGCS85, Law02, Mar60a, Mey90, Mey00a, OHM+85, SSL73, SRH+18, Twa85, Was77, ABM88, Cal70, CPTW98, CGN72, CKE+10, DN97, HHSW01, KKM02, KRT98, Lao61, Lao00a, LV94, Mah03, SBG+71, SKC+10, Sta76, Sta00, Stu70, VW78, Vau97, WSE+16]. processor-characterization [CPTW98].

processed [LCL+98]. Processes [Die62, FL59, Hat88, Meg62, Mid62, Mid70a, NB61a, NB61b, Red57, STCR84, Wes00, AHW+99, Bea90, CNC+95, FSG+73, Hei80, LB07, LCHL95, MD12b, OS99, RW+05, Ros00, SPP72, See93, WT91, vS98].

Processing [ABC+85, ABB+91, And65, Ber76b, BUK88, BHW77, Bur75, BHD76, CCP85, Dav77, DB76, DMP59, FLCD6, FGM+83, GBK+19, HF78, HAG+13, Kin61, Kie91, Kuo99, MW80a, May81, Moh70, Mur57, PS80, Shi85, Tas87, WSW83, Wlo87, AKB+17, ARG00, ARS+17, BK75, BRR82, CGLL93, CS61, EB99, Fou99, FNY+10, GON+06, GLM+96, Ham99, KVP+20, Kuo92, KOT99, Luc99, Mar98, MIL+18, MP82, MKJM93, NAB+15, PB89, RB92, SPR+95, St091, CMP87].

Processing-in-memory [GBK+19, NAB+15]. Processor [All81, Ber85, Coo82, DR82, Fre67, GCPV85, GS82b, LS76a, MSB+04, NH911, PPS82, Ser82, SJS815, TSS82, Tsu80, UMK+85, ABB+03, ABD+18, AEH+04, GBM90, BH+15, BK+08, BCF+07, BDHH+09, BAB+13, BEKK00, BKR02, CJ83, CNS812, DTH92, ESA02, Emm97, FAD+07, FNY+10, FXB+10, FAJ+94, GGRW91, GH06, GMS+12, Gro90, Haj91, HDW+07, HFO4, HSL+05, JZ91, KBG+09, LGW+15, LV+18, LBB+13, Lip92b, LJ+07, MWS809, Mar90, MDR+07, MME+97, MZS+03, OG90, PBB07, RB90, RWW07, RG09, SKK+08, Sar91b, SCS+02, SKC09, SLE7, SKS+11, SVE+15, SKS+20, Sta90, SSD+15, SRH+18, SBC+12, TSC91, WMB+15, War90, WBD+11, WBH+04, ZDB+18, RSN92]. processor-based [CJS83, SKS+20]. processor-performance [Emm97].

Processing [AK82, CW77, Tod8a, Aus90, BBMP92, BS80, BRB92, BMK+05, CNV+15, CMR+90, CTS+92, CDD+10, Cov92, DGG+92, EV93, NOWP92, OW00, SLC09], procurement [GSAB93]. Produced [Hut74]. Product [Cle83, KB06, SMD80, BMT+90, BKP92, EBD+95, Fil70, RAM91].

Productive [KB06]. Production [DB+84, DKRS77, DS65, GAC85, Kol59, WWK+87, BKF+16, DBG+00, LMHM96, MS99]. Productivity [FT80, LKL+81, SMD80, LRMT95].

Products [Ada84, Wes90, DKRS77, EGH+96, GSAB93, LZZ+16, LCHL95, Man90, Pat89].

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Profiles [JD66, KP80, FKW16, KRS8, MFPJ71, Okt69, Pa07, PL73]. Profiling [CW78]. prognosis [SLK+97, SSB+12].

Program [Bar73, Bon62, BCGS81, Chi86, DGB78, Don80, Fer75, FE75, GFG75, GHP+75, Hat72, Hei76, KGBB09, LG78, Len58, Col69a, Hat72, Hei94, KN91a, KSL95, LFF90, MS96, PBB07, Sar91a, Sed67, TBI+17].

Programmable [Cow87, EL80, GLL80, LBH+75, Wei79, W007, HAMC+94, MMWL99, Mey81, MZS+03, SKS06].

Programmed [ET69]. programmer [LR97].

Programming [DLM86, Hei76, KGB09, LG78, Len58, LW77, Luc81, Sam81, SH84, Tuc60b, Afl80, AKE+92, Be02, BCR91, Bur72, CFK+91, CCF+10, Gsc09, dTHC92, HLM97, JP94, Joh87, Kel73, Lee07, MAA+05, NRA+07, PLK09, et al].

Programs [CD85, Dor60, Fer75, JEE88, KSW74, Kru84, NSS85, SK80, Urs75, ABF+10, Aus90, CJ91, SSW91, Sta9a, SZ91]. Progress [HCTS81,
JS81, ARS+17, GNF06, MAG+10, Sam67.

Progressive [CBK+98]. Project
[Ana80, BKN10, CIE+03, RBB+02, SPP+05, IBM13b, VRL10, WGF+06, Buc62, IBM08, 
NNN+06]. Projection [DC82, DSRC98, LC82, MHI98, Mjd70b, SW98, DEG+01, 
MAD+98, RDD+98, SST+98, SS00].

Projections [WM81, O‘C89]. projects [CM19, LHS+17]. Prolog [Arb86, AKE+92].

promote [SR19]. Promoting [LH03]. promotions [SMSC14]. Proof [CLW79, Dan60, Knu90, PV93, Gil60].

Proofreading [TSNF88]. Propagation [Bay69, Bei74, 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, Flu67, FN95, Gun66a, Gun66b, 
HK64, HM60, KP79, Key61a, KL80, Kle64, 
Log70, Lud78, MU77, MY67a, MY68, Mil83, 
NRRB70, OMAW60, PDLM67, RS59b, 
SD85, Smu77, SG77, SSTF77, Wei65, Wol70, 
Von70, AF68, AW98, BS72, FL89, How89, 
KLS+05, Kri82, Mat70, Pua89, Pri73, 
RDD+98, SHCV19, Spr71, SN98, SHCS05].

property [Lew78a]. Proposed
[SB64, CJM96]. propositional [Fag77].

prospects [Agn02, NHKI03, SKB+11]. protected [Irv89]. Protecting [BBK+16].

protection [BFH+93, FNS+17, GDA14]. protective [LG88]. Protein
[KWN01, EHLSW01, RQBW08, TMS+01]. proteins [FXL01]. Protocol
[GHW+20, WZ78, Wes78, AEH+04, SC20].

proton [ZSZ96]. Prototype
[MHI98, FGP+85, KBF+97, MAD+98]. Provides [Ost84]. Providing [FP83].

Proving [Bir74]. provisioning [GJB+08, LSS14, SBB+09]. proximal
[MTF+95]. Proximity
[GSC80, Par80, PS80, BGK+82, GC93]. Proximity-Effect [PS80]. PS [AHH+91].

PS/2 [AHH+91]. pSeries
[BKRF02, GBRJ05]. Pseudo
[Ano66j, Bla65, CCM65, Meg62, VSF65].

Pseudo-Noise [Ano66j, Bla65, CCM65, VSF65].

Pseudorandom [RB90, RT99, AEG+02].

pseudorandom-number [AEG+02].

Pseudoternary [Cro70]. PSG [KH75]. PSI
[Bar75, FLKA84]. psychiatry [PCW+17].

psychology [KLMV19]. Pt
[DV81, Dem78, HBR85, HBR86]. PTP
[GHW+20]. Public
[Kov06, AWK20]. BCC+16. publications
[Ano90c, Ano92e, Ano92f, Ano92g, Ano93e, 
Ano94j, Ano94k, Ano94l, Ano94m, Ano94n, Ano94o, Ano94p, Ano94q, Ano95i, Ano95j, Ano95k, Ano96g, Ano96h, Ano96i, Ano96j, Ano96k, Ano97f, Ano97g, Ano97h, Ano97i, Ano98g, Ano98h, Ano98i, Ano98j, Ano98k, Ano99f, Ano99g, Ano99h, Ano99i, Ano99l, Ano99m, Ano99o, Ano00g, Ano00h, Ano01i, Ano01j, Ano01k, Ano01m, Ano01n, publish [SCW10].

publish/subscribe [SCW10]. Published
[Ano57k, Ano57l, Ano57m, Ano57n, Ano58j, Ano58k, Ano58l, Ano58m, Ano59f, Ano59g, Ano59h, Ano59i, 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 [BR09b]. pump-scheduling [BR09b]. Pumped
[SLHL66, HA71, SLHM67]. purchasing
[YGR14]. Pure [MN67a, Sho04].

Pure-Tone [MN67a]. Purpose
[Tay81, ATL+88, DAUS91, Gra69, LH84].
pursuit [LQRS04]. Pyrolytic [Kle64].

Pythagorean [Dub83, FS90, MM83].

Q [BCK13, ABB+13, BSJ+13, CCD+13,
CP13, C/KL +13, CHT +13, EO13, EWS +13, MP88a, MP88b, OWG +13, PMLA88, PM88, R/B +13, SCG +13, IBM13a, IBM13c.

Q-Coder [MP88a, MP88b, PM88, PMLA88].
Q-box [Gyg08].
QCD [BCK13].
QDCD [BCC +05].
QDSP [BCC +05].
QR [EG00].
QS22 [VLB +09].
QSAR [PPG +01].
quadratic [Ger73].
quadrature [MR72].
quadratures [MY65].
quadrics [O'C89].
Quality [Cle83, CEY84, MJS70, MCH +82, BTW92, CT06, CPC18, ESM16, HBC +99, OEN +16, SHC +72, Sta97].
quantification [Gil60, MWEJ05, Mon82b].
Quantifying [NQ20, QGT13].
Quantitative [BWK20, KM74, BNN +09, MS07, PWFB91].
Quantities [El 74, Agi74].
Quantum [GS70, LBT99].
Quantization [GS70, LBT99].
Quantum [Azb88, CGR88, FS88, Gar88, Gia66, GMW80, Heb64, HHH04, HMK01, SB64, Whe88, WS64, WA79, ALH95, BMH04, CRAG18, Gou89, Joz04, Pri66, Sho04, Smo04, VBC +08].
Quarter [HCTS81, JS81, HBP +81].
quartz [KM93, Rat68].
Quasi [BEH +89, EHK +89, SBG +71].
Quasi-elastic [BEH +89, EHK +89].
quasi-steady-state [SBG +71].
Quasidynamic [Cha62].
Quasimaximum [Sta73].
quasiperiodic [HM89].
qubits [Woo04].
Queens [SS87b].
Quenched [LF64].
Quenching [Boe69].
Query [ADST78a, SFT78, ADST78b, BYY98, NMT14].
querying [EWB09].
Question [LPM +12, Pla76, BCD +17, KPB +12, TOKN18].
Question-Answering [Pla76, BCD +17].
Questions [Ver88, Fre04, PBCC12].
Queue [Cal81, Cha74, GS75, Low74, BZ06a, Sta75].
Queueing [CHW75a, CHW75b, CMS85, HWC75, Lam77b, LS75b, San81, Sch63, BGK62, SMS80].
Queues [Cha75b, SS82].
Queueing [RK74, RK75, BK61, Lam77a, MHI01, Mat03, Moo72].
Quickly [BD96].
Qx [SM98].
Qx-coder [SM98].
WNBP91, Zie98, Arc93, GHP+93, GC93, JS00, LL93, SF93, See93, SMVK90, SRO93, SS93, SA00, WSK+93, Wil93]. ray-tracing [WNBP91]. Rayleigh [Poh79]. Rays [ZS96, Zie96]. Re [MJS70, Kri82]. Re-Emission [MJS70]. re-order [Kri82]. reach [CPvR00]. Reaction [Pan78, MMV+01]. Reactions [BLR84, HBR85, Lun79, HBR86, SLZL18]. Reactive [AS78, Kuo92, JL90, RKL88b]. reactivities [MMV+01]. Read [Cli90, FMP61, Has66, JT66, KJMS67, MPST66, Sie63, TK64, ILH03, TFL+98]. Read-back [Sie63]. Read-Only [Has66, TK64]. read/write [ILH03]. Readability [DRSM15]. Readback [TT75]. Reader [CK63, AAH68, Bar68, Hen68]. Reading [Ost84, Wal58]. Reading/Writing [Ost84]. Readout [ABPS66, Bro72]. reads [LPM+12]. Real [Bev69, BFRT13, DR82, HLS81, Her75, Jam81, LPMGD14, OO81, PSD+17, Soh76, SSB+12, ASR07, BSN+12, CGM+15b, EGH+86, HKA+13, KZP03, KCH+09, NMH+07, ODL+09, Osh93]. Real-Time [DR82, HLS81, Her75, Jam81, OO81, Soh76, Bev69, BFRT13, LPMGD14, PSD+17, SSB+12, ASR07, BSN+12, CGM+15b, EGH+86, HKA+13, KZP03, KCH+09, NMH+07, ODL+09, Osh93]. realization [Bei92, Gil60]. realm [OYHSB14], reasoning [Di 88, MDH+12, NS92]. Reassembly [Str81]. Receiver [KT73, VSF65, RFB+03]. Receiving [Raa76]. Recently [Ano62f, Ano62g, Ano62h, Ano63f, Ano63g, Ano63h, Ano63i, Ano66f, Ano66g, Ano66h, Ano66v, Ano66w, Ano67a, Ano67b, Ano67q, Ano67r, Ano67y, Ano67w, Ano67x, Ano67y, Ano67z, Ano67v, Ano67-27, Ano94c, Ano94d, Ano94e, Ano94f, Ano94g, Ano95d, Ano95e, Ano95f]. recessed [OG80]. recipe [DL02]. Recirculating [Sch63]. Recognition [AAH68, Bon62, DFM+88, Dav58, Die60, GHK057, KT66, Kur87, MD65, Mer88, WR83, ACC+15, BHP17, BHW+17, CNP+17, DDMS92, GMNE63, HM71, KL63, LJ+07, MCS7, SP17, Tap82, YAH+96, YGS1]. recombinant [NBF+00]. recommendation [HRZ14]. Recommendations [WZ78]. recommender [VVHL16]. Reconfigurable [Elm84, KZP03, MN97, VRA+09]. Reconfiguration [CHY92]. Reconstruction [PL81, Sta67, LHIJ69]. recorded [BD74]. Recording [Bra79a, CM74, FK62, Gre79, Hoa58, Hoa61, Ku63, KC66b, Lor70, Pat75, Pol78, Sch85, Sea58, Sie63, SM66, SW74, TT75, Tan74, ABR71, AR98, ABB+08, BP88, BE03, CBH+05, Hoa00, How89, Hsi99, KT70, Kob71, NDM+04, SHY90, SHY00, TFL+98]. recordings [WSCK17]. Records [CLW80, GA68, Sha12]. Recovery [DMP59, Lew80, Pat80, SL09, SLP+20, AAP+09, BGS13, GBJ+08, Gri69, OHK+07, PWW13]. Rectangular [Coo82, MS60b, PH74, WWMS79, Jon72]. Rectification [MG62]. Recurrence [Kog74]. recurrent [SP17]. Recursion [Gus97, EG00, GJ00]. Recursive [Goz94, Her72, HWC75, Pis74, Ris72, Str68]. Redefining [RMM20]. redistribution [TKK+92]. Redox [FLB+19]. reduce [CFS+19]. Reduced [BBH+95, Kri82]. Reducing [CHMW07, WF87, GB93]. Reduction [ADH70, AdH00b, Bla63, CM80, DG84, DGB78, FC79, GT80, Kob70, She59a, TLR85, Vil82, BZ06a, Bev69, FDS+13, GWB+17, Gre59, Hei80, LL99, TW69]. Redundancy [BR82, Fle58, LV62, Skl76, SMD80, BBI94, Gla97, Irv89, Irv01]. Redundant [FT80, HBB+07, MLMP+12, MW+07]. Reed [BP75, Bla4a, Bla4b]. Reengineering [GE02, GW18]. reentry [MMJ69]. Reference [Eas75, Eas78, VDG19, KGT88].
References [FGS75, Lom75, BGW91]. refill [SLYRT2]. Refinement [MR87].
Reflectivity [Heb64, PW68]. Reflector [NGMW57]. reflow [Mah93, Mii99, Mii00].
Refractive [PLS1, PC64, WL73, BGO03]. regarding [Tl90]. Regenerative [HS58, LS75a, LS75b, SS82, LS77]. Region [Gef88, BFG96, SWC95]. Region [MWN63, Sha58a, Bra72b, Les71]. Regional [Lew83]. Regions [RF78, GH917].
Register [Bau74, CT76, BMK95, Gus76a, Gus76b]. register-renaming [BMK95].
Registering [RWC80]. Registration [DMWW77, Dav80, Pri94, RG96].
Regression [Lew78a]. Regular [Ano01a].
Regulation [BDMW81, DPR86].
regulations [CNG09]. Regulatory [Pea90].
reinforcement [NBM99]. Reinventing [JWZ99, ODA08]. Related [RP67, SAR90, Smi77, WB70, FL89, Grier99, JS00, Kef89, KFSZ92, MNS96, SNM99, VMAB81, WL73]. Relation [Ben59, MJS70, Mic78, WKF92].
releases [MVI97]. Reliability [DW58, FCS04, Fli58, FL59, FGH96, HBB99, HCST81, LV62, NL69, Obb84, OG50, Stoa2, ABC99a, Buc99b, CGLL93, CAK+15, Ibe83, LH84, Luc99, MSSM07, MCH+82, WBS+8, YCB05]. reliable [ACD+95, CDC96]. relief [Cha69].
reluctance [OCR98]. remanent [BD74].
renaming [BMK95]. renderer [DAUS91].
Renewal [FL59]. Rent [LFR05, VLTW14].
Reorganization [BF77, PAZ75]. repair [BM93, WWA98]. Replacement [FLW78, CHMW07].
Requirements [Cro79, GY95, MR76b, Agn02, JS99, LFR05, LS97, MNW72, RB9, SPP97]. requires [KSA94]. Requiring [Car60, WR3]. Res [ACG87, Ano93c, Ber76a, DGB77, Lan96, Sta75, Wie76]. Research [Age04, Age05, Age08, Ana80, BYY98, Che06, Che08, Coo82, Gar00, Mar62, NRD99, Nor58, Ros03, TFR96, Tsu80, WH94, AG06, Ano62e, BFE95, Far98, GDL94, Jec88, LH93, MDH+12, McC69, Nis92, OMA+96, SXY92, CMS85, DR08, LH93].
Reservoir [ET86, RBL99]. Residual [Cas60, Fre62, KDBT60, SC88, Ano71]. resilience [BSK98, KEK92, QGT13, SKK98].
resiliency [EDGL13]. Resilient [SHV13, BGS13, IS20, PW13, VAB+13]. Resin [MS60a, GA88]. Resist [Gil84, KP80, See93, CH82, Duk93, HMM82, Ito01].
resist-patterned [Duk93]. Resistance [HAE58, IM57, JJ64, Lit62, Ros78, Rut59, Rut64, Sak79, SS88, KMB98].
resistance-change [KMB98]. Resilient [ABB85, BCD85, CS85, Gru79, LM85, LeB62, PC85, RP67, SD85, Tw85].
WWMS79, DKA+05, JAC+19. Resistivity
[KBDB76, SC88]. Resistor
[CP63, Ove70, Kah71, KM68, RH73].
Resistor-Coupled [CP63]. Resistors
[KL80]. Resists [MW80a, BLDM97, HHSW01, Ito97, Ito00, MAG+01].
Resolution [BJS80, Bro88, DC82, Gar86, Hoa58, JW82, KKK61, Kra81, LY83, SW98, Sie63, Bat00, CH7TG92, LPPT86, LL98, LMW+01, MBB+01, FGN88, SST+98, ST17, TPC, SPP].
Resolved [LL98, LMW, SW98, Sie63, Bat00, CHTD92, MPPT86, Hoa58, JML82, KKK79, Kra81, LY83, MK80, Log70, LMD70, MU77, Maz70, Pen69, Pen79, PDLM67, SK69, SJ79].
RF-sputtered [MU77]. rf/analog
[HNS+03]. RFID [RM09]. Rheology
[WJ77, FGMPK05]. rhodamine [HA71].
Rib [Ham78]. Rib-Supported [Ham78].
Ribon [ABB+85, Bat87, BCD+85, CS85, He79, LM85, PC85, SD85, Twa85]. Rich
[KEJ87]. Righi [Pir58a]. Righi-Leduc
[Pir58a]. Ring [BS85, Fan61, TK64, HHA93, OCB+90, WSK+93]. ring-disk [HHA93].
Rings [CGR88, Str83]. Rio [TPC+13].
RISC [BKM90, FTA+94, Gro90, HM90, Mar90, MHR90, OG90, RB90, War90, Aus90, BCJ+96, BS95, CMR+90, CM90, CM00, WD94]. Rise [Lin67]. Risk
[GSAB93, LSS14, RM10, AHW20, BKN10, BMF+16, CKE+10, DB20, DKJ14, EPP10, FM10, HS14, HE10, KOP14, KEK20, MR14, MS07, RAR+14, SBD+10, YAS07, vKCD+10].
Risk-based [LSS14, MS07]. risk-metric
[FM10]. Risk-pooling [GSAB93]. risks
[BC90, ITS+15, Jen10, SSK+16, SP14]. Ritz
[BS72]. river [EWBR90, KCH+90]. RKKY
[Kuz70]. RKKY-Type [Kuz70]. RNA
[BD62]. Roadrunner [KGBB09]. roads
[BCSE89]. Robin [Tak87, WC75]. robotics
[Kis96]. robots [Mey81]. Robust
[WB+15, ATW+08, NCM+01]. rock
[Mon82b]. Role [Ast58, AAC+06, BJ06a, Far98, GMX14, Tur69, Van97]. roles
[DKY10, KLSR96]. Room [BN63, JWSP06].
Room-Temperature [BN63, JWSP06].
rooms [Fro71]. Root
[Kog59, MIR96, AN66, Pon17]. root-cause
[Pon17]. root-locus [Dan66]. Roots
[Che72, Jam89, MM83]. Rosetta
[RQTBW08]. rotated [Rat68]. Rotating
[BT78, FT77, Gre79, DR93, HHA93].
Rotating-Head [FT77].
Rotating-Head/Tape [FT77]. rotation
[Kel89]. Rotational [She59b, Les71].
Rough [GH86]. Round
[Tak87, WC75, EC71]. Round-Robin
[Tak87, WC75]. route [SG94b]. router
[HTH+99, PVDF95]. routes [SS20].
Routing
[Fra83, Hai85, Lin84, HHSR96, KJS09]. Row
[McA83]. Row-By-Row [McA83]. ROW
[RP66]. RP3 [BCR91, CJO1, KN91a]. RSP
[MP82]. Ruby [SLLP64]. Rule
[EP86, Dor62, Tib93]. Rule-Based
[EP86, Tib93]. Rules
[Pet77, LS77, MC87, MR72, vv86a]. Run
[Fra70, KL97, WG504]. Run-control
[KL97, WG504]. Run-Length-Limited
[Fra70]. Runge [War63]. running
[WW10]. Runtime
[CLP+13a, FDS+13, EO13, KRD+14].
S [ABC+99b, ABB+99, CP99, DSM+99,
GPE99, MAF+99, RGP+97, RKW99,
SCW+97, SG99, WMH+97, GP81, CS99,
DGL+97, ECD+99, Gre97, HBL+99, JL99,
KBM+99, KL97, Mau97, RHM+99, SSM97,
SK99, SCC+97, SMK+99, TMB+99, Van97,
WL07, Web00, WB70, YS99, ESW+95,
GLOS92]. S/390 [ABC+99b, ABB+99,
CP99, DSM+99, GPE99, MAF+99, RGP+97,
RKW99, SCW+97, SG99, WMH+97, CS99,
DGL+97, ECD+99, Gre97, HBL+99, JL99,
KBM+99, KL97, Mau97, RHM+99, SSM97,
SK99, SCC+97, SMK+99, TMB+99, Van97,
WL07, Web00, YS99]. Safe
[COC61, Gau77b]. SAFEPRO [OHM+85].
Safety
[HT16, BW16, EBI+16, WSE+16, YT16].
SAGE [AHJ+57]. Sales
[BCC+12, TWM+14]. Sales-force
[BCC+12]. Salesman [HHJW84, Ray69].
saliency [ATC+15]. salute [FvGM90].
Samarium [SS61]. same [BWB+20].
Sampled [GKH67, KST58, Sta67].
Sampled-Data [GKH67]. Samples [DO74].
sampling [Sch96b, Wie90]. Samuel
[WM92]. SAN [DHC20]. SANS [DBC+06].
Satellite [ANO66, Bla65, CR76, MG62,
PL77, RS79, ESS+20]. satellite-derived
[ESS+20]. satisfying [RMM03]. Saturation
[SM66, TT75]. Sb [BS64, LMP69]. SBC
[CGLL93, Cor93, GLCW93, Mah93,
RBWH93]. scalability
[AAB+10, BZ06a, WYO04]. Scale
[BSS82, BBH+67, CD85, CP77, Mic78,
Mon82a, ODA+08, LHR85, AG06, APOI92,
BKF+16, DLJ+08, Duk93, D¨ur94, EMM+18,
ETW008, FGG+13, GGG+13, Hdt906,
HBT+16, KJS09, LSW13, NV+09,
RBB+02, RBB+11, SCC+15, Sofi3, TSH29,
VNT16, ZSY+13, CAS+11]. scale-out
[AG06, FGG+13]. Scaled [LeV77, OKI+02].
Scaled-Up [LeV77]. scales [HE10]. Scaling
[ABB+08, Buc99b, DT08, FRR+08, Agn02,
AAC+06, CFW82, Fra02, HND+06,
MDB+02, Now02, SWC+95, TMF+95,
Taul2, WVN+02, Ano06b]. scan
[BTP+90, CNSS12]. scan-initialization
[CNSS12]. Scanlaser [MP67]. Scanned
[McA83]. Scanner
[Bra80, Cla79, DSW82, Kan78]. Scanning
[AMGC86, APS86, Ano86c, BMGC86, BRR00,
CW86, DHTW86, DV74, DPR86, FF86,
Fin86, Gar86, GH86, Gom86, HBR85, KJ86,
KWB88, MHK+11, Pet80, Poh86, SB86,
WKB86, vv86b, All00, BHR872, BNT86,
DAB+97, D¨ur94, Far82, HBR86, KKT+95,
Poh95, Sto91]. Scattering
[Lan88, Lan57, Lan96, Lan00b]. Scattering
[Dav69, FT64, Hyn59, Kra81, Pen79, Poh79,
RSSS82, Spe69, Tie61, BEH+89, CJ78a,
Copp00a, EHK+89, Haa70, JIS00]. scenario
[NML+20]. scenarios [EPA+15].
SCEPTRE [Sed67]. scheduled [MV+07].
Schedules [FL75, LF77].  Scheduling
[AS74, FL76, GAC85, Her75, LS76a, Nor58,
Tak87, Wit85, WC75, BCE+07, Bla94,
BR95b, CSW73, FW83, FN95, GR90, HS91,
LMHM96, VJA07, War90]. Schema [CA84].
Scheme [Gra80, Hop59, Lom75, Pat80,
PRY65, RS79, AC84, BSSZ76, BHM04,
ESA02, Mir72, TMS+01, Vor71]. Schemes
[CA84, Kob70, RP70, Yas85, Yas87, AW82,
EHLSW01]. Scholars [Gar00]. Schottky
[AA71, DS70, Fu83, FN95, GR90, HS91,
Kov06, Opr03, Wie58, WH94, CDS
04]. Schottky-Barrier [DS70, Mid70a, Wolf70].
Schweitzer [Sit87]. Science
[CCD+13, Che06, Che88, DHTW86, Gom87,
Goo58, Hor73, KN81, Lip92a, Mit94,
ODE+99, PMS+17, RB92, Sor79, Sor00].
scientific [HPW
second-level
BBK
Scientific
[HPW
second-level
BBK
Scientists
Scorecards [HS14]. Scoring
[He10, WKF+12]. Scrambler [BBI94].
screening [YCB05]. Script [Tap82]. CSI
[BBF+04]. Scylla [HHH04]. SDH [Cla03].
SDH/SONET [Cla03]. SDRAM
[VLT+12]. Sea [FA70, Vur70, Kus70].
Seamless [MBK+15]. Seamlessly
[AAM+07]. Search [CCFB+12, GS74,
SS87b, CBK+98, CHG04, DMG+17, GYK99,
Rai69, ST17, SS86, WML+16]. Searching
[Luh57]. SEC [HS70]. SEC-DED [HS70].
Second
[Bog79, SM62, Trl58, HPW+02, WBH+04].
second-level [HPW+02, WBH+04].
Second-Order [SM62, Trl58]. secondary
[CHL+11, DP80, Irv01, Sp094]. Section
[Ano67u, Car81, MJB69]. Sectional
[TT198]. Sections [HAMC+04, Les71].
Sector [Kov06]. Secure [BBGE+14,
BBK+16, BBB+20, ACD+15, BH19,
KKT09, KMM+16, WMK20, RBL+18].
secured [BMM+20, HSS+10]. Securely
[BC18]. Securing [DHC20, KAD+16].
Security [ABB+16, BCG+09, BGM+16,
HT16, HG14, RAO16, RCP+16, VV14,
AAJ14, And10, BCF+16, BCH+16, BBC+09,
FKW16, HLM+09, KKB+90a, KMO+14,
OYHS+14, PP09, SHL07, SSK+16, DHC20].
Segment [Ber76a, WW75, WW76, Bw97].
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[Gaz78, GRSW86, PLS20]. selected
[DP13, How89]. Selection [BHR77, HHH66,
Sea58, TLR85, Sar97, WML+16]. Selective
[GBBM90, RS79, GSAP17]. Selectric
[Wil85]. Self [EL83, FE75, GRT74, HBL+99,
HBL+02, HO75b, OCB+90, RWC80, Sea57,
SWD74, TDM+87, TH64, Whe88, BRB+07,
HLS+10, HM+90, KS90, RB90, Sar91b,
Shi73, Tag09, Vor71, DBC+06]. Self-Acting
[SWD74]. Self-Adapting [DBC+06].
Self-Aligned [TDM+87].
self-approximate-optimal [HLS+10].
Self-Clocking [HO75b, Sea57].
Self-Directional [GRT74]. self-focusing
[Shi73]. Self-Improving [FE75].
self-isolation [Vor71]. Self-Magnetic
[TH64]. Self-Registering [RWC80].
self-service [Tag09]. Self-Synthesized
[Whe88]. Self-Test
[EL83, HM+90, KS90, RB90, Sar91b].
Self-testing [OCB+90]. Self-timed
[HBL+99, HBL+02]. self-boot [WMK20].
seller [Sav69]. Semantic
[SW86, Alf89, SCC+15, WN92]. Semantics
[FLDC+86, Luc81, AR87, SS87a]. SEMD
[ZHR+18]. Semi [OG80]. Semi-Recessed
[OG80]. Semiconductor [Pena69].
Semiconduction [Swa57]. Semiconductor
[Aic84, Att92, BHV85, BKP82, BCGS81,
CDD82, CH84, FLB85, FF86, HMOS81,
HMO81, Han57, Han57, HCBA82, Hoh78,
Hor62, KH88, KMCY82, LB55, Mra64b,
PH79, RTL09, RHM63, RWL81, Yu61,
Aas70, AW+99, BNT86, BRB+07].
Short [DY89, GAC85, Jam89, SL67, GWR90, Shi73, SSB+12].
Short-coherence-length [DY89].
Short-Term [GAC85, SSB+12]. Shortcut [HT69]. shortest [HW72, HT69].
Shubnikov [Bro66]. Shutter [COC61].
Shuttle [Sk76]. SI [GDR70, CFH64, Jon65, KG80, KEJ87, KACS95, LFC95, Mey90, Mey00a, Pan78, Pes71, PRY65, RF78, SSF11, Tu90, WTS+11]. Si-Fe [Pes71].
Si [GDR70, CFH64, Jon65, KG80, KEJ87, Kra81, KP80, LL83, LB55b, LS75a, LCH74, MJ64, MME+97, Par66, SBT87, Sti79, TGL+12, VSF65, AKRS04, ABM+01, BH11, BGL07, CH06, Dan66, DT08, DLJ+08, Duk93, EWBR09, ETWO08, GZE+05, HKLM97, Ham99, Hei80, JZ91, KKM02, KBB+09b, KWH+12, KLE71, LS77, NDM+04, PBC+06, PZGL91, SMP+04, SS82, Sta89a, SvBC+04, TMF+08, Tib93, Van97, VMG99]. Silicon-Dioxide [Moh70]. silicon-dioxide-based [WNV+02].
silicon-gate [BBH82]. silicon-on-insulator [IBF+11, SRH+18]. silicon-silicide [Tu90].
Silver [JC63, MFS+11, WTS+11]. SimAPI [HKLM97]. SIMD [CBB+05, SKP+15].
Similar [Hau67]. similarity [FRPG01].
Simple [Dod63, GMT57a, GMT57b, Knu90, Emm97, Fre04, JL90]. Simplex
[Dan60, Tom72]. simplification [MD12b, MBB+18]. Simulate [NM65].
Simulated [CCP85, DKN87]. simulating [Oht95, OIM+13]. Simulation
[ADG+92a, BBHS84, BF69, CD78, DS65, EHH67, GKO57, GC81, HS85, HW81, Hui90, IJS+83a, IJS+83b, KGCS85, Kra81, KP80, LL83, LB55a, LS75a, LCH74, MJ64, MME+97, Par66, SBT87, Sti79, TGL+12, VSF65, AKRS04, ABM+01, BH11, BGL07, CH06, Dan66, DT08, DLJ+08, Duk93, EWBR09, ETWO08, GZE+05, HKLM97, Ham99, Hei80, JZ91, KL97, KKM02, KBB+09b, KWH+12, KLE71, LS77, NDM+04, PBC+06, PZGL91, SMP+04, SS82, Sta89a, SvBC+04, TMF+08, Tib93, Van97, VMG99].
Simulation/evaluation [MME+97]. Simulations [Cle81, EKS+04, BS91, CA01, DKA+05, ESH95, FRE+08, HDTR06, PSP06, ZEH+08, ZHP+18]. Simulator
[BHV85, ST75, BJW72, vBBE+02, LB84, SBP+03, TAE+07, CR84]. Simultaneous
[An05c, Bre72, Sau81, ABB+15, Bra72a, LPPT86, MMM+05]. Single
[BGR82, Boy60, BS64, Cam57, Dav77, Fre62, GRH+08, GMW80, Hal76, HCS80, LM85, LS64, Lik88, Mar60a, Mee67, MRG99, RBC78, RWC80, Wor06, BH89, CDM89, Cla03, CH82, DTH92, HMMS82, MRH89, Tan08, WGS04]. Single-Chip
[BGR82, Cla03, DTH92]. Single-Crystal
[Boy60, Fre62, Mee67, BH89]. Single-Cycle
[RBC78]. Single-domain [Wor06].
single-event-effect [Tan08].
Bil72, BH80, CHG04, Dan66, KBA07, KRC68, Lee07, Mas97, MDN+18, Mic59, Sug59, VSS+09, Whi72. Solution-grown [FPS66, PF66]. Solutions [Ano19i, BT78, Hau96, Kiz70, SLA+15, Swi62, Bra72a, DGH+14, DP13, DP68, FCP+05, HHA93, JKB+13, Jun10, Mir61, RBL+18, TTM+20]. Solution [Cle81]. Solvent [Cle81]. solvents [Yan71]. Solver [Coo84]. Solvers [ET86]. Solving [ADST78a, Bre72, GR58, Tuc60b, ADST78b, Mic72, WYF+03]. Somatosensory [UC62]. Some [AF68, Ano59n, AFR62, BTH62, Bon64, BS71b, CK79, Coo62, FL67, FP83, GS70, Gor63, HBL62, Ins76, JN82, Kuz70, SLA+15, Swi62, Bra72a, DGH+14, DP13, DP68, FCP+05, HHA93, JKB+13, Jen10, Mir61, RBL+18, TTM+20]. Solvated [Cle81]. Solvents [Yan71]. Solver [Coo84]. Solvers [ET86]. Solving [ADST78a, Bre72, GR58, Tuc60b, ADST78b, Mic72, WYF+03]. Son [Tod78a, TW85]. Source [GS80, Arc93, BBE+20, 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, Skl76, TY64, Ne90, SKC+10, Woo04]. Space-Charge [TY64]. Space-Charge-Limited [Mag73, MS60a, HC69]. Space-Division [HP84b]. Spaceflight [Jan81]. spacetime [To604]. Spacing [Cha73b, TT75]. sparse [Gup97, PS91, To79, Tom72]. sparse-matrix [Gup97, To97]. Spatial [Fan64, FF73, Ho66, Lan57, Lan88, Lan96, Lan00b, SGY+98, WPH69, YL98]. spatially [HdTR06]. SPECF95 [CP97]. Special [Ano67u, PBCC12]. Specific [HKM+86, MDJ+70]. Specification [BHP83, LN79, MR87]. specific [MS89]. Specified [Pat70]. Specimens [Keh65]. Speckle [AL76, Gab70]. Spectra [Bro62, Hua79, Jon70, MJJ69, SG64, WA79, WC69]. Spectral [BLLS79, HW81, Bar86, Bra72b, Tue68]. spectro [SA00]. spectro-microscopy [SA00]. Spectrochemical [AC64]. Spectrometer [Lev66, HIF69]. Spectrometry [SF77, Sp94]. spectromicroscopy [CHL+11]. spectrophotometric [Gra69]. spectroscopies [FNRF89]. Spectroscopy [CW78, Gar86, GHFW82, KJ86, RF78, THv70, ARM+01, Hun71, JKG69, SKB+11, SF93, Sek93, SN98]. Spectrum [Wei61, Yet89]. speculative [OWG+13]. Speech [DFM+88, EKMW64, LV+14, Mer88, BHP17, MC87, SP17, TOKN18]. speech-based [TOKN18]. Speed [AFL62, BHWZ63, Car60, CEY84, Dav82, DB76, Gre79, Har63, Hop59, KJMS67, LV67, Lew83, MM75a, MPST66, Pre66, Wei79, Woo75, ZL87, BJM+06, BCF+07, BGK+82, CNL+19, DKR+90, FXB+10, FMP+03, HVK+90, HDW+07, Ism00, KB06, Lin81, MKW+05, MPH90, Nob95b, SGS+20, Sto70, Ung72, VW78, Wie90, ZG71]. Speeds [TW74]. Spelling [FZ88]. Sphere [NM65, Sat63, Dav69]. spike [TYM+14]. Spin [All00, Bro62, Ha70, Hor57, Mas62, Sun06, Was77, ZB06b, JW80, Ke89, Nes98, TFL+98]. spin-dependent [Nes98]. Spin-disorder [Ha70]. Spin-polarized [All00]. spin-valve [TFL+98]. spinels [Haa70]. spines [TMW+17]. Spinning [CSS83]. Spintronics [WCT06, ZFE06]. Splatter [Zab77]. Splines [Ins76, Dim78]. Split [PK61]. Split-p [PK61]. Spoken [KT66, AR5+17]. spread [BMF+16]. spring [BW72]. spring-driven [BW72]. Sprays [Hau67]. Sputter [CW78, MSG72, Ros99, JL90]. sputter-deposition [JL90]. Sputter-etching [MSG72]. Sputtered
SQL-based [KBA07]. Squares [Che72, HBC70, Jam89, MM83]. Squarylium [Cio86, Goz94]. Squares [Che72, HBC70, Jam89, MM83]. SQUID [KKT]. SQL [KBA07]. Sputtering [CGHK77, KP79, KS79, KM70, Maz70, PDLM67, SJ70, KM00]. SQL [KBA07].

State-of-the-Art [CH84]. Stateless Statements [VDO14]. Static [Cha62, Cor84, Mid62, CTT91]. Stationary [LS76b, Pai72, Boh73]. Statistical [BNW99, How89, HRS07, KMO64, LS76b, Osb93, Pri58b, TAR84, Yas87, BTWY92, Fer70, KSSC+13, Luh57]. Statics [SAR81]. Status [SP90, Bar62, SKB+11].


STM [ARM+01, ALH95, CWC95, MPD86, RCH+86, Vl86]. STM-excited [ARM+01]. STM/STS [ALH95]. Stochastic [AP69, Ast67b, LS76a, PS86, el 69]. stock [Her72, NBF+16]. stop [ESS+20, Mer04]. stopping [LS77]. Storage [AKK+67, BF77, BGM+67, BM96, CT76, Cho74, Cio86, DR89, Eas66, Fal70, FB78, FC79, FW08, GL67, GA84, GHFW82, Hoa61, JMF96, Kan74, Lon75, Lon76, Lon80, MS75, Mul74, Pat80, Pet85, Win70, van72, van73a, ABE+02, ADS72, AAB+14, ABB+12a, ABB+06b, BAB+18, BS03, BBC+08, Bro72, BKS+08, BGJ+17, CPT+08, CMR+90, CAC+13, CDC96, CHJ+18, DM03, EOH10, FGH+06, GBJ+08, GAB+08, Grij69, GJ00, HKA+13, HYA03, Hoa00, HCK+05, ILH03, IS20, JL99, JS72, KAB+12, MDJ+08, MTF+95, MA96, MC87, NFI+08, ODA+08, Okl03, OCT68, PSA+08, Pat89, Poh95, vdP72, RCFN+08, SGG+96, SLC09, SMC+14, SG94a, Sou96, Ste81, Sur15, TB00, Tue76, VDD+00, WSK+93, van73b].

Storage-Channel [Cio86]. Storage-class [FW08, BKS+08, Sur15]. storage-hosted [CPT+08]. Store [Ahu80, CM80, Has66, JTG66, MPST66, SL76, BZ06a, MHR+15].

Store-And-Forward [SL76]. Stored [EKM64]. Stores [TK64]. Storing
STORK [dTGHC92]. Straight [Tay79]. Strain [CGLL93, KS01, Seg62, Sni80, SST69, AAC+06, WGC93].

Strategic [Nun09, PKKK07, KRTN+12, RAR+14, WCK+07]. Strategies [CFL73, Her75, WN92, BBD+02, TGL+12, TKG89].

Strategy [DR08, MM82, CHG04, HKR+97, MAF+99, TFL82, WAB+05]. Stream [Bur75, HKA+13, SM71]. streaming [WLKS98, ZSY+13]. Streams [HAG+13, SS76, KCML13, VMAB18].

Strength [CM80, Keh65, Sni77, Cop94]. Stress [CS65a, CN79, CEHL78, FMS+92, Fre62, LR65a, SM62, Tan74, BBF+05, Cha69, Fji92, HRS+95, Ibe03, You90].

Stress-induced [FMS+92, HRS+95]. Stress-Insensitive [LR65a].

Stretch [Buc62]. stretching [LC83]. Strings [Eas75, KGT88].


Structural [CF64, EP86, FFH64, FWW88, Ham78, Hoa58, KWS3, Wei65, BGK+82, BFH+93, CJS8a, CPT98, FLP90, FHP01, GJG04, Gus03, HHH+89, HS71, KB06, Lud00, MMV+01, SLYR72, SHTP11, TMF+08, Tu90]. Structuring [Urs75]. STS [ALH95]. student [WA15]. students [ITS+15]. studied [Lud00, Ros00, SN98]. Studies [BC60c, BA69, Bru78, DHTW86, DA77, FL59, Lun79, MP67, Sam59, Sam67, SLHM67, Sp94, BEH+89, CSH+89, EHK+89, FNRF89, GDL14, HMO61, HF91, JSS0, LFC95, Mat95, MMV+01, Sam00, TWRW89].

Study [Ada80, BBS78, BP84, BFT79, BT84, CEHL78, CK63, Die60, Fan61, FT77, Fuj92, Gia75b, Gre79, Hor62, HRR85, KW83, Lev77, Lye77, O’H87, PSE+99, SS87b, TMD+87, Tri58, AO97, BWW91, BHDO59, CSW73, CWW95, DSS8a, DCC+17, DP68, Dus71, Gro59, HAH3, HRR86, KIF+89, LB07, Mic59, Okt69, QS67, RR69, SKK14, SF93, SXYP12, WLH+17, WST2, YTF+11].

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

Subclasses [MD65]. subdued [Okt71]. Subharmonic [Net60, Las61]. Subject [Ano92h, Ano93f, Ano93g, Ano94t, Ano94u, Ano95i, Ano97j, Ano00j, Ano01o, Ano02b, Ano04u, Ano05d, Ano06d, Ano07b, Ano08c]. subjected [Bau72, KS01].

Submicrometer [CH76, TT75, BK76]. Submicron [JVP+90, TDM+87, BGK+82, EKT99, FKOP90, RG90]. Submicron-gate-length [JVP+90].


Subsystem [BS84a, CDG83, DSW63, FLS78, MTS84, Mil84, Pat85, WCB+86, AFFS98, BSK+08].
Pea69, RTM65, Roe66, She59b, SLLP64, TW74, Thr65, Cor69, DCB77, DPW00, May60, Rey69, RR69, RW59, RHC73.

Switching/Memory [May60, Rey69, RR69, RW59, RHC73], TW74, Thr65, Cor69, DCB77, DPW00, May60, Rey69, RR69, RW59, RHC73.

Switching/Memory [Pea69], switchover [MW+07], SXGA [CAW+98, SS00].

Sylog [FGP+85]. Symbol [Kur87].

Symbolic [FLKA84, Sur69]. Symmetric [Dub72, Key61b, Ost84, PS86, Bra94, MSB+04, RSS91, Sho04]. Symmetrical [Wal57]. Symmetrical-Translator [Wal57].

Symmetries [AS87, Bra94]. Symmetry [But88b, Pen88, Wec79, HM89].

Symposium [Ano70b]. symptoms [Pon17].

Synchronization [ARV64, Cha67, PR71, GHW+20, NG17].

Synchronous [Fra80a, BCF+07, CN71].

Synchrometric [JS00, Arc93]. syndrome [BC00]. synergistic [FAD+07]. synergy [JWS+09, NQ20]. Syntax [Mon86, Bro85].

Syntax-Driven [Mon86]. Synthesis [BMW83, BHD+05, Bud67, Cha60b, DJBT81, DBG+84, EKMW64, HP66, H075h, Hud63, Kau81, May60, Rem67, WW75, BOS+95, Ber76a, CT06, DBG+00, DSW71, Gus76a, Gus76b, MSG+01, RW59, SKB+96, Wle76].

Synthesized [Whe88]. Synthetic [van77].

Sysplex [GHW+20, DP13, DEH+12, GPE99, RKW99, SKE+18]. System [ACG+87, AST67a, AEQP67, AS74, AHM+07, ABG+09, BEK+02, Bar75, BJS80, BCC+12a, BCF+07, BAV+09, BCD+85, BGM+67, BT67, BS84b, Bro78, BDH76, CLLS92, Cha67, C0061, Cha74, Cha75b, CDD+09, CAC+13, CFH64, CDW75, CLOR87, CAD+09, Com83, C176, CD85, CPZ63, CDH64, CW91, DMF+88, DTH92, DBG+84, DMW77, Dav80, DR08, DCC+92, De08, DMP59, DSW71, EHHP67, ELZ79, ELMR77, FLW78, FLKA84, Fle58, FLR77, FGK+07, FL67, FN71, FGM+83, GGRW91, GLP76, GL87, GRT74, GMT57a, GMT57b, Hai85, Haj91, Hal76, HDW+07, HY84, HTH+09, Hen68, Hoo61, Hop61, HP84b, JWS+09, Kan74, KST58, KKB+09b, KBG+09, Lat73, Leh78, LH57, LH00, Lev64, LSS6b, LW77, Lin84, LH+75, LNT79, Luh58b, MWS09, MC09, MDJ+70, MPS77, MDR+07, May85, Max70, MP61, MW82, Mon82a].

System [NHH91, OKH+07, PH79, PL83, PPS82, Pla76, PSW+07, Pri07, PS09, RH+99, RFC+07, RHF+75, SWF+09, Sar91b, SRH+09, SKC09, Sea57, Sha58a, Shi85, SBTD+09, SY73, SV91, Sow84, SBC+12, SW67, SLP+20, TSNF88, Tsy84, TAE+07, TIt61, Tod78b, TBB+09, TAR84, TSC91, TBS09, WMK+07, WLPL+80, Whe88, WHK+09, Wre83, WC75, Zab79, ZST+07, AKH+18, APRS16, AEZ84, AYA14, AKRS04, AUW+09, ADG+92b, ABD+18, ADH+07, ALS81, AH+14, BCD+17, Bar78, Bar86, BHRST2, BBD+02, BMF+16, BPM91, BSD+20, BN+09, BKM+69, BBD+98, BC18, BH80, BKRF02, BBC+08, BCC+01, Br02, BCR91, Buc62, BMT+90, BGJ+17, CJ83, CP97, CTD+16, CDM92, Cor69, CBD+09, Cre81, DBG+00, DBB+02, DeM91, DMG+17, DT08, DBC+05, DCC+17, DAB+97, DGL+97, DEH+12, EGH+86, FKL+08, FW08, GBC+05, GDB16, Gra69, Gra71]. system [Gri69, Has98, HZG+16, Hoo90, HDK+11, HCS+13, JSS13, JDBP10, JML11, KKM02, KCH+09, KST58, KKB+09, KST58, KDB+09, LNT80, LS84, LSP+10, LMP69, MMS05, MBJ+97, MSB+04, Man90, Mat89, Mey81, Mol69, MTB+90, MVI+07, NCB03, OMA+96, OCT68, PMS+08, PBC+06, PR71, RAJ11, RRMD17, Rei69, RBK+08, RMM20, RD12, RMM03, RIB+13, SYG+98, SMP+04, SG95, SM+14, SKT+05, Sta75, Stu70, TW85, TMS98, TDF+02, Tld09, TF+91, VAB+05, VTC09, WZC+10, WMH+97, YAH+96, YG81, ADG+92a, ACG+86, ACF+80, ABB64, AB00a, AHJ+57, Aus90, BLM+92, BGM90, BEM+92, BM84, BGM+67, BBMP92, BRB92, BDS+97,
Cal70, CMPR64, CMR+90, CTS+92, CDM92, CMW92, CDG83, Cov92, DHK+92, DGG+92, EGS+85, FL67, FAJ+94, GR92, GZM92, Gro90, GS71].

**System** [Gun83, HMM70, HM90, HOWP92, KS90, KLM+91, Lip92b, Mar90, MHR90, OG90, Pad81, Pad83, Pato80, RB90, Sam64, SSW91, Sta90, War90, WD94, Wil85, WCW82, WCK+07].

**system-level** [RBK+08]. **system-on-a-chip** [BBD+02, DBB+02, NBC83].

**system-on-package** [KAB+05].

**system-wide** [KSB07]. **System** [BGM+67, FL67]. **System/2000** [Wil85].

**System/3090** [SSW91]. **System/360** [AST67a, AEGP67, ABB64, ABB00a, Cal70, CMPR64, Pad81, Sam64]. **System/370** [ACG+87, FN71, ACG+86, CDG83, Gum83, Pad83, Sta90]. **System/390** [DTH92, KLM+91, CMW92, GR92].

**System/400** [BLM+92]. **System/6000** [Aus90, CMR+90, FAJ+94, HM90, Mar90, MHR90, War90, WD94, BGM90, Gro90, OG90, RB90].

**System/7** [HMM70].

**System/9000** [CW91, GGRW91, Haj91, Sar91b, SV91, TSC91, ADG+92a, BBMP92, BRB92, CTS+92, Cov92, DGG+92, GZM92, HOWP92, BEM+92, CDM92, DHK+92, Lip92b]. **Systematic** [SLZL18, WA79].

**Systematics** [UC62]. **systemic** [MBK+15].

**Systems** [Age04, Age05, AG06, Age08, Bal05, BHP83, CdLS92, CLF73, Che75a, Cho75, CLW80, Cle81, CC76b, DFS98, DR08, Des02, Des04, DLW86, ES92, FGC92, GLOS92, Gha75b, GS74, GHK67, GA84, HW12, Hal60, HLS81, Han67, HTH+99, HS82, Hov78, HTCS81, IS83b, Jam81, KP79, KSW74, Kob70, Kuh88, LS76a, Lei62, LD74, Num09, OOS1, PBF66, Pen88, Pet76, Pri07, RK74, Roe66, Rot66b, SH75b, SH75c, SY92, SH84, Sur15, Swa60, TW62, Tay81, ZST+07, ABE+02, ABK89, AO97, AO01, AAB+16, Ano01c, AC84, AAB+05, AAM+07, AHHN11, BMMR19, BSJ+13, Bil72, BFH10, BK61, BHH03, BFG+99, BJ06a, BKP82, CSW73, CCJH81, CDC96, CDG+10, CMS85, DSS+92, Dur70, ESM16, EÖH10, Fer70, Fla91, FGH+06, FN95, FNY+10, GZM92, GM72, dTGHC92, Han20]. **systems**

[HG14, IS83a, IM+10, JLV19, Jec58, JL90, KBM+99, KL70b, KT70, Kob71, Koc18, KBC+03, LDJ+10, LR87+04, LJ+07, LH+02, MLWC0, MDJ10, Mar12, MBF+07, MCH+82, MN97, Mos61, NAB+15, NAM+18, PLK09, PK88, PBK+09, PPG+01, PMW06, Pon17, PAB+05, QUT3, RBW08, RFB+03, RH90, RW59, Sar91b, SRL+11, SAA+18, SPP72, SMGD10, SBP+03, STW+08, SSN+15, SHL+20, SR19, SCW10, SDS+18, Ste01, SN15, SV92, TWX+10, Ue76, VAB+13, VLP+05, VVLH16, VLB+09, Wal86, WNW+10, ZHP+18, ABD+92, CVN+15, Pic18].

T [BCSE89, FNRF89, FL89, HHB+89, KC89, Kat89, Kel89, KIF+89, Meh89, Mor89, VAB+05].

**T1** [Irv91]. **T1-rate** [Irv91]. **T10** [NF1+08].

**Table** [Ano57w, Ano57x, Ano57y, Ano57z, Ano58r, Ano58s, Ano58t, Ano58u, Ano121, Ano121, Ano12], Ano12k, Ano13c, Ano13d, Ano14k, Ano14l, Ano14n, Ano14n, Ano151, Ano15i, Ano15j, Ano15k, Ano16e, Ano16f, Ano16g, Ano16h, Ano17d, Ano17e, Ano17f, Ano18c, Ano18f, Ano18g, Ano18h, Ano19k, Ano19l, Ano19m, Ano19n, Ano20i, Ano20j, Ano20k, Ano20h, Kin61, CG861, Nob95b].

**table-based** [Nob95b].

**Tables** [Cle65b, MY67b, Myp72].

**tabulating** [KSH+08]. **tackle** [KM20]. **Tactile** [DWGC85].

**Tagging** [Tar63]. **tagline** [RAMD19].

**Tailoring** [Fe07, SRD94].

**Tails** [CCE+88].

**taking** [HST06].

**taming** [ZBBB17].

**tandem** [BCH+16].

**Tantalum** [SM62].

**Tape** [BBKW86, BS70, CDS+86, DM03, FT77, Gre79, HPWW81, Kis03, LS75b, Pat85, SH57b, SH57c, Sko58, WCB+86, ABB+08, Ban72, BP88, BE03, BS03, CIE+03, EÖH10, FCH70, HYA03, ILH03, ICO71, Jaq03, Led71].

**tape-head**
[Led71]. tape-recording [ABB+08].
tapered [GZM92]. Tapes [BTW62, CTT66, PH74, TW74, Vois65, BD74]. targeted [PSD+17]. Task [Kan74, BGH+05]. tasks [AKB+17, BHW+17, EBB+20, Sar91a].
taxonomy [CCF+10]. TCAD [LMW+01].
TCNQ [Lew78b, Mer78, SGT78]. TCP [Bou97, NMF10]. TDI [Sch91, WYS92]. Te [Sui75]. Te-substituted [Sui75]. Teaching [NBM+19, KaAc+15]. teams [DYK10, EEM15].

Technique
[BLL97, HMW74, Han57, HWC75, MD65, Nus77, PH65, RHM63, RP66, Slz76, Wes78, van77, APO92, ET790, FW67, HHA93, Hun71, KMK68, KO69a, LPPT66, Sti71].

Techniques [AC64, Aic84, Ber64, Bla59, Bla79, Bon64, BHH+67, BCRW82, Cha73b, GSVE83, Ken61a, La80, Loh67, LKL+81, MG62, Ode87, Par80, Sni57, SS87b, SST77, Tar63, Tro00b, Bag94, GHH+08, GCFW07, Hei80, JS00, KBF+02, LKFU05, MTF+95, McC69, NDM+04, OR92, Okt69, PBCC12, ST17, Sar91b, SWC+97, SLRY72, SPP+05, TGL+12, TG91, ZBBB17].

Technological [OO81]. Technologies [Att92, BNS85, CRH12, Cor18, CR80, Goo99, MTS84, NNF15, Ser82, SW83, AEG+20, BGLM09, BK58+08, DAC+03, HNS+03, Law02, Rit13, Tag09, MWC10].

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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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