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**Title word cross-reference**

\(-1, 1\) [MY65], \(0, 1\) [GS72a], \((b, k)\) [AC84], \((E, k_x, k_y)\) [ZVW+11].  
\(-\infty < N < +\infty\) [Kog57, Kog58b]. 0.11\(\mu\) [BDN+02].  
\(0 < N < 1\) [Kog58a]. 1 \(-\mu\) [GSC80, JHH+81]. 2 [HS60, MDJ+70]. 22  
\([FCE+15]\). 25\(\%\) [MDJ+70]. 2\(k\) [AEG+02].  
2\(k\)-1 [AEG+02]. 3 [CS03, DWA+08, EFR+05, EK08, HS60, KYY+08, RG09,  
SAT+08, SJMBK08, ZVW+11]. 32  
\([LBB+13]\). 360\(^\circ\) [RCP+16]. 51/4 [FMPS93].  
+[HC69, Les71]. 0 [Wei65]. 2 [ABB+08]. 1  
[CSH+89]. 1 \(-\times\) [LMPP69, MB75, Mat70, Vur70]. 12  
[MKP73]. 2 [ABK89, BH89, Bra72b, Bru78,  
CKG+99, CL64, CSE66, CDM89, CFH64,  
CCD57, CSH+89, DYHS78, EB99, FA70,  
GSG+90, GBC65, HC70, KG80, KLBP64,  
KL80, Kus70, MRH89, MJS70, OG80, RF78,  
SJ70, SARG80, Tu90, Vur70, WB70,  
YDH578, ZBL+72, vHV+89]. 2 \(-x\) [ACM+89, BEH+89, EHK+89]. 3 [CSE66,  
CD89, CCD57, CSH+89, GSG+90, HD69,  
KBS+99, LD74, Mat70, MKP73, WTP64]. 4  
[ACM+89, BEH+89, EHK+89, FA70, Kus70,  
Vur70, WB70, WTP64]. 5 [BH89, KLBP64,  
MRH89, MKP73, ZBL+72, vHV+89]. 6  
[YAJ90]. 7 [CD89, CSH+89]. 7 \(-\delta\) [BH89, GSG+90, MRH89, vHV+89]. c  
[BCSE89, FNRF99, FL89, HHB+89, KC89,  
Kat89, Kel89, KIF+89, Meh89, Mor89]. p  
[FL89]. th [Fuj92]. x  
[ACM+89, BEH+89, EHK+89, LMPP69,  
MB75, Mat70, SG77, Vur70]. A [LO72]. b
β SWC g [SBR64].

ZVW -Channel [RGL75, CDS73, CDS00].

M [Kog59].

DMR [RS59b].

BGK 1000-Mc [BGK].

VCP80, PZK+03, SWK+90, SWC+95, TMF+95. N [FRE+08, CDS73, CDS00, FP69, FA70, KO65a, KO65b, MC68, RGL75, Spe69, VCP80, Kog59]. p [KO65a, KO65b, KO66, MG63b, MC68, VCP80, Vu70]. π [HWC88]. Q [SLLP64]. Tc [GSG+90]. x [Sch91, SHDK95]. z [Dan66].


/CuO [BEH+89]. /Cd [Vur70]. /Cr [Vur70]. /In [LMPP69]. /O [ZBL+72, Bra72b]. /Sb [LMPP69]. /Se [FA70, Vu70].

0.1- [SHW+90, SWC+95]. 0.12- [PZK+03]. 0.25- [HWC88]. 0.5- [HWC88]. 0.7-Microsecond [RSSW61]. 000-Word [FP97].

1 [BGK+80, BCK13, Lan69, PV93]. 1.X [SWC+95]. 1.X-volt [SWC+95]. 1/N [BGK+80]. 10.4-in.-diagonal [KYY92].


16-bit [Cor82]. 16-Mb [GP60a]. 16-Mbps [OCB+90]. 17 [DCB77]. 18 [Sta75]. 19 [Ber76a, Lan96, Wie76]. 193- [Ito01].


1992 [Wil93].

2 [AFFS98, AF99, AH+91, BNW99, CAE+76, EKS+04, GYK99, MRG99, Ono93, RT99, Tan08, WRG99]. 2.0 [Oha10].

2.5-Micrometer [Ghe80]. 20 [RHC73].

20-MHz [RHC73]. 200Mb [GLOS92].

200Mb/s [GLOS92]. 21st [TMF+95].


[BHV85, Kri82, Pie87]. 2Dp [GHP+85].

3 [DGL+97, PV93]. 3-1 [PV93]. 3.3 [HBB99]. 3.3-V [HBB99]. 3.6- [BBH+95].

30 [ACG+87]. 3000 [Rut95]. 3000-Mc [Rut95]. 305 [LH57, LH00]. 3081 [GS82b, PPS82, RSNG82, TS82]. 3090 [AC86, GRSW86, RV89, SdS89]. 32 [Gla97].

32-stage [Sch91]. 3380 [How84]. 3480 [WCB+86]. 360 [BGM+67, FL67]. 3687 [DSW82]. 3800


[FLCB85, KN91b, Sch96a].

4 [BHP83, FK90]. 4-Mb [FK90]. 4.2K [EBd+86]. 405LP [NCB03].

4096-color [KYY92]. 41 [ANO97a]. 4250 [GTL87]. 44 [ANO00a, ANO00a]. 45

[ANO01a, ANO01a]. 45-nm [IFB+11]. 4765 [ABC+12]. 4D [Die91].
altered [Irv89]. alternate [VWE02]. alternating [Wid67].
Alternative [AKNR10]. alumina [KLM+91]. aluminium [SD71]. Aluminum
[ADH70, AIH+98, DYHS78, Jon70, YDHS78, AdH00b, Lar80, SL66]. Aluminum-based
[AIH+98]. Aluminum-Implanted [DYHS78, YDHS78]. ALUs [PV93, Sch80].
always [SIKdL16]. always-on [SIKdL16]. Ambient [BMC86, Leh64, RC09]. Amdahl
[CPD+09]. Amendment [Ku63]. Amino
[BBD63]. Among [DG84, ViI82, DSS+92, YCJ+17]. Amorphous
[BK76, CCG73, CH76, Fri69, OHSP76, Sch75, VGC79, KOT99]. amounts
[BBC+08]. Amplification
[Bre60, Pri65, RK69, Smi57, ZZ69, Ito97, Ito00, Lan60, Tur69]. amplified
[HHSW01, Ito01]. Amplifier [Gra80, TC63]. amplifiers [JGD+08]. amplitude [BS71a].
AMR [Ibe03, ILH03]. Analog
[ARV64, Wal58, HB73]. Analog-to-Digital
[WB16, BBMP92, Gro59, PMS+17]. Analysis
[AW82, AKB+17, AH79, AGAP63, BBC+09, Bos97, BK61, BC85, Cas60, CFL73, CHW75a, CHW75b, Cha62, Cha74, Cha75b, CW85, Chi86, CDW75, CW77, CMS85, CPL+74, Cve87a, FE75, Gar57, Gar64, Gau77a, GLS74, GLP76, GS87, GA84, GLS7, Gau79, Gus76a, Gus76b, HS81a, HP66, HW81, HS61, HSC82, Ho66, HS82, HO75b, HST1, How84, Hua79, Ken61a, KO65a, KO69b, KO70, KGT88, Kur87, KM74, Lai80, Lan74, Lee77b, LS76b, Man85, Mat85, McA83, MW79, NB61b, Ohb84, PL83, Ph65, Pin76, RP70, rue79, SC75, SFD77, Sop59, SM66, Sta87, SM63, SG64, Tak87, Tan74, TKG89, Thu60, Tit61, TAR84, VSF65, Wat60a, Wee79, WC82, WC75, WA79, Yas85, Zar57, AAA+17, ABM88, Bal91, BFR13, Bir01, BGL66, BBS+03, Bro72, Bur72, BCGS00, CGM+15b]. analysis
[Cha73a, CGLL93, Cop00a, Cor93, Dan66, DBB+02, Die91, ESA02, Fe70, GMNE63, Gre60, HMO81, HMO81, HKA+13, HRF+17, Ho73, KFB+97, KM68, KWT+11, KBF+92, KS01, LPM+12, LFF90, LSW13, LD72, Lom77, MYKK+17, MHI01, Mat03, MWX+17, MDMN10, Mon82b, MFL+12, Okt71, PSp06, PAZ72, Pig88, Sch96a, Sed67, SBG+71, SSB+12, Sta75, TWX+10, TKV00, TTI98, Tue76, VPD88, WLT+17, WTT+14, WC69, YBF+14, You90, ZBL+72]. analytic
[Bar78, Mat03]. Analytical
[LD72, MHI01, SLHM67, Tro00b, VMS+14, Bat00]. Analytics
[BBMP92, Gro59, PMS+17]. Analyses
[ARV64, Wal58, HB73]. Analogon
[BWB16, BDH83]. angles
[BBC+08]. Angular
[BS91, FLCB85, WNBP91]. Anisotropic
[PPi60, NSO98, PM72]. anisotropies
[YYJ+71]. Angle
[AJSR78, Lai63, PBF60, PW68]. Angle-of-Incidence
[BBMP92, Gro59, PMS+17]. Angular
[HA88, SUN06]. Animation
[BBS91, FLCB85, WNB89]. Anisotropy
[PPi60, NSO98, PM72]. anisotropies
[HJW+71]. Anisotropy
[Boy60, OHSP76, PBF60, You90]. Annealing
[BHu79a, CCP85, CFC64, DK87, GCH8]. annihilation
[Pet89]. Anniversary
[Car81]. Anodic
[Dat93]. anodization
[He99]. Anodized
[PCW89]. anomalies
[LMD91]. Anomalous
[AC63, CP86, LEB62]. Anonymizing
[GDLS14]. ANSI
[NAF+08]. answer
[TOKN18]. Answering
[Pla76, BCD+17]. answers
[Fre04, GLK+12, MKW+12]. antenna
[LGF+03]. antennas [DHIK00]. anticipator
[HM90]. Anticoindidence [Spr63].
Antimony [DV64, HK64]. antispan
[WZC+10]. any [DDMS92]. Aperture
[van77, SRCW97]. API [WML+16]. APIs
[WML+16]. API [AT87, Chi86, CJO1, DO86, FI73, Lat73, Ort84, Sur69]. APL/370 [Chi86]. APL2 [Alt89, Bro85].
APL/ GOL [Kel73]. Apparatus
[BP75, Tay57]. appliances [JWZ+09].
Application
[Ast67b, Bar75, BMC86, BSJ+13, BKU88, BHHWW77, CM80, CD85, DC82, Dou62, FLCCB85, GA68, GHK67, HP63, HJ88, HKM+86, How82, KOB71, KM70, KM00, KTT84, Kov59, KBF+92, LS76a, Le 62, LMT84, MW80a, Mar66b, MS67, MS87, Moi91, MPD86, PBC+06, Pzp79, Pzk+03, Rot66b, SM78, SLG78, SF93, Tro80, TTI98, AKKJ72, AAB+10, ABM+01, BBPS91, BDS+07, CPT2, CLP+13b, CPT+08, CN94, EFP10, FKL+08, GJ88, HBB99, LFR05, LR79, LS72, MDJ80, MC87, Mon82b, NCB03, RRMD17, RR69, SBG+13, SCH+72, SCW10, TCCH98, BLM+92, MY65, MM75b].
Application-level [BSJ+13].
Applications
[ABCS+85, Aic84, BV78, BAH82, CA84, CHS84, Com83, Cro79, Dat98a, Hau96, HF78, Hop61, Kau81, NB61b, OO81, Sch75, SCY78, WKB+86, WR83, ZG65, vv89b, vaR82, AW82, ABB+13, ABB+03, ARM+01, ACM01, ATW+08, BBC+16, BHH82, CS84, CCG73, CN18, CIJ+10, CBBS90, CKL+13, CJK+13, CRM02, D708, EWS+13, GR92, GBBM90, GSC12, HVK+90, HHR99, IFB+11, KM93, KFH+06, KLS+05, KKT+95, LPA+15, MCA95, MN97, Mos61, Ohn79a, Osb93, RCF+07, SBG+13, Sch96b, SWC+95, SPR+95, SFH+16, SHDK95, TWX+10, TFL+98, WYF+03, WYS92, YAH+96, ZSY+13, ZFE06].
Applied [Coh87, EHHP67, Jur78, Nor58, PW67, SH57a, Sar91b]. Applying
[CPD+09, EG00, GCFW07, OTC14].
Approach
[BBC+64, BF77, CAE+76, CHS82, Got65, HJS88, Ho75a, KMO64, Len58, RS85, ABC+95, AYA14, AR87, BKN10, BMS+17, BTV95, BL15, CHG04, DGE+01, Fer70, HCO74, KRTN+12, KSSC+13, KRS+17, Luh57, NMY+09, RCP15, Rub90, SKSP06, SJZ+15, TWM+14, VJA07, VNT16].
approaches
[DJJK14, Fra89, MBB+01, SN06, TSC91]. approximants [Ris72]. Approximate
[CPvR00, CHW75a, NG17, SC75, Sau81, Sch62b, Di 88, HSL+10, Le61].
Approximating [And73, Kep75, Mir69].
Approximation
[RK74, AGJA06, MM94, Riv87, Sit87, Wee72]. AQL
[ADST78a, ADST78b]. Aqueous
[CHBH85, LG88]. Arabic [AFCB94].
arbitrary [MY65]. Architectural
[BS95, Sou96, BS06, KL70b]. Architecture
[ABC+99b, AK82, ABB64, ABB00a, BLM+92, BBH+81, CD83, CDG83, Cve87a, DLW86, ES92, FGM+83, Gum83, Gy80, HF94, JB07, LSS+10, MMR95, Ono93, Pad83, SW83, TAY84, UMK+85, WF87, WR83, YS99, ARG00, BDN+02, CNV+15, CGM+15b, CPT+08, CBD+09, EBD+95, FSP14, FXB+10, GBC+05, Gsc16, HH86, JS14, KdAC+15, LNT08, MSB+04, MME+97, NAB+15, OG90, PVDF95, RD12, RBL+09, SLO70, VTC09, CR07, HF94, HKJ+01, IMS10, JMP96, PERW02, SY92].
Architectural/390 [SY92]. Architectures
[BGLM90, FH84, BGS13, BK70, CCF+10, Cla03, Nai02, OTC14]. Archive [BBC+08].
archives [CBK+98, ZW17]. Arcing
[HMR82]. arcs [Ho90]. Arcsin [Kog58a].
Arectan [Kog58b]. Area [DO74, FHL+82, Gau77b, HS85, HS81a, CH06, HMK01, OCB+90, ST89, Sta89b, Sta89c]. areal
autoconfiguration [BBC+12a].

Autocorrelation [BR82]. Automata [RS59a, Ros66, Rot66a, Sch59a, DWW90, EM65, HMP90, SG94b]. Automated [CTD+16, GAC85, GHLW84, GLM+96, GBJ+08, HL83, LS75b, Pr94, TS82, WLPL+80, WZ78, DF15, HD73, HK87, KL63]. Automatic [ABCR65, AAA+17, BB63, CFW82, Che72, Dah63, DMWW77, DMP59, FKGFI12, GFS71, Hei76, HL77, Kar73, LW77, Luh58a, Maz70, Sar91a, Sar97, SGB+13, SFH65, Tar63, Urs75, War63, CL86, ET69, Gus97, HRW87, KWB+95, MC87, RSL+70, Sed67, ST72, SKSP06]. automatically [CJ91]. Automation [AP86, Ano71, CCG+84, CCG+84, GLL80, Graf9, HBT+16, MW82, SG71, SB68, Tay84, DeM91, GGK96, Gra71, HNS+03, HMM7, MC87, MC08, Sed67, ST72, SKSP06].

Automorphisms [Hal60].

Autonomic [MC09, Kis03, WSC17].

Autopass [LW77]. autoradiographic [LPPT86]. Availability [GL87, HCTS81, KMI82, AAF+09, CAK+15, DP13, FCS+04, OKH+07, Pig88, VVE02]. available [ACFS16]. Avalanche [BS69, KO65b, KO66]. avalanching [Vin81].

Average [Her65, Don69, SS68].

average-value [Don69], averaging [LO72].


B [Bos70a, YTF+11]. B-Adjacent [Bos70a].


Back [Ano14a, Ano15a, Wym57, Ano14b, Si63, TMW+17]. back-propagation [TMW+17]. Background [MCN94].

backlighting [TMS98]. backpropagation [NFS+17]. Backscatter [Far82].

backscattering [ZBL+72]. backtracking [SS86]. backup [Ste01]. baking [HHSW01]. balanced [DGL+97, Ris73, WF83].

Balancing [ZS03, CHG04]. Ball [CGLL93, Cor93, LCB93, Mah93, RBWH93, GLCW93].

Ballistic [HF90, Lod00, RMR94]. Bamba [WLKS98]. Band [Adl70, CFG64, CCE+88, HK64, McC64, Rem67, WB70, Haa70, LMPP69, Nob95b, ZH89, ZVW+11].

banded [RSS91]. Bandlimited [Sta67].

Bands [PB69, FA70]. Bandwidth [Ism00].

banking [SMX+14]. Barium [Can57, DH57].

Barrier [BKMS0a, CP86, AA71, GBW+09, JP94, DS70, Mid70a, Wol70]. Barriers [But88a, CSE66, OSP+98].

Base [DC73a, Eas75, GLP76, GS74, Hal76, HKM+86, LS76a, LS76b, LN79, MM75a, MC87, Sow76, VM79, WW75, AT00, Ber76a, DCB77, FGP+85, Wie76].

Baseband [KGF77]. Based [AGLM85, Blu79a, Eas78, EP86, HL77, HS81b, Lom8a, Pet76, RP66, Shi85, Str83, ACM01, AIH+98, AKE+92, AEH+04, AH+14, BEE+02, BW16, BC18, BHH03, BBG+14, BCC+01, CKG+99, CJ83, FPRG01, GP81, HRZ14, HP01, Ibe03, JS14, JZ91, KBP+12, KRTN+12, KMB+08, KBA07, KBK+97, KAB+05, LSS14, MDH+12, MYKK+17, MS05, MBB+07, Mey00b, MTB+90, MS07, NFI+08, NMV+09, Ngu99, Nob95b, OR92, PSA+08, PW72, RCP15, SNP06, SVNH13,
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]. BBr [LD74]. bcc [HBL62].

BCS [Ode64, Swi62]. be
[Gri04, MS89, BBS78]. Beam
[BJS80, Bro88, DMWW77, Dav80, ELMR77, GOJN77, HWC88, Hor62, KP59, KP80, Lin67, Lun79, MWW80a, MPS77, MP67, NM62, PS80, PW78, Bag94, BGK+82, DP68, Far98, FKOP90, G188, GWR90, GHP+93, KBF+92, LR79, LCL+98, MTH71, MAG+01, PGN88, RKL88b, WPH69, WW71, Gil84].

Beamforming [Raa76]. beamlines
[SR093]. Beams [Le 62, WSBL90, ZSZ96].

Bearing [Bau63, FL74, Lnn63, Coo90]. Bearings [SWD74, SM63, TT74, VG74, BCT89, BHH059, Dec90, Gro59, Mic59].

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

Bed [St79]. Behavior
[Cha62, Col62, Eas78, Fer75, GR58, Goo62, LMS5, Lev64, Mid65, SM63, WA79, ASR07, BSY+15, Bau72, BP74, BP88, BGL66, BEJ+14, CP97, CF72, CR15, FP73, Ito01, KAF+16, Mor89, SMVK90, Vie86, Vur70, WZC+10, YBF+14, You90].

behavior-based [WZC+10]. behavioral
[HHC+18, OIM+13]. Belief [EP86]. Below
[Sie70]. Belt [ELZ79]. benchmark
[CP97, GGH+13, KGBB90]. Bending
[BP84, LC83]. benefits [BR09b, Now02].

Bentonite [SH63]. BEOL [GON+06].

Berlekap [Gus76a, Gus76b]. Best
[Cve87b]. better [EG00, Jaq03, KL94].

Between [CLW79, KLC84, Lew83, Mic78, AAM+07, BBT60, BCT89, Bro94, Bru78, DP13, EC71, KSH+08, Les71, Lew75, Lew12, Mei62, MKJM93, Nef90, Pes71]. Beyond
[Ano06b, HHH04, Pad81, RD12, Won02, BFG+06, BLD197, CS03, FKOP90, 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, Fuj92]. biased
[Yas07]. BiCMOS
[DAC+03, FMP+03, HNS+03, Nii02].

Bicubic [DB76]. bifold [Ari69]. Big
[GRS13, Num09, BFR13, Fre04, MCG+15, OTC14, SXT+14, YMR14, CDL+14, GGH+13, HAG+13, HCM+13, JS13, Mal13, RCP15]. biclevel
[ATL+88]. Bimorph
[MPD86]. Bin [KM77]. Binary
[AMG+87]. Binary-Image-Manipulation [AMG+87].

Binary-Weighted [Sml57]. binodal
[TMB+99]. bioinformatics [EBH+16].

biological [ABM+01, Bir01, DBNK+17, HdtR06, NMTP14, SPS+06]. Biology
[BMRC86, ACM01, BJ06a, EB06, PM06].

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

biosystems [PSP06]. bipartite [Rus04].

Bipolar [CW85, Dan81, FHL+82, Gau77b, KGCS85, ML82, MM82, Phi78, Pri58a, SGC+87, ZFE06, BEM+92, CCJH81, Fre96, GPL+92, TWF90].

Birefringence [SH63]. birthday
[FvGM90]. bi [GA88].

bis-maleimide [GA88]. Bismuth
[FK60, HK64, Heb64, JH64, Sch64, SB64, TH64, Vui64, WS64, YWWK64].

bismuthates [BCSE89]. Bistability
[HJ88]. Bistable
[BFT97, LF64, Mos61].

Bistable-Unstable [BFT79]. Bit
[ARV64, BS70, BCI+96, Cor82, GHL+04, MRR99, WRG99, TGB+08]. bit/s [GP81].

Bits [RK66]. BJ [HOMS1]. BladeCenter
[Bal05, VLB+09, BBB+05, CAC+05, DBC+05, FCP+05, HCK+05, HPZ+05, HSL+05, HSCG05, PHCM05, PAB+05, VAB+05]. blades [HSL+05, NHM+07].

Blasbalg [Ano06b]. Blazed
[BC65]. Bleaching [Lor70]. blended [MBK+15].
TCP+16, Vay12, WAB+09, ZBG+10.
BYOD [JKB+13, CJK+13]. Byte [Pat86, DMR+81].

C [Ber76a, Wie76, CFK+91, FL89]. C4 [DWA+08]. Ca [BPL+89, Mat70]. cable [DDA+93]. cables [DAS+94]. Cache [FHVZ80, VMH+83, BGAJ94, BM96, BBC+12b, CT06, DGL+97, FLMK06, MBJ+97, MWS09, MRR89, Mat89, MHI01, SG04a, SSD+15, Thi88, TM3+99, VH81, WMB+15]. cache-miss [Thi88]. caching [SMC+14]. CAD [CS84]. Cadmium [Mas62]. cage [HDW+07, SBC+12, WBH+04]. Calcium [SS61]. Calculation [Bei74, Fro84, KRC68, LS78, Mar64b, Ove70, MM75b, RE71, Shi73]. Calculations [Hut74, KO66, KM66, Phi78, RS85, SM63, Fre96, Led71, Rue72].

Calcus [Rot66a]. calibration [Vie86]. call [LPMDG14]. calls [Lon77].


Cantilever [BP84, SST69]. Capabilities [CBBS90, AAB+05]. capability [CCC+15, FDS+13]. capable [RHC73].


Carlo [Ken61a, LFF90, MNR86, MS96]. carpal [BC00]. carpool [FW83]. Carrier [FT64, Hai85, KO65b, ATW+08, LDSA02]. carriers [KAB+05]. Carry [Car60].

Carrying [Kuh88]. Cartridge [WCB+86].

Case [Keh65, KGF77, MDH+12, DCC+17, HMO81, Hof60, LB07, SNN13, WLI+17].

Case-based [MDH+12]. Cases [Rob67].

Case [DCB77]. catalysts [OHWR88].


Cathodic [AGLM85]. Cation [SK69].

Cauchy [Ger73, Sug59]. Causal [EPP10].


ccNUMA [BCC+01]. CCS [SS87a]. Cd [Tit63]. CdCr [FA70, Kus70, WB70]. CdIn [WB70].

CDMF [JMLW94]. CdS [Boe69, MSW69].

CECSIM [vBBE+02]. Cell [BV78, Gar57, LS78, RWC80, TSH92].

CCCK92, DMR+81, EB06, HRG80, JS72, KBK+97, Lee77b, BDHH+09, CRD07, JB07, KDH+05, LJ+07, NMH+07, PBB07, RWW07, RG09, SHL07]. Cell/ B.E. [NMH+07]. Cells [GMW80, LJ92, NBF+00]. CellSs [PBBL07].

Cellular [HMP90, Pic87, SG94b]. Cement [MS67]. Center [Pul07]. BCG+09. CPD+09, KGD15, LPMDG14, MI10, SCI05, SBB+09, TFJ+96, WH94]. centered [BMS+17].

centers [BSNG09, BSRM09, HvKI+09, NMV+09, SFO9, VRA+09]. Central [Ch075, Col59, SC75, PBC+04, TBB+09].

Central-Force [Col59]. centralized [Yar12].

centric [BCE+07, DF15, HLZ+09, Sha12, ZBG+10].

Century [HCTS81, JS81, HBP+81, TMF+05].

Ceramic [BB82, GS89, 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, DKR12, GCFW07, SKK14].

Chain-Complete [MR76a]. Chains [RK75, Sch67, SP14].

Chalcogenide [Haa70]. Chalcogenides [Dim70, Kas70, Von70].

challenge [WA15]. Challenges [MDB+02, SCI05, AG06, BCK+05, CPCC18, DFaDNS98, GNF06, Lai08, LPA+15, SLA+15, SFG+06, SPP07, WHK+09].

Chamber [Cha73b, MN67a]. Championships [BHP17].

Chang [Sta75]. Change [Sou64, CTD+16, DDDKW12, DSZ+12, KMB+08, RBB+08]. Changes [CC76a, Lew83].

Channel [Cal81, Cio86, CDG83, God74, Mil83, RGL75, AAC+06, CDS73, CDS00, FGC92, Fra80b, Irv01, KT70, LKY80, SFG+06, Sho04, WYTO04].

Channels [CR76, Fra79, Fra80a, Fra82, KGF77, MLT83, Sha58b, Fra89, GE02, Rus04, SJW+16, TLM83]. Chaotic [Hen83]. Character [Dic60, WR83, YG81].

Character-Recognition [Dic60]. Characteristics [BKM80b, Cre58, GLS67, JH80, KMCY82, LS78, OPR+78, Pea69, Rau66, TDM+87, UL70, WS75, WW71, BB09, Bru76, CDS73, CDS00, EWS+13, HRW69, ILH03, Kah71, KDG15, MMR89, PH81]. Characterization [AT00, Ano05c, AGAP63, AEE77, Bar73, BBCV80, Esa62, GA88, GC81, MMR+05, OHWR88, OS99, SS78, SY73, Twa85, YDHS78, ATW06, ATW+08, ABM88, BSJ+13, CPTW98, DRA+93, DK+95, GGL+99, Hofo60, KB06, LBT90, Luc99, WGC93].

Characters [Cas70, CEHL78, GHKO57, Yha75, DMS92, HM71]. Charge [CH74, DYHS78, Gra80, Kau81, LMD70, Mag73, MS60a, Sch62a, SS78, Sch96b, TY64, Fre96, HC69, HCL72, HRG80, Lec77b, 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, DGN93, DXZS13]. charging-point [DXZS13].

Chemical [BBKW86, Chu82, Cle81, CK79, HHSW01, Ito97, It00, KEJ87, Luh64, Lun79, WKB+86, Beao90, CNC+95, CNS+99, GMP90, GPL+92, Luc99, Ngu99, YAJ90].

Chemical-Vapor-Deposited [KEJ87]. chemically [HHSW01, It01]. Chemisorbed [Dem78, Lan86].

Chemisorption [BBS78, Win78]. Chemistry [CFG64, CD85, Hir77, KT84, KJSG+88, Spr61, FL69, HMko1, Oka69, VBDA05, YAJ90].

Chemistry [BBKW86, Chu82, Cle81, CK79, HHSW01, Ito97, It00, KEJ87, Luh64, Lun79, WKB+86, Beao90, CNC+95, CNS+99, GMP90, GPL+92, Luc99, Ngu99, YAJ90].

Chemical-mechanical [GPL+92].

Chemistry [BBKW86, Chu82, Cle81, CK79, HHSW01, Ito97, It00, KEJ87, Luh64, Lun79, WKB+86, Beao90, CNC+95, CNS+99, GMP90, GPL+92, Luc99, Ngu99, YAJ90].

Chemical-Vapor-Deposited [KEJ87].

Chemistry [BBKW86, Chu82, Cle81, CK79, HHSW01, Ito97, It00, KEJ87, Luh64, Lun79, WKB+86, Beao90, CNC+95, CNS+99, GMP90, GPL+92, Luc99, Ngu99, YAJ90].

Chemical-mechanical [GPL+92].

Chemistry [BBKW86, Chu82, Cle81, CK79, HHSW01, Ito97, It00, KEJ87, Luh64, Lun79, WKB+86, Beao90, CNC+95, CNS+99, GMP90, GPL+92, Luc99, Ngu99, YAJ90].

Chemistry [BBKW86, Chu82, Cle81, CK79, HHSW01, Ito97, It00, KEJ87, Luh64, Lun79, WKB+86, Beao90, CNC+95, CNS+99, GMP90, GPL+92, Luc99, Ngu99, YAJ90].

Chemistry [BBKW86, Chu82, Cle81, CK79, HHSW01, Ito97, It00, KEJ87, Luh64, Lun79, WKB+86, Beao90, CNC+95, CNS+99, GMP90, GPL+92, Luc99, Ngu99, YAJ90].

Chemistry [BBKW86, Chu82, Cle81, CK79, HHSW01, Ito97, It00, KEJ87, Luh64, Lun79, WKB+86, Beao90, CNC+95, CNS+99, GMP90, GPL+92, Luc99, Ngu99, YAJ90].

Chemistry [BBKW86, Chu82, Cle81, CK79, HHSW01, Ito97, It00, KEJ87, Luh64, Lun79, WKB+86, Beao90, CNC+95, CNS+99, GMP90, GPL+92, Luc99, Ngu99, YAJ90].
chipset [KBG+09], Chlorin [VM79], Chlorine [Lev64], Chloro [SL66].
Chloro-aluminum [SL66]. chlorobenzene [CH82, HMM82], choices [SON+91].
Cholesky [GJ00], cholesterol [MD12a].
cholesteryl [BWM71], chopped [WSBL90].
Chromium [BBKW86, KS66].
Chromodynamics [VBC+08], Cil [Ghe80].
circles [Nef90].
Circuit [Ame80, BDWZ83, BDMW81, BKGK, BFL66, BAH82, BBH+67, BHW63, CW85, Dan81, ESA62, FTS80, Gun66a, HHSR96, HS61, Kar74, KCS80, LBL84, Man85, Rot74, RST76, Ser82, STCR84, SWC+97, Sta83, Sta84a, Sta85b, Sta87, SHT88, Wal57, Wal58, ADH+90a, ABM88, BJM+91, BBMP92, BGL66, Cha88, ETS+95, DHK+92, DTTK95, FTT91, GAA88, JZ91, KAAH91, OR91, PAI72, PAU79, RBWH93, RU87, STAB99, TW69, TKV00, WKF92, CFP+02, DNF97, DHK00, ESW+95, FMS+97, FKOP90, FMP+97, HRC+88, Hei90, HMP90, Koc59, KBC+83, KSL95, Lin76, MPHC90, MDS61, NHK103, NGX+91, PZK+94, SCH96b, SR16, STAB99, STAB96, TLS+96, VOR71, WIE90, WSB90].
Circuiter [BB06, CS66a, RAA76, RR87, Arb86, SN98].
circulation [FRO71, QES67].
Circumferentially [BG74].
Cities [HPW11, HMP+11, OIM+13, WP11, HEH+10].
city [HS11, JWW+11, SHC+72].
Clarification [ACG+87, SWA57].
Class [AHH80, CH80a, DUB83, HSI70, LM80, ROG66, TBB+99, WHK+99, WYN64, YU61, BIL72, BSW+82, KS8+08, FW08, LEI61, SM16, ST72, ST89, SBC+12, SUR15, VLT+12].
Classes [CHA75, MFT77, GOR63].
classical [SH04].
classification [ACC+15, DBK82, GKH4, HWW+16, NT72, PTZC16, SBD+10].
classifier [RLP14].
classifiers [BCD+17].
clause [VV86a].
clauses [DI92].
Clean [IM57, JON65].
cleaning [HBC+99].
Clearance [BANG3].
Clefted [FPR86].
Clebsch [ROB67].
cite [DT08].
Clinker [MS67].
Clock [FS88, BH95, CMD92, HAMC+04, MWW+07].
Clocking [HO75b, OKL03, SNA57].
clocks [DSS+92].
Closed [MAR60a, MS67, RK75, BSSZ76, KRC68, LAM77a, MAT03, MOO72].
Closed-Cycle [MAR60a].
closed-form [KRC68].
closed-loop [BSSZ76].
Closing [BCH+16].
cloth [OHT95].
Cloud [CJ+16, GRB+16, HG14, YGR14, ABD+16, BWT+14, BCC+16, BCG+09, BCH+16, BGM+16, BB90, BBC+14, CTD+16, HBT+16, ISV16, JDP10, KMM+16, LSZ+10, MVL+14, NRD+09, OEN+16, RBL+09, SHV13, SM16, SI16, WML+16, YAR12].
Cloud-based [YGR14].
clouds [ACFS16, MSV14].
clue [LPM+12].
Cluster [BBS78, DAM66, GPE19, KWS99, JNI13].
Clustering [BF77, BM63, Bon64, O'M85, SSW91, STX86, DB01].
Clusters [EAS78, STAB84, BA67, MBJ+97, STAB98, SAT89].
Clutch [FIT17].
CMOS [ADG+95, ANO66b, STA90, AGN02, BFG+06, BS95, BMT+90, CAC+95, CTJ91, DTH92, DTTK95, DAC+03, ECD+99, ESW95, FLE95, FRA02, FSH06, GEC97, HND+06, HZB+06, HNS+03, HRC+08, ISA00, IFB+11, KB06, KCA+95, KACS95, KSL95, LSF84, LRM95, LCHL95, MMR93, MAT85, NOW02, PZK+03, SM97, SG95, SEC95, SWC+95, SPR+96, SWC+97, SMK+99, STA02].
CMT+97, TMS+95, TAO02, W97, WMH+97, WNV+92, YS99].
CMS [BGW91].
Co [BCK13, LYE77, KKS02, SMP+04, IM13c, BRA7a, BRT87, OHSP76].
Co-design [BCK13, IM13c].
Far91, KCH+, Nus76a, Nus76b, PPS82, Sch84, TS82, BGW+, BFG+, 99, Gri04, Hol78, Kep75, Mas97, PBC+, PAH+, 18, RWB+, 10, Rue72, SA98, SPS+, 06, SA00, Tib93, TBB+, 09, VMS+, 14, Was05].

**complex-arithmetic** [Wai05]. **Complexity** [CLW80, HP84a, HS11, NSS58, Sav70, Kri82, Pip81, Pip87, SS86, ZBB817].

**compliance** [BNN+, 09, Coo90, EPP10, MS07].

**Component** [BBT60, GSAB93, BBSW97].

**component-supply** [BBSW97].

**Components** [Hud63, Kan78, SM78, DBK82].

**Composing** [Yha75].

**Composite** [GS75, Kan78, Ros78, Bra94].

**Composites** [MLSS84, MVK85].

**Composition** [MS67, WTS+, 11].

**Compound** [FZ88, MS67, TWF90, VBE94].

**Compounds** [BMW83, BTH62, CK79, CGHK77, KSF90].

**comprehensive** [BCH+, vBB+, 02].

**compressed** [FHPR01, FR01].

**compressed-memory** [FHPR01].

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

**comprising** [AKRS04, CBB+, 04].

**Computation** [Ben73, Ben88, BJ67, Che72, DHM75, Dub83, Duk90, ELI+, 88, FL75, Ho75a, Kog57, Kog58b, Kog59, LF77, Lev66, Mar90, MY67a, MY68, NQ78, Ben00, CW58, CN94, FKL+, 08, Gha97, Mer04, NLP17].

**Computational** [Bla88, CK17b, Jan89, Moo72, NNN+, 06, PCW+, 17, RK75, ACM01, AUW+, 09, BH11, Her72, HMK01, TMS+, 01, VRA+, 09, HMOS81].

**Computations** [BRR79, Cle65a, NB61a, Sak79, Cle00, FAFL91, Pip87].

**Computer** [ABB+, 91, IBM13a, BHD+, 05, EBH+, 16, HBB+, 05, OBB+, 05].

**Computer** [An80, Ast67b, BDWZ83, BS81, Ben59, BAH82, BL69, BHW263, Cha73a, Cha74, Cha75b, CDW75, Cho75, Cle81, Col69b, CC76b, CD85, CA01, Dah63, Dav82, Dec90, DLV86, Don81, FPST14, FCH70, Fla81, FE75, GL87, GMW80, HS85, HHF69, HLS81, HSC82, HCT881, Jan81, JKG69, KKS+, 73, KLD3, KOT0, Kog57, Kog58b, Kog58a, Kog59, Kol67, Kra81, KP80, LG78, La80, Len58, LW77, LS69, LV62, MFT77, Pet76, Rot60b, Rue79, Sch81, SSL73, SLG78, Sch96a, SB86, SW67, Sve78, SG64, TW62, Tod78b, Tue68, WF87, Wes90, Wri83, AGZ94b, Ano70a, Ano71, AHJ+, 57, ABM+, 01, Bau72, BK61, BHH03, BS91, BC62, DH69, EGH+, 86, FL69, GR92, GM69, HKV+, 90, Ho73, Irv93, KLRS96, Led71, Mat98, Mol69, MS89, Nai02, NDM+, 04, Oka69, PW72].

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

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

**Computer-assisted** [JKG69, GM69].

**Computer-automated** [KL63].

**computer-based** [PW72].

**Computer-Controlled** [BDWZ83, KKS+, 73, HHF69].

**Computer-generated** [BL69, MS89].

**Computer-Operated** [SW67, Col69b].

**Computer-Output** [Sve78].

**computer-to-computer** [Tho70].

**computerized** [LPPT86].

**Computers** [BBH+, 81, GBS+, 87, Her75, Skl76, BSHM01, BO69, BCC+, 05, Har71, LGF+, 03, SSSK91, TR77].

**Computing** [AS74, CGH+, 17, HM87, MR14, Nus77, AHJ+, 91, BBPS91, BB09, BJ06a, CBB+, 09, DP13, FGG+, 13, Fro71, IMC+, 10, JDBP10, KSA+, 04, LDJ+, 10, Lan61, Lan00a, MC09, NRD+, 09, PPW13, RAG11, Rit13, RBL+, 09, RLP14, SHV13, SN15, VLB+, 09].

**Concentrating** [Hov78].

**Concentration** [Col62, Bar86].

**Concept** [Gha75a, Joz94, KBF+, 04, RK15].

**concepts** [DHK00, Kun92, SCC+, 15].

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

**Concerning** [Coo62, KW62].
EGH+86, Gre59, MHW95, NBF+00].
continuum [ABM+01]. contour
[GMNE63, Kep75]. contract [BBSW97].
Contrast
[Dav79, Kov59, RDD+98, DP13, KJP11].
Contribution [Key61a, MR14].
Contributions [BS81, Sam81, Sor79, Sor00, Gar00].
Control [Ast67b, BS84a, Ben59, Bla59,
Bla79, BT67, Bud67, CL64, CAE+76, CW77,
Cle83, CI76, Dav77, DB76, FLS78, Fre67,
Gis84, GHK67, GMT57a, GMT57b,
HBB+05, HKM+86, KST58, LHW81, Len58,
Log70, LMD70, May85, MS67, RR83, Rob67,
San83a, SH57a, SSL73, TL70, War63, 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, NNMJ01,
Oka69, Pat89, RM90, SG94a, SBB+09,
SCW10, Stu70, Tho70, WGS04].
Control-Word [Bla59]. Controlled
[BDWZ83, Boc69, How82, KKS+73, LW77,
Mil69, Mil80, NW64, Dur70, Gol69, Gre60,
HHF69, Nic92, NL69, Okt69].
Controllers [DB82, Kis03, SLC09, Sou96].
Controlling [Car77].
Convergence [BJS80, Cha87, CW72, JP94, Ung72, Wol72].
convergent [Bra72a]. Converging [Jam89].
conversation [Elg91]. conversational
[KSSC+13, SP17]. Conversion
[LSH76, RP67, SCYK78, WA58, 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, BRB92, DGG+92,
GGRW91, Haj91, KLM+91]. Cooling
[CHS82, CAC+05, DGG+92, GZM92,
GKMP04, SN02, SAB+02, TBC+15].
cooperation [AUW+09]. Cooperative
[JKB+13, KW62, Mor79]. coordinate
[MN90]. coordinated [EEM15].
Coordinates [KK+73, RSL+70].
Cooperation [DSS+92]. cope [WN92].
Copenhagen [Mer04]. copier [BHR72].
Coprocessor
[EC+99, YS99, AV04, ABC+12]. Core
[Bru78, FP57, RRSW61, WWLF67, AF99,
Bus71, CNSS12, KMH+98, SLCO9, SVE+15].
Core-Level [Bru78]. cores
[ATC+15, LB98, SK98]. corporate
[GMX14]. Corporation [Don00]. Correct
[MG63a, Wyn64]. Correctable [How84].
Correcting [ABB+85, CR76, CH84, Grit60,
SS59a, Mac60, Meg60]. correcting/
detecting [AC84]. Correction
[Bo57a, BS70, Dah63, ELMR77, GSC80,
Mel60a, PL81, Par80, SFH65, Bos70b,
Gor63, Mel60b, OCT68]. Corrections
[PS80, PW68]. Correctness [Bi74, PV93].
Correlated [Lik88]. Correlation
[Lew83, Sta87, Wat60a, Fil70, Pes71, RRM17].
Correlative [TG91]. Correspondence
[WF87]. corresponding [Swi62].
Corrosion [BFH+93, GC68]. Cortical
[UC02, 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, KBAA07,
LRTM95, LCHL95, VMS+14, VNT16].
Cost-effective [HBC+99, KBA07].
cost-sensitive [VNT16]. Cost/
Performance [BGR82]. costs [KLHW16].
Counter [Car60, Spr63, ZG65]. countries
Cyanine [Lew78b, Mer78].
cycle-simulation [VMG99]. cycle-time [MCR+07]. cycles [MHI01, Mat03]. Cyclic [LCH74, LM80, Mel60a, UI65, Wyn64, BB09, Gla97, Gor63, Irv89, Irv01].
cyclic-redundancy [Irv89]. cycling [RHC73]. Cyclotron [DV64]. cylinder [Jan69]. Cylinders [BBT83]. Cylindrical [BGT74, Ken61b, KG63, Zab79, LC83].
Czochralski [LL83, MCF82]. Czochralski-grown [MCF82].

D [DWA+08, EFR+05, EK08, KYY+08, RG09, SAT+08, Sch67, SJMBK08, ZVW+11].
D-Chains [Sch67]. dairy [LZZ+16].
Damage [HD69, Fon99]. damascene [VBDA05, AUD+N8]. DAMOCLES [LFF90]. damper [LR79]. Dark [DA77].
DASD [KLRS96]. dashboards [YMR14].
Data [AC64, And65, ADST88a, AHN+N3, BJS80, Ber76b, BL98, CAE+76, Cha75a, Cla03, CPCC18, CMW92, CDH64, Cro79, DSW63, DG84, DC73a, DGB78, DAUS91, DMP95, Eas75, Eas86, EKMW64, Fal70, Far83, FLCB85, Far91, GLS74, GLP76, GST4, GHK67, God74, Gri69, Hal76, HLZ+09, HF78, Hop59, Hop61, HP84b, JSS81, JMLW94, Kan78, Kob70, LS76a, Lew80, LS76b, Lom77, Lom80, LN79, Low78, LSH76, MC81, MH98, Mul74, Mur57, NB61b, PTRC16, Sow76, SW74, Tas57, Wal58, WW75, WY76, ARG00, AKRS04, ASR07, ADST78b, AT8+88, ABB+00b, BK74, BDMN14, BCG+09, Ber76a, BGL07, Bev69, BFT13, BKM+69, BC18, BMS+17, BL15, BBI94, BBC+08, Bro72, BSRM09, Car10, CGM+15b, CP13, CN18, CDC96, CN71, CDP+09, CNSS12, Cor69, Cra98, DF15, DBK82, DCB77, EB06, EO10].
data [ESW+95, FGG+13, FHP01, GZE+05, GDSL14, GAB+08, Gra71, GRS13, Gus03, HvK1+09, HTH+09, HRF+17, HKD06, IMC+10, Irv93, KBJ+18, KBF+12, Kan15, KCML13, KOP14, KB74, KBF+04, Kon69, KSSC+13, KDG15, KSA+04, Kri82, KACS95, KRS+17, MTF+95, MYKK+17, MA96, MC94, MC+15, Mel60b, MAD+98, MI10, NMV+09, NMT14, OTC14, OOL+12, PMS+17, PK03, PR71, PMW06, Rei69, SG71, SCI05, SI09, SG94a, SBB+09, SNA02, SLJ+15, Sto91, SMX+14, TB00, TG91, TJK03, VMAB18, VRA+09, Wie76, Yas07, YMR14, YR91, CDM+14, Cop94, GGH+13, HAG+13, HCG+13, JSS13, Mal13, RCP15].
data-based [SMX+14]. data-center [MI10].
Data-centric [HLZ+09, DF15].
Data-Recording [SW74]. Database [Eas78, FLW78, Fag77, LDS91, TPF+91, vV86]. Dataflow [PMS+17].
datasets [GDB16]. Data Stores [RCF+08].
Davidenko [Bre72]. Davidenko-Branin [Bre72]. day [DSS+92].
Days [Gol87, Smo04]. DC [Ho75a, Sak79, WF83].
DC-Balanced [WF83]. DCs [We19].
DDR3 [VLT+12]. deadline [CSW73].
Deadlock [Ahn79, Ahn80, AB+10].
debonding [RKL88a]. debt [Mar12].
Debugging [DFF+15].
Decay [DB79, SG71].
Decmial [DDZ+07, Gri90, SKC09, WET+10].
Decision [KT73, Pet77, RS9a, AYA14, CDC+10, FKOW16, JWW+11, LB07, LPMG14, MD12a, Mye72, PW72].
Decision-Feedback [KT73].
decision-maker [MD12a].
decision-making [PW12].
decision-support [JWW+11].
decisions [GMX14, ZBG+10].
declarative [NMT14].
Decodable [LM80, LKC80]. Decoder [Pat86, Sav70, Smn57, Bla84a, Bla84b, Nob95b].
decoders [LL99]. Decoding [Jel69, Mer88, Moo60, UI65, Kob71].
Decomposing [BZ06a]. Decomposition [BRA84, DC73a, DCC77, PL79, PAH+18, HT69, KPB+12]. Decompression [KMH+98]. decoupling [HOWP92]. DED [Hsi70]. deduction [AC92]. Deductive [Wat60b]. Deep [BBD+17, CK17a, CNP+17, KSA+04, MM812, SH89, AC92, ARS+17, BHW+17, BSRG17, GKT17, NG17, Lin76]. Deep-Level [SH69]. Deep-UV [Lin76]. DeepQA [GLK+12, KPB+12, KPB+12, WKF+12]. defaults [CHdtG92, dTGHC92]. Defect [DJ70, FF73, HB74, SARG80, Sta83, Sta85b, WA79, BMT+90, HS71, YCB05]. Defect-Related [SARG80]. defective [Hui90]. Defects [HR85, HR86, Sta84a]. Defense [HT16]. Deficiencies [SK69]. defined [AAB+14, AAS+14, AHM+14, BBG+14, DOJ+14, EM65, FHL+14, KRD+14, KFW+14, LBC+14, MSV14, SMC+14]. Defining [WSE+16]. Definition [CAE+76, Lom80]. Definitions [CT65]. Deflection [ELMR77, FBW77, ZWE65]. Deflector [KHKM64, Rab69]. Deformation [GLCW93, WS72]. Degradation [HW87, Lud00]. Degree [Hau67, MM94]. Delamination [AGLM85, KLO87]. Delay [BDMW81, CAL81, Fra80a, Fra82, BH95, BMT+90, CH06, FN95, KSK98, MB+90, NLP17]. delay-cost [FN95]. delay-test [MB+90]. Delayed [BSSZ76]. delivered [HSS+10]. Delivering [ODL+09, OEN+16, VSS+09]. delivery [BNN+09, JQB+09, KJS99, LRV+09, TAG09, VMS+14, YAR12]. Delocalized [HSH+88]. DELPHI [FRPG01]. delta [LYK80, HF91]. delta-decodable [LYK80]. Demagnetization [Kum65]. Demand [ABG+09, BT84, Fro84, LMT84, Elg11, WAC+16]. Demodulation [Hop59]. demonstrator [GP06a]. demultiplexor [AF99, RT99]. Dendritic [PCDW78, TMW+17]. Dense [GSC80, AGZ94c, FKK+03, Gus97]. densities [ABB+08]. Density [BDWZ83, BKM80b, BCRW82, CDS+86, ERL88, Gra80, Haa61, LH81, Ove70, PH74, Pat85, Sch85, Sko58, Sta85b, CCJH81, Haa00, MTF+95, Nai02, Ngu99, PSA+08, Pat73, PK88]. Department [Gol87, WH94, Oka69]. Dependability [ST89]. Dependence [BRU76, CH74, Dun69, ODR70, Sve62, Tin62, WH70, Sar91a, vHv+89]. dependencies [Fag77]. Dependent [Fra79, AKKKJ72, Fro71, Mel60b, Nes98]. depletion [LBT99]. deployment [CDG+10]. Depolarization [KH75]. deposit [Jon72]. Deposited [Ahu66, KEJ78, O’H78, PDM67, SJ70, AF68, Gr99]. Deposition [Ham78, KS79, KJJW84, Bea90, CNC+95, CNS+99, Fon99, GMP90, JL90, Mey90, Mey00a, Ngu99, OHWR88, Ros99, SLR72, YAJ90]. depth [CBV08, SS86]. depth-first [SS86]. Derivation [Mar64a, SS65]. Derivatives [Ins76]. Derived [ARV64, LS73]. dermoscopy [CNP+17]. descent [Lan66]. Describing [Her66, NB61a, NB61b, Can73]. Description [LST80, MO84, OHM+85]. Design [AKK+67, ABCR65, Abb66, Aic84, AAC+05, ABPS66, AF99, BM84, BBSW07, Bea90, BHP83, BFL69, Bos97, Bro78, CD78, CT82, CDS+86, CMRP64, CA84, CCG+64, CCG+81, CBB+05, CP63, Cor82, Cor84, CDS73, CDS00, Dan81, Dav82, Dha68, EBH+16, ESA02, EGH+96, FHVZ80, FLC85, FN71, FGM+83, FHL+82, FPB+11, Ghe80, GAOD71, GH69, GR92, GHK67, GLL80, GHKO57, GS82b, HNS+03, HPWW81, Has06, HP66, HD73, HY84, Hea76, HO96, Jur78, KS90, KMO64, KC66a, KKT+95, Kos15, Kue60, LV67, LL93, Lip92b, LST80, Mac60, MD+06, MO84, MFT77, ML82, MDR+07, MM82, MI98, MAD+98, Mon82a, MHR90, Mul74, MT64, Nii95,
Diagnosis-Oriented [FE75]. Diagnostic [CW38, Sch67, TS82, Osb93]. diagnostics [GBB+05a, PHCM05, SMK+99]. diagonal [CAW+98, KFYU92]. Diagram [MJ69, MS87, SN87]. Diagrams [CA84].

Dialogue [Hei76]. Dialogues [LG78].


Difference [Ano67g, Ano67u, AG72, CFL67, GM72, Lax67, Wid67]. Differential [Cho75, MFT77, CXZ+17].

Digit [Meg63b, Meg63a]. Digit-by-Digit [Meg63b, Meg63a]. Digital [AC64, AP82, ARV64, BH95, BJS80, Ben59, Ber76b, BBD+98, Coo82, DMP59, EHHP67, Fre67, GT87, HB73, HP4b, Hor62, Hor76, KLS66, KHKM64, KLE71, LL83, MG62, MBF+13, Mon82b, Nus76b, Par66, San83b, UMK+84, VSF65, Voi65, WSW83, Wal58, Wel61, van77, AFFS98, AJH+57, CFW82, CIJ+10, CN71, CNH73, CLH+16, DH69, Gri69, Hip70, Kob71, KdAC+15, KBC+03, Mar98, MZS+03, NMH+07, OCT68, Peh69, SPR+95, TR77, Ung72, GH96].


Dimension-independent [MM94].

Dimension [AW76, Blu79a, Bog79, BRR79, CW85, CHS82, Er98, Far83, FF73, Gau77a, GHP+85, Gro76, KO69b, KO70, KW83, LC80, OHM+85, Pim76, Thu60, Wym57, Zwe65, ABG+95, BMS91, BS91, Gam72, Her72, KM68, KAD+08, Mar71, MN03, MS89, Ne89, Sto91, TLS+06, Tu90, YR91].

Dimensionality [Azb88]. Dimensions [CGR88, AO01, Sho04, Yet89]. Diode [AO60, AFR62, CPZ63, Esa62, IBC64, MT64, Ret59, AA71, Mos61, Spr71]. Diodes [BLB+63, HA58, LDD63, Mar60b, MWN63, NM62, Pea69, Ret64, Wei65, CA01, HC69, HP01].


Direction [Kum65, RR83, Wid67]. Directional [Bla63, CSY79, GRT74]. Directionality [BLB+63, LDD63]. Directions [Hor00, AR98, BYY98, MDA+02, SP90]. Director [GLS92, RKMY02, Ros03]. Directory [BCCK92]. disabilities [CGM+15a]. Disaster [PWW13, AAF+09, BGS13, GJB+08, RVT+13, SPB+17].

disaster-recovery [BGS13]. Discharge [LS78, Pen79, RP78, SS78, BCCK92, SBG+71]. Discharges [KM70, KM00]. discontinuities [PM72]. Discontinuity
[Che64]. discontinuous [MM75b].
discounts [SMSC14]. discoveries
[PMS+08]. Discovery
[MDMN10, BBC+12a, CTD+16, MDJV08,
PTRC16, SNP06, STW+08]. Discrete
[Fra82, Lik88, MT77, BGK62, Gre59, NQ78].
Discrimination [Bla88, FXL01].
discussions [RK15]. Disease
[PAH+18, PCW+17]. Diseases
[FE75, CXZ+17]. Disjunctive
[(Ga57, Rai69]. Disk
[Ada80, BT78, BFT79, BBT85, CM74,
Coo90, DB82, Hea76, Hoa61, How84,
JHH+81, Len74, MR79, Mul74, MT81,
ND57, Oslw74, SW74, Adl87, AFF96, BCT89,
BE03, Dec90, FMP893, HDBR88, HBP+81,
Hoa00, HHA93, HS04, Jon72, MNN94, ND00,
Ono93, Pat89, Sch96a, SPR+95]. Diskette
[DB82, Eng81]. Dislocation
[BA62, IM60, JD66]. Dislocation-Induced
[JD66]. Dislocations
[DH61, MB75, MKP73, FMS+92]. disorder
[Haa70, HHB+89]. Disordered
[Pen88, Was88]. Disorders [Ins77].
disparate [BL15, SSY12]. dispatch [ET69].
Dispatching [And73]. Dispersion
[KBHC66, YWWK64, PL73, Shi72, WL73].
Dispersive [Hua79]. Displacement
[Che64, Sko58]. displacements [CMR72].
Display
[AS78, DSW63, Far83, FLCB85, GBS+87,
Lan74, LS78, MLGD84, Mcg92, OPR+78,
San83b, AN98, ARM+01, CAW+98,
DRC98, How92, LCL+98, NSOO98].
Displaying [BBPS91]. Displays
[BJS80, DC82, SW98, SS78, APO192,
AIH+98, KFYU92, LL98, RDD+98, SST+98,
TSH92, TCC98, WR90, WWA+98].
disposal [Fre72]. dispositioning [BKP82].
Dissimilar [BBT60]. Dissipation
[KL70a, Las61]. dissipationless [BZ06b].
Dissolution [ito01, TO77, Dat93].
Distance
[DPR86, Mar61, Pat70, Mac60, Nef90].
distances [HW72]. Distillation
[Bil70, Bil72]. Distortion
[ELMR77, Fal70, SFH65]. Distributed
[BHW+17, CMW92, MW82, RC17, ABE+02,
AGZ94b, CN94, DP13, HG14, KCML13,
MDJV08, MN97, NG17, VRA+09].
distributed-memory [AGZ94b].
Distribution
[CL74, Don81, KO65a, NB61a, NB61b,
Ree69, Sak79, Du90, ESM16, Hos94, HS71,
Jon72, MWW+07, Pai72, RWP16].
Distributions [FL59, Sta85b, Sta86, SST69,
AKKJ72, BTWY92, KMK68, KO69a, Sta73].
Disturbances [Sat63]. Divalent [SS61].
diverging [PH81]. Diversified [Kuh88].
diversity [BM96]. Divider [KP59].
Division
[CM80, HP84b, Meg62, Ther5, Age04, Age05,
Age08, Che06, Che08, NR+90, Ros03].
Divisors [Erd59]. DNA [Cle81, Pic87].
DNS [SJW+16]. do [Rus04]. Document
[Cha87, CPM87, Cla79, KCM13, Mar98,
YAH+96, ZY72, WCW82]. Documenting
[Wri83]. documents [FKGF12]. DOD
[SBT87]. Domain [BB60, Cun57, DKAC67,
Frc79, G570, Gnn65, Gnn66a, Gnn66b,
Gun69, Hut74, MMT60, Mid65, Mid66,
PW67, Sch75, Sot66, Spe69, Aas70, BK76,
CCG73, Jco0, Pes71, Wrd6, van89].
Domain-Wall [Slo66]. Domains
[MS87, MSW69, SN87]. Donor [Kau81].
Donors [FPS66, PF66]. Dopants [AS78].
Doped [BA62, CL74, SH69, WB70, ABK89,
SKEG+98, YTF+11]. Doping
[ADH70, Sou64, AdH00b]. dot [ZH89].
Double [MM75a, Mel60a, Mid65, SB64,
WS75, LKFU05].
Double-Boron- Implanted [WS75].
Doublers [RP66]. Doubling [Mar59].
down [Man90, Now02]. DRAM
[ADG+95, BDN+02, Del08, EBD+95,
FKOP90, FEC+15, IBP+05, IFB+11,
KBS+99, MDP+02, SHDK95]. drawer
[BHH+15,CAC+13]. Drift
[vS57, MWX+17]. **Drilling** [Wre83]. **Drive** [CDS+86, Hel79, Kum65, PRY65, AFF96, BE03, Eng81, FMP93, Led71, Ono93, SPR+95]. **Driven** [Hor62, Lin84, Mou86, Pref66, BW72, G9W1, KRS+17, MDJ08, Pon17, SLC+97, TSH92, TWM+14]. **driver** [ADH+06a, DTTK95, MVI+15, NSO09]. **Drives** [BBT85, ILH03, Sch96a]. **Driving** [DYK10, KSK98]. **Drop** [BT84, FBW77, Fro84, Lee74, LTM84, Pin76, SBT87, Twa77]. **Drop-On-Demand** [BT84, Fro84, LTM84]. **Droplet** [PL77, KRC68, TZZ+11]. **drug** [PMS+08, SNP06]. **drum** [LC83]. **Dry** [AGLM85, Hsi99, OR92]. **DTP** [GZM92]. **Dual** [GZM92]. **Dual-tapered-piston** [GZM92]. **Duality** [Hor60]. **Due** [ASV76, Lan88, BS71a, Lan57, Lan96, Lan00]. **During** [CW77, Das77, Gil79, KWWJ84, MJ870, Pr65, Zab77, BTC89, DRR93, GK60, 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, Gha75a, HM66, LST80, MCA83, MW+14, MN97, PH65, Re66, SW74, SM63, Tros08, WT77, Woo75, el 89, BJ+06, BGL07, BL15, GLOS92, LA80, MDB+02, MWW+07, MS07, OD17]. **Dynamical** [Kra81, Lan85, CHG94]. **Dynamics** [BBT85, Dah67, Fro84, HA71, JVW62, ACM01, AB+01, BKH76, BCT89, BMS091, BKK+08, Bru76, ESM16, EFG+05, FMP93, Gyg08, KHZ+08, Las61, LR79, MN03, PZGL91, SPP+05, TWR89, TZZ+11, WNBP91, ZEH+08].

**E-Beam** [Gil84, PW78]. **e-commerce** [HRZ14]. **E.** [LFR05, VLBW14]. **EagleEye** [ZBG+10]. **Early** [ABB+13, BBH+81, DBB+02, GZE+05, Gol87, Mou86, Spi93, BBS+03, EFR+05, ITS+15, Smo04, SPP+05]. **early-stage** [BBS+03]. **Earth** [WA79, Ber76b, KW76]. **earthquake** [NC+80]. **easier** [MBF+13, PB+07]. **easy** [SBF+97]. **Ebola** [BMF+16]. **EC12** [CAC+13]. **echo** [CN71]. **Echos** [Hor57]. **ECL** [DMR+81]. **ecology** [PW72]. **Economic** [Agi74, El 74, KRS+17]. **ecospace** [LHS+17]. **ecosystem** [DKR12, GW18]. **Eddy** [Dui59]. **Edge** [BB60, LMD70, WB70]. **Editor** [And80, Ano95b, BC60b, BBT60, BB60, BD62, Bre60, BA62, BLB+63, BN63, Car60, COC61, Con60, Cow87, CK63, Dam66, Die62, Dod63, Dmu63, FMP61, FK62, FC63, Has62, IM60, Ken61a, Key61b, KW62, KKK61, KP63, Kr8u4, Ku63, Ku60, LDDB63, Le 62, LeI62, MW62, MV62, Mat60b, Mat62, MS60a, MP61, Mel60a, MWN63, MHS62, MG63b, NM62, ON60, Pal61, Par60, PK61, Rad62, Sch67, Seg62, Sm60, SB62, SS61, Tid62, Tit63, WKG60, Yun61, Ano05b, SPS+06]. **eDRAM** [MS05].

**Edsger** [FvGM90]. **Educational** [BNS15, NNF15, CR15, VRA+09]. **EEG** [Bol73, MYK+95]. **EEPROM** [Nii95].

**Effect** [AS78, Azb88, BTW62, BJM80, CFH64, DS70, DH57, FLW78, FEFH64, Gun66a, JF64, KO69b, KO70, Ker64, Kus70, MW62, MFP71, MU77, Mat62b, Nai02, PS80, Ph78, Pri57a, Pri58a, TT77, TH64, Twa77, WWMS79, WL70, ZZ69, CDS73, CDS00, KM73, Lane60, LJ92, Tan68, vK62]. **Effective** [CDG+10, DK10, KO65b, SBR64, DFNS17, GMM14, Gup97, HBC+99, KBA07]. **Effectiveness** [RP70, TBH+17, BM96, MDH+12, SYP12].

**Effects** [AOR62, BB60, BBF+05, BLB+63, Cle81, Col62, CC76a, Cre58, CGHK77, DS77, FK60, Gae79, GM62, GS70, HM89, KSW74, LDDB63, Le6b4, MG68, MN+69, Me62, Mid70b, Par80, PL73, PFS+70, RK66, Rec59, SM62, Sta5b, Swa57, TH64, Vu64, YS64, ALH95, GC68, Gou89, GS9AB3, GDR70, LBT99, Luh00, MRH89,
MNS69, MMJ69, NBF$^+$16, NBF$^+00$, RBK$^+$08, SNM69, TMF$^+08$. **Efficiencies** [HRF$^+$17, Jam89]. **Efficiency** [Ano65c, DSRC98, DMN$^+$59, Mar59, RP66, SJK70, BR99b, GKT17, HvK$^+$09, KDG15, MMM$^+$05, MI10, MS89, WYF$^+$03]. **Efficient** [AAB$^+$14, GRS13, HL72, Jur78, KR87, Luk74, SFH65, SS87b, Tom67, BTP$^+$90, vBBE$^+$02, GMX14, JWSP06, MC87, NDM$^+$04, NCB03]. **Effluents** [Shi72]. **Effort** [DBC$^+$06]. **eFUSE** [RFC$^+$07]. **eHealth** [AAJ14]. **eigenfunctions** [HM89]. **Eigenproblem** [Dub72]. **eigenvalues** [CW58, FW67, HM89]. **EL1** [Dav80]. **Elastic** [AW62, BP88, Che64, CS65a, CF72, Key61a, Kur87, Sat63, BEH$^+$89, EHK$^+$89, FL89, Jan69, LC83, Tap82]. **elastic-plastic** [CF72]. **Elastohydrodynamic** [VG74]. **Elastomeric** [Smi77]. **elder** [TOKN18]. **elder-care** [TOKN18]. **Electrical** [BRB92, BJMO80, But88b, Cha88, Dav82, DDA$^+$93, Gum66b, HM60, KP79, OPR$^+$78, OMAW60, Ruc79, SD85, SGC$^+$87, Wec79, ALH95, BPG$^+$16, BS71a, BBMP92, Bra68, CNG$^+$08, DHK$^+$92, DAS$^+$94, HSL$^+$10, Hei90, MKW$^+$05, Mat70, RWP16]. **electrical-conductivity** [CNC$^+$08]. **Electrically** [BMW83]. **Electrode** [CL64, RL70, DR93, DVM81, Sek93]. **Electrode-electrolyte** [Sek93]. **Electrodeposition** [LR65a, DKA$^+$05, Duk90, Duk93]. **Electrodes** [DK79, Jon72]. **electroerosion** [CP91, CAS$^+$91, CASP91, Pen91]. **Electroless** [BLR84, BRA84, HSM84, JK93, KWWJ84, GB93, OHWR88]. **Electrolessly** [OSP$^+$98]. **Electroluminescence** [ARM$^+$01]. **Electroluminescent** [ON60]. **electrolysis** [DR93]. **electrolyte** [Sek93]. **Electromagnetic** [Dum63, Bus71, Dav69, Pau89, PL73, Rub90]. **electromechanics** [NNN$^+$06]. **Electromigration** [ADH70, HRS$^+$95, SC88, Ver88, AdH00b, SD71]. **Electron** [Azb88, BGK$^+$82, Bro88, CSE66, CW78, Col62, DO74, DMWW77, Dav80, DEG$^+$01, ELMR77, GVE83, GOJN77, GWR89, GHP$^+$93, HG83, HWC88, Hor62, Jon65, Jon70, Kra81, KP95, Kue60, KM74, KP80, Lin67, MTH71, MW80a, JJ69, MPS77, MNP$^+$69, MP67, NM62, Par80, PS80, Ree69, RS69, SSN$^+$62, SG64, WPH69, YDHS78, AI100, ALH95, CHL$^+$11, DG93, FKOP90, FF70, HF90, KBF$^+$92, Lud00, MAG$^+$01, MHK$^+$11, PGN88, Ros00, SKB$^+$11, Tro00a, TTI98, VWJK11, WSL90]. **Electron-Beam** [Bro88, DMWW77, Dav80, ELMR77, HWC88, Hor62, KP95, KP80, MW80a, MPS77, PS80, BGK$^+$82, GWR89, FKOP90, MAG$^+$01, PGN88]. **Electron-Hole** [RS69]. **Electron-Transparent** [DO74]. **electron-yield** [CHL$^+$11]. **Electronegativity** [Mic78]. **Electronic** [BW81a, BHH$^+$15, FNF89, FW88, Fre70, HJS98, JK86, Key61a, Kog57, Kog58b, Kog58a, Kog59, KTS8, Lan86, Lud78, Hey69, SF81, SIE70, SCC88, SBC$^+$12, WR00, AN98, Kit89, PBC$^+$04, PK88, RR69, SJMBK08, TBB$^+$09]. **Electronics** [Key88, Key00, MCK01, SS01, ZCM$^+$96]. **Electrons** [Hon70, Lik88, Pri59, Pri65, Pri70]. **Electrophotographic** [BS84a, Bau84, Bro78, CEY84, EHMW81, SSL73, VW78, SBG$^+$71, Sta97]. **Electrophotography** [LAG$^+$84, TB82, Tu75, Sch71]. **Electroplated**
[Ros78, Smi60, AR98, CBH05].
electroplating [AUD08, HHA93, Hor98].
Electropositive [KJSG88]. Electrostatic
[AE77, FBW77, Fit57, Sch62a, Twa77, KWN01]. Element
[BRR79, BCGS81, DW58, GLS67, SSW65, Zab79, AEII04, BSHM01, BCGS00, Cor93, JL90, KL97, KN91b, VWEO2, You90].
Elementary [ACG86, Coo62, CLW79, Erd59, ACX87, Mar90]. Elements
[DMN79, Hoh78, RP67, SLLP64, HMO81, Okl03, van89]. eliminate
[MVI07]. Elimination [Gab70].
Ellipsoidal [NGMW57]. ellipsoids [Bar82].
Ellipsometer [HD73]. Elliptic
[Par67, Wid67]. Embedded
[BDN02, IBP05, CT06, FCE15, Hui90, IFB11, VTMB90]. Embedding
[HL94, Irv01, AKB17]. embeddings
[BHW17]. Embodied [BS84a]. embrace
[(DDKK12). emergency
[SLK16, VAB13]. Emerging
[HST06, LPA15, Tro00b, SGESR10].
Emerging-market [SGESR10]. Emission
[AC63, BN63, FP69, Gli69, MJS70, Mor79, RS69, SA66, SB64, SCHL66, SL66, SLHM67, SAL63, BSRM09, GRH08, KWT11, Lut00, MHW95, TK69, Tur69, VWWK11].
Emissivity [Bra72b]. Emitter
[Ph78, SGC87, GOVC71]. Emitting
[BLB89, DUM63, LDDDD3, MWN63, CA01, FPS66, HP01, RRB01]. Empirical
[SS89b]. Empirically [LS73]. Employing
[HA58, GB93]. Empuitive [And73]. Empty
[Or84]. emulation [Mey81, RT99]. enable
[HMP11, JGD08]. enabled
[BBD98, DDKKW12, Vay12]. enablers
[vKCD10]. Enabling
[AUW90, CLP98b, RSW+, RWP16, SM16, SSY12, TPC13, TCP16, DSZ12]. encapsulated
[Pai72]. Encapsulation
[VGC79]. encoders [BNW99]. Encoding
[BK74, KLS66, Pat75, Luh57, WRG99]. Encrypted
[VPS88]. Encryption
[Cop94, ACD15, BC18, CJM96]. encryption-based [BC18]. End
[HRF17, SCHL66, TAY81, ARS17, Lip92b, MDJVO8, PGS98, RRMD17, SN02].
End-Pumped [SCHL66]. End-to-end
[HRF17, ARS17, MDJVO8, RRMD17]. Endocrinology [SLG78]. Endpoint
[THL85]. Energetics [HB71]. energies
[Tu90]. Energy
[DKAC67, DDM75, Dou62, Fao81, Goo62, Hua79, Jon65, Jon70, Jur78, KL70a, KDG15, LS64, MJL69, Mc64, Mei62, NGMW57, RP66, SCYK78, Tin62, vHV99, ABB12b, Bar86, BSRM09, BR09b, CHL11, Cop00a, EHLISW01, FNRF89, FWR11, HvKI09, HZB06, KLLH16, KAF16, MHH11, NC03, RES15, RMM03, SKB11, SD11, SFF16, Tro00a, ZCK71, ZFD15].
energy-efficiency [BR09b, HvKI09].
Energy-Efficient [Jur78, NC03].
energy-filtered [CHL11].
energy-management [FWR11].
EnergyScale [MBF07]. engagement
[HR07]. engagements [BEJ14, RWB10].
engaging [SN15]. engendered [PH81].
Engine [BBHS84, CRDI07, BCK13, EK08, EK08a, ADG92, ABD92a, ADW92a, BBGE92, BBMP92, BRB92, BGG17, CTS92, CDM92, Cov92, CW91, DHK92, DSM99, DGG92, DGL997, ECD99].
Equilibria [Sha58a, CJ78b]. Equilibrium [Lev64]. Equipment [KFSZ92, Col69b, CMR72, RWM+05]. Equipment-related [KFSZ92]. Equivalent [BMS+17]. Equivalence [Don74, Dur70]. equivalents [AO97]. Equivalent [BRR79, Dod63, Kahl71, Str59, AO01, BDS+97]. era [JDBP10, MWX+17, RCP+16, Sha02]. Ergodic [MN03]. ERMI [VSS+09]. Errata [Ano66k, Ano66j, Ano66l, Ano05c, Ano06b]. Erratum [Ano66l, Ano01b, Ano06c, Ano08b, Lan84a]. Error [BM63, Bla79, Bos70a, BH82, BS70, CR76, CH84, Gri60, KST58, LT70, Meg60, Mel60a, MG63a, Mou86, OCT68, Pat80, SS59a, TL70, AC84, BSK+08, Bos70b, BH80, Dan66, Gor63, KBF+04, Mac60, MS96, Pat89, SKK+08, Sri96, ZMM+96]. Error-Correcting [CH84, Gri60, SS59a, AC84, Mac60]. error-correcting/detecting [AC84]. Error-Detection [BH82]. Error-Sampled [KST58]. Errors [Dah63, How84, PL81, Pat86, SH57b, SH57c, Wyn64, ZS96, DWW90, Del08, HDBR08, KLHW16, KOWO8, Meg60, Mel60b, ORT+96, RBK+08, Tan96]. ES/9000 [Att92]. Esaki [PR59b, Rut95]. ESCHER [SK+11]. ESCON [FGC92, CcLS92, ES92, GLOS92]. eServer [ABE+02, AFM+02, BEK+02, BHK+02, vBBE+02, CBB+04, CCW+02, FCS+04, GWS+04, GKM04, GOE2, HPW+02, HBL+02, KKS02, KKM02, PBC+04, PVAK02, SCS+02, SGK04, SNa02, SAB+02, SPM04, SvBC+04, SBC+02, VWE02, AV04]. ESPER [Onc93]. ESPER-2 [Ono93]. essential [KKT90, KKS02]. EST [DB01]. establishing [SJW+16]. esters [VBM71]. Estimate [Gam72]. estimates [Hei80]. Estimating [WYF+03, AP69, Mat03, Sit87]. Estimation [Bar80, Lin67, Mil83, Wel61].
estuary [KCH +09], ETA [HD73], Etch [PM72]. Etching [Chu82, CK79, vAR82, AHW +99, Fon99, His99, Ku92, MSG72, OR92, ODK +99, RKL88b]. Ethane [Win78], Ethernet [ITH +09, OBB +05]. Ethylene [Bli79a, Dem78]. EUDOC [PM +08], EuO [ODR70, PFS +70], European [ANO89], European [RWP16]. Europium [Dim70, Kas70, MVB62, Von70]. EuS [PFS +70], EuSe [PFS +70]. Evaluating [CXZ +17, EHLSW01, HS14, TOKN18, vV86a]. Evaluation [AC64, Far87, HHR99, KGF77, Sch81, TCH98, AC84, BMF +16, BDS +97, BMT +90, CGH +17, Dor62, HL72, KMC +11, MPP +15, Ris72, ST89, 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, TPC +13], Everett [NNMJ01]. every [WA15], evidence [MFL +12, SBNH13]. evidence-based [SBNH13]. Evoked [UC62]. Evolution [CMR +90, DfADNS98, GAB +08, HSL81, IK00, Jam81, JS81, KJW84, SF81, SCM +82, TJH83, ADG +95, ALS81, BCK +05, CS03, CM90, CM00, Gre97, Nai02, ODA03, RGPP95, Ste81]. Evolutionary [DBNK +17]. Exact [Mic72, Tak87]. Examine [Sch67]. Example [Sch67]. Examples [OH74, IBM13c]. exascale [NAB +15]. excellence [BWT +14]. Exception [GLS74], exceptional [Hof60], exceptions [LS73], Exchange [AAJ14, HP84b, Kas70, KW62, Far98, Jon98, Whi72]. Excimer [JWL82]. Excitation [LM85, Pre66, SL67, Les71]. Excited [GCPVG85, Mor79, ARM +01, HDK +11]. Exclusion [BCH84], Exclusive [FTY83]. Exclusive-OR [EPR +83], executables [Hei94]. Execution [CJ91, FH84, Toy79, WF87, APRS16, AEGP67, Gsc09, HM90, HHH86, MHR90, OWG +13, SSW91, ZS91]. Executives [NNF15], exemplified [Pig88]. Exhaustive [TC84], Exist [Bil72, LKY80, Ode64], Exit [Fis88, Mas97], expanded [FXL01]. Expanding [BL62]. Expansion [AFP +01, SAPI01, TFR +01, BAB +13, HSL +05, Jan69, Lew73]. expediting [ST17]. Experience [BCC +01, Ris84, JS14], experiences [ABB +13]. Experiment [BTW62, Bax58, Bla88, Dam66, DLK84, SBT87, ADG +92b, Nic92]. Experimental [BBT79, BFT79, BT84, BBT85, CSW73, CLOR87, CD85, CK63, DLW86, FGM +83, Hop95, Hor62, Mar71, Men62, Ris84, RS95b, SHWK +00, SLHM67, TSNF88, WRLA57, ZCK71, BF69, Kel73, LD72, Rei69, Sno04, ACF +00, BHHO59]. Experimenting [EO13]. Experiments [ALL77, Ben59, Hat72, KTL66, LR65b, ST75, Sch81, Gra71, JN82, KE89, SG71, ZCM +96]. Expert [DLW86, ADG +92b, EGH +86]. Explaining [CHdTG92]. Explanations [Gli69], explicit [VRL10], Exploitation [BIK +05, SSMGD10, CBB +05, MMS05, Sur15]. Exploiting [AGZ94a, FNY +10, LSY91, TM67, WEE79]. exploration [Kan15]. Exploratory [GLP76, PBC +06], Exploring [EHPS05]. exponential [Moo72]. Exponential [Che67], exposed [LG88], Exposure [Ahu80, BT67, ELR77, HHSW01]. Express [BBEE +02, GCS +12]. Expressions [BDH83, Hal76], Extended [CDG83, Gum83, OrT84, Pad83, LT75, SMS80]. Extending [MG63a, HMK01]. Extension [KOC59, LIO67, CA70, Lam77a, Pri66, TS69], extensions [CPT +08, CRA98, WAI05]. Extracting [ZW17]. Extraction [WR83, AAA +17, DF15, EKTT90, FKG12,
TWM\textsuperscript{+14}, WKF\textsuperscript{+12}. Extrapolation
[ Gaz78]. eXtreme [BBE+13]. Extremely
[RVV88, MPFJ71]. Extrinsic [Was88]. Eye
[RHM63, MG68].

F [LFR05, VLKW14]. f.e.t [HD73].

Fabricated [BBC\textsuperscript{+64}, O’H78]. Fabricating
[SLYR72]. Fabrication
[Ame80, ATW\textsuperscript{+08}, BHV85, BMWL80,
BCRW82, GKK\textsuperscript{+80}, Hat88c, HWC88, Hsi99,
MH98, Mid70a, PW78, RHM63, Spr71,
CAS\textsuperscript{+91}, Dha68, FCH70, KFSZ92, KRT98,
KOT99, LCHL95, MTH71, Mar71, MAD\textsuperscript{+98},
RK72, TW69, TFL\textsuperscript{+98}, ZCK71].

Fabricating [SLYR72].

Facilitating [SXYP12]. Facilities
[Gum83, LG78, CMR\textsuperscript{+90}, LS69]. Facility
[AMG\textsuperscript{+87}, GAC85, Lom80, Mul74, LL93,
Sds99, AC86, GRSW86, JMLW94, RV99,
SRO93, SV91, S97, S15]. Fact
[KB9+12]. Fact-based [KB+12]. Factor
[Bre60, Gia66, Hun99, CLP\textsuperscript{+13a}, SBR64].

Factoring [Bra87], factorization
[EG00, GJ00, Tuc68]. Factors
[CK63, Dav79]. fails [DFF\textsuperscript{+15}, ZCM\textsuperscript{+96}].
Failure [Bar83, DMP59, TAR84, TTF98].
Failures [Rot66a], fair [FW83]. family
[GR92, WD94]. Far
[GH70, GL62, OHH\textsuperscript{+02}]. Far-Infrared
[GH70, GL62]. Faraday [Kus70, ZS96].

Farey [LT95], farmer [FKOW16]. Fast
[AEG\textsuperscript{+02}, God74, Gup97, HJ\textsuperscript{+01}, Jel69,
KP59, KHK64, Mil83, Raa76, CDC96,
Cra98, ES\textsuperscript{+12}, G88, Har71, Won90, Bra94].

Fast-Switching [KP95]. Faster [WT77].

Fault [Keh65]. Fault
[Aic84, BH82, BCH84, BKRF02, CTS\textsuperscript{+92},
Com83, Sta84b, Sta85b, Sta86, Sta9a,
Cov92, SGG9, Sta89b, Sta9c, TSC91, CR84].

Fault-Isolation [BH82]. Fault-simulation
[Sta9a]. Fault-tolerance [CTS\textsuperscript{+92}].

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

FCP [ABE\textsuperscript{+02}, SAB\textsuperscript{+07}]. Fe
[LR65a, MMT60, Mid62, Bru78, LR65a,
Mid65, Pes71, YTF\textsuperscript{+11}]. Fe-B [YTF\textsuperscript{+11}].

Feature [CJH\textsuperscript{+15}, Duk93, FS82, Kur87,
BH8\textsuperscript{+17}, TWM\textsuperscript{+14}]. Feature-scale
[Duk93]. Features [CMRP64, Gli69, BEE\textsuperscript{+02},
DHK\textsuperscript{+92}, FWR\textsuperscript{+11}, HJW\textsuperscript{+16},
MPP\textsuperscript{+15}, SNN\textsuperscript{+15}, SJZ\textsuperscript{+15}].

Features-based [SJZ\textsuperscript{+15}]. Federal [OO81].

federated [RBL\textsuperscript{+09}]. federation
[LNT08, NVM\textsuperscript{+09}]. federation-based
[NMV\textsuperscript{+09}]. FEDSS [BHV85]. Feedback
[KT73, Rei66, Cov92, DRSM15, Gus76a,
Gus76b]. Femtosecond
[TWRW89, MHW95]. FEMvis [Ba191].

Fermat [Nus76a, Nus77]. Fermi
[DV64, DM64, Sou61, WS64]. Ferrite
[BBC\textsuperscript{+64}, CM74, Pol78, RRSW61, Sha58a,
Tan74, WWLF67]. Ferrites
[NBRB70, She59b]. Ferroelectric [Tri58].

Ferromagnetic
[TH70, Wh70, Haa70, Vur70].

Ferromagnetism [Mat62a, Sui75].

Ferroresonance [SH87]. FET
[BBH82, Gra80, LST80, MId70a], FETs
[KS90, RG90, SHWK\textsuperscript{+90}]. FFT [Cve87a].

FFTs [EFR\textsuperscript{+05}]. Fiber [DSM\textsuperscript{+99}, ABD\textsuperscript{+92},
GLOS92, KACS95, CMW92]. fiber-optic
[KACS95]. fibers [BS06]. Field
[Azi88, Boe69, Dou62, DSSS64, D70,
DH57, DPR86, EG80, FHH64, FK62,
Gar86, HBL62, JT66, KO69b, KO70, Kro58,
Ku63, LCS0, Meta70, OTR\textsuperscript{+96}, ODR70,
PW67, Par60, Rec69, Sw62, Tif62, TH64,
Vui64, Wh70, Wol70, BHS9, CDS73, CDS00,
DAB\textsuperscript{+97}, KM73, L92, MHW95, Vur70].

Field-Effect
[KO69b, K70, Wol70, CDS73, CDS00].

Field-emission [MHW95].

Field-Quenching [Boe69]. FIELDAY
[BCGS81, BCGS00]. Fields
[AV76, Lan88, Dic91, HRWZ87, Lan57,
Lan96, Lan00b, Lew73, RE71]. Fifty [BS03].

Figure [Esa62, Gl66]. Filaments [Bar69].

File [HP63, Hea76, How84, M181, ODA\textsuperscript{+08},
Osw74, van72, van73a, Bon97, BGW91].
Coo90, GA68, HBP+81, Has98, JSS13, LNT08, Nii95, vdP72, van73b. **Files** [BFT79, Len74, WY76, Dec90]. filled [FGMPK05]. **Film** [ABPS66, AGLM85, Blu79a, CC76a, CM74, GLS67, GS84, HM60, HCBAS2, JT66, KJMS67, Lan85, Log70, MJS70, McG92, Ove70, PH79, PSS67, RK66, AT00, APOI92, AR98, Bag94, BHMO59, CWC95, CF72, CCH96, CPTW98, DM01, Fuji92, Gro59, How92, HRS+95, JMM+96, KC89, KFYU92, Kuo92, KOT99, Lew78a, LL98, LCL+98, LS72, Mic59, MVEJ05, Pat72, PGS+98, SLK+97, SGS+90, TSH92, TCCH98, Tho94, TTI98, TKK+92, WWA+98, van89]. **Films** [Ahn66, ADH70, BB60, BBG60, BP75, Blu79b, BBT79, Boy60, Buc99a, Cha62, CH76, Coo62, Dav77, DH83, DP59, DPW60, Die62, EGS60, Flu67, Fre62, GM63, JC63, KDBT60, KH75, Klo87, Kro85, KEJ87, KG63, Kum65, KHBC66, KC66b, Kur57, KM74, Lin67, MPT66, MU77, MS60a, MMT60, Mid62, Mid65, Mid66, MW67, NM65, OHS76, PC64, PDLM67, PBF60, RSSS82, RF78, Rec59, SK69, Sch75, SJ70, Seg62, SBF64, SFD77, Slo66, Smi60, SSTF77, AF68, AdH00b, BNT86, Cha69, CCG73, CDM89, CNS+99, DPW00, GSG+90, GMP90, GLG+99, LFC95, MFPJ71, MFS+11, Ngu99, Pen69, PW68, SF93, SAK70, SD71, SGT78, SHS90, SHS00, TCH98, Tu90, WL73, You90]. **Filter** [COC61, Dod63, God74, Low78, RTM65, VSF65, BKF11, KU11, Peh99]. filtered [CHL+11]. **Filtering** [FF73, Nus66b, Nus77, PLH70]. **Filters** [Pis74, Roe66, GM69, WPH69]. final [BKPS82]. **finance** [RS14]. **Financial** [ABD+14, HS14, Car10, KOP14, LSS14, RAR+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]. **Fingertips** [Goo58]. **Finite** [AG72, BF63, BCGS81, BCGS00, Cor93, Hoh78, RS59a, Ros66, You90, BSHM01, EM65, GA68, HMSO81, HMSO81, JL90, KN91b, Lan66, MHI01, Mic59]. **Finite-Element** [BCGS81, BCGS00]. fire [PKKK07]. **Firm** [And10]. **Firmware** [KWH+12, AHM+07, ABB+15, GHL+04, KKB+09b, SMP+04, SvBC+04, TAE+07, TCK+15]. **First** [HPW+02, Koz81a, SM62, Swa57, WBH+04, CRD107, DL02, FCE+15, GP06a, Gyg08, KBF+04, Koz81b, SS86, ACM01]. **First-Order** [Koz81a, Swa57, Koz81b]. **first-principles** [Gyg08]. **first-time** [DL02]. **Firstfilter** [VNT16]. **Fitting** [Nor58]. Five [An61e, Fre04]. fixed [SG94a, TLM83, ZT+13]. **fixed-point** [SG94a]. **Flash** [Bau84, CAC+13, Lai08, Nii95]. **FLASH3** [FK+08]. **Flashlamp** [SL67, HA71]. **flashlamp-pumped** [HA71]. **Flat** [Kum65, BE03]. flaws [Mar12]. **Fleshing** [MW80b, WM81]. **flexibility** [BBSW97, EBD+95, KWN01]. **Flexible** [Ada80, ALL77, BT78, BFT79, BKU88, BBK86, CTT66, GHK67, Hai85, PVDF95, Pol78, PVAK02, Tib93, WSBL90, Wit85, DAA+93, KDG15]. **Flexible-Disk** [Ada80]. **flip** [Hei90]. **flip-chip-mounted** [Hei90]. **Floating** [ABC+99b, AEGP67, BD96, Cli90, SW90, CBB+05, DTH92, DDZ+07, GWS+04, HHH94, HM90, JO96, MHR90, SMM97, SK99, SKC09]. **Floating-Point** [ABC+99b, BD96, SW90, AEGP67, CBB+05, DTH92, DDZ+07, GWS+04, HHH94, HM90, MHR90, SMM97, SK99, SKC09]. **Flood** [Tod78b]. **flooding** [TPC+13]. **Flow** [CTT66, DH61, KWW88, LL83, Lev77, Tit61, Wit85, IMC+10, LPPT86, Lom77, FH81, VJA07]. **Flowcharts** [SBH82]. **Flowgraphs** [BBC80]. flows [BS91]. **Fluctuations** [Was88]. **Fluid** [Pro84, Lev77, TC63, Bru76,
SRL+11, VLP+05, WMH+97, AGZ94a, GMS05, KAB+12, MMR89, SWF+09.

**functionality** [SNA02]. **Functions**

[ACG+86, BBT79, Bra87, Bur75, Cel65b, DC73a, EP86, Hor76, Hud63, Rem67, Ris84, Sta67, Ull65, ACG+87, Cor69, DH69, DBC77, DH03, EFG+05, Fil70, FTY83, FJSS89, GM73, JC00, MN70, Mar90, May60, MM75b].

**Fundamental**

[Ano62e, Lei62, Mar62, Ver88].

**Fundamentals** [ZFE06, Mey90, Mey00a].

**Further** [Fla91, FC63]. **fused** [AEG+02].

**Fusible** [FT80]. **Fusing** [Ban84, Bro78].

**fusion** [ETWO08]. **Future**

[AR98, Fra79, GA84, BK+90, Isa00, JMM+96, KBS+99, Lawo2, MBB+02, NHKI03, Theo0, TB00, VDD+00].

**Future-Dependent** [Fra79]. **fuzzy** [BC00].

G [CS03]. **G3** [Mau97, RGP+97]. **G4** [Mau97, RGP+97, SSM97, SCC+97, SWC+97, WMM+97].


**G6** [ABB+99, CS99, JLM+99, MA+99].

**Ga** [MKP73, LMP+99, TZZ+11].

**GaAl** [Cro79, LSH79]. **GaAlAs** [DC82].

**GaAs** [NV78, BGS64, BLB+63, Gun66a, Gun66b, HV+90, HD69, HDFN+63, IBC64, JVP+90, Jon65, LDD+63, Lud78, LSH79, MB75, Mar60b, Mar64c, Mar71, MWN+63, PR65, PRI+65, Reo69, SSC69, SA66, Spe69, SAD63, TZZ+11, Tit63, Wei65, WW71].

**GaAs/LSH79**. **GaAs/AlGaAs** [HK+90].

**Gadolinium** [SK69, SOC59, MKP73].

**Gadolinium-Iron** [SOC59]. **Gafac** [Sch84].

**Gaining** [CFI+99]. **Galapagos** [MDJ08].

**gallate** [GSG+90]. **Gallium** [And60, vM66, MKP73].

**Galvanomagnetic** [TH64, Vui64].

**Game** [Sam59, Sam67, Tuc60b, Lew12, PW72, Sam00, TGL+12].

**gamification** [CR15].

**gamma** [Sta73].

**Gap**

[Dou62, FK62, Ku63, Tin62, FPS66, PF66].

**gaps** [Thi88].

**Garnet**

[Dav77, Mee67, SK69, SOC59, MKP73].

**Gas**

[AS78, BL62, BDM+78, GBC65, Ham78, Lan85, Lan74, LS78, LCH74, OPR+78, O+78, PW78, RP78, RBC78, SSS78, VGC79, Anc71, BH2O59, Grop59, Hun71, Mic59, SdS89]. **gas-phase** [Hun71]. **GaSb** [Lud78].

**Gases** [Cas60].

**Gasifier** [Sti79].

**Gate**

[Dan81, GS80, OAC+99a, AIH+98, BBH82, Buc99b, CCK+99, CAC+95, CDS73, CDS00, EB99, FCE+15, HD73, HBC+99, HBB99, JVP+90, KM73, KS79, Luc99, ORS99, OKH+02, SHW+90, Sta02].

**gate-delay** [KSK98].

**gate-first** [FCE+15].

**gates** [GNF06].

**gathering** [MFL+12].

**Gazalé** [Rad62].

**Gb**

[ABB+98, ESW+95]. **Gb/in** [ABB+98].

**Gd** [MPK73, OHSP76].

**Gd-Co** [OHSP76].

**GdCo** [Sch75].

**Ge**

[BC60a, BC60c, BC60b, Bay69, IM60, Jon65, Mar60a, Mar60b, Mey90, Mey00a, OMAW60, SAK70, SLY72, SSF11].

**Gene**

[BCK13, ABC+05, ABA+13, AAC+05, ADG+05, BSJ+13, BG+05, BB+08, BHD+05, CCD+13, CBB+05, CP13, CLE+13, CAC+08, CBC+05, CHT+13, DT08, DLJ+08, EO13, EFR+05, EWS+13, FKL+08, GBC+05, GBB+05a, HBB+05, IBP+05, HKZ+08, LKFU05, MSW+05, MAA+05, OBB+05, OWG+14, PM+08, RIB+13, SCG+14, SPP+05, IBM13a, IBM13b, IBM13c, WAB+05].

**Gene/L**

[ABC+05, AAC+05, ADG+05, BGC+05, BBK+08, BHD+05, CBB+05, CLE+08, CBC+05, DT08, DLJ+08, EFR+05, EWS+13, FKL+08, GBC+05, GBB+05a, HBB+05, IBP+05, HKZ+08, LKFU05, MSW+05, MAA+05, OBB+05, OWG+14, WAB+05].

**Gene/P**

[IBM08].

**Gene/Q** [BCK13, ABA+13, BSJ+13, CAC+13, CP13, CLE+13, CHT+13, EO13, EWS+13, OWG+13, RIB+13, SCG+13, IBM13a, IBM13c].

**General**

[CHW75a, GM73, Hor57, Luk75, LSH76, RP78, Tay81, Wes78, DAUS91, Fra80b].
Gra69, dTGH92, HRW69, LH84, QS67, SS82, TLM83, Kov06. General-Purpose [Tay81, DAUS91, Gra69, LH84]. Generalizations [Dor62]. Generalized [Azb88, Coo84, LB85, Ris76, Rob87, ACC+15, BHM04, EM65, Gus03, Str68]. generated [BL69, CN18, CPCC18, KBJ+18, MS89].

Generating [OH74, RHM63, van77, WLEF89]. Generation [Bea74, BMS80, CW85, Chi86, CN71, DGL+97, Sch67, TC84, Ver80, ACD+15, CCBF+12, DEG+01, HRS07, JGD+08, KWB+15, KAB+05, KCA+95, Lan61, Lan00a, LSF84, LBB+13, MWW+07, OW00, SH+16, Tan08, VPD88, VTMB+90, WAC+16, WD94]. Generator [EL80, CL86]. generators [AEG+02], generically [Gri04].

Genes [Pic87, DB01], Geneva [HP66]. GENRAND [Wilt7], geo [BDMN14]. geo-social [BDMN14]. Geologic [ABC+85].

Geological [SM78]. Geometric [Gol69, JS89, Rea59, RR87, SJ89, WLPL+80, EKR87]. Geometries [Dem78]. Geometry [Ga79, Ins77, GA68]. Germanium [And60, BA62, DH61, Hun59, Key61a, KK59, MN67b, NM62, SFG+06, GC68, MNS69, Mey00b, Paif69, Seg86, SNM69].

germanium-based [Mey00b].


gigahertz [Okl03]. gigascale [MDZH+02].

Ginzburg [Dou62, Sch89]. Given [OG87, ODA03, Sug59]. Glamor [LNT08].

Glass [IBC64, Ker64, MLSS84, MVK85, PW78, Pea69, Tan74, FKSZ92, TKK+92, YCB05]. Glass-Bonded [Tan74]. glass-ceramic [FKSZ92, TKK+92, YCB05].
glass-ceramic/copper [TKK+92]. glass-ceramic/copper/polyimide [FKSZ92]. Glass-Passivated [IBC64].

Glasses [GFHW82]. Glassy [Mor89]. glaze [Kali71]. Global [DR08, LHW81, Pul07, AUW+09, BKF+16, CPvR00, GRS13, KJS09, KLE71, QS67, SP14]. globally [BGLM09, DSZ+12]. globular [FXL01].


Good [SMD80, LKY80]. governance [BKN10]. Governing [Lan85, Mal13].

GPFS [AHH+14, JSS13]. GPFS-based [AHH+14]. Grade [CSV79]. Graded [KO67]. gradient [CW72, RV89, WLD72].

gradients [ZCK71]. Gradual [BBT60].

Grain [KWB88, CDM89, KZP03, Pes71]. grain-oriented [Pes71].

grained [BBK+08, SL09]. Grammar [BBC80].

grammars [Arb86]. Grammatical [ODA03]. Granular [Gou89]. Granularity [Lor70].

Graph [BU88, EB06, FL76, WML+16, Gup97, Hof60, May60, Sar91a, CP13].

Graph-based [WML+16]. Graph-Unification [BU88].

graphene [HKvG+11, ZVW+11]. Graphic [GM69, PZGL91, MS89, PS91].

graphics [BKM+99, CS84, FGW81, GH96, Pic91, SHDK95].

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Interpretation [Far83, Far91, Leh78, P158c, FAFL91, GLC93]. Interpreter [SW86, AT78]. Interrogation [Far87].

intersections [OC89]. Intersymbol [Kob70, KT73]. intervention [HHC+18, RSS+15]. intracellular [PSP06].

Intrasytem [DAS+94]. Introduction [Cro70, Fer12, FXB+10, GK60, HW12, JB07, KDH+05, LS75a, Mil84, MT84, Par98, PC85, Pen91, SS01, YSM4, AN98, Dat98a, FM75, FT98, FBG12, How92, Lan84a, Lan84b, LBC+14, To04, CS97]. Intuitive

[EWBR09]. Invalidating [Lom75].

Invariant [Ul16]. Inventors [Ano67n, Ano67o, Ano67p, Ano67q, Ano67r, Ano67s, Ano94c, Ano94d, Ano94e, Ano94f, Ano94g, Ano95d, Ano95e, Ano95f].

Inventory [BCE+07, KSB07, Sop59, KBA07, el 69]. inverse [HA00, Sit71, Tom72]. Inversion [FT64, SS00]. investigated [Dür94].

Investigation [AS74, MVK85, SGC+87, WB70, BNT86, BHH05, Shi72].

Investigations [GMW80, SH63]. investment [GSR13]. Iodine [BC60c]. Ion

[DG93, LG88, Lev66, RGL75, Bag94, Cop00a, KBF+92, Kuo92, LCL+98, RKL88b, Spo94, ZCK71]. ion-beam [RLK88b].

ion-beam-processed [LCL+98].

Ionization [KO65b, Pen79]. Ions [CGHK77]. IPV [GDB16]. Ir [HKvG+11].

Iron [BB60, KS66, KP63, MHS62, NBR70, PBF60, SK69, Sha58a, SOC59, KWT+11].

Iron-Nickel [NBR70]. irradiation [SMVK90]. Irredundant [[Ga57].

irregularly [AG72]. Irreversibility [Lan61, Lan00a]. ISA [CT06]. islands

[WTS+11]. Isn’t [Knu90]. Isolated [CGR88, LS78]. Isolation

[BH82, OG80, DHK00, HBL73, Voi71]. Isometries [CLW79]. isomorphism
[Rob67]. Legion [GHN04]. Lemmas [Kuh60]. Length [Don81, Fra70, GLP76, DY89, JVP+90, SHWK+90]. Lens [RHM63, TH11, Bru97]. lenses [DH69, TW69]. lesion [BSRG17]. Lessons [DSZ+12]. Letter [And60, BC60b, BBT60, BB60, BD62, Bre60, BA62, BLB+63, BN63, Car60, COC61, Con60, CK63, Dam66, Die62, Dod63, Dum63, FMP61, FK62, FC63, Has62, IM60, Ken61a, Key61b, KW62, KKK61, KP63, Ku63, Kue60, LDBB63, Le 62, Lei62, MW62, MVB62, Mar60b, Mat62b, MS60a, MP61, Mel60a, MWN63, MHS62, MG63b, NM62, ON60, Pal61, Par60, PK61, Rad62, Sch67, Seg62, Smi60, SB62, SS61, Tid62, Ti63, WK60, Yu61]. leven [SvNH13]. Level [BCK13, Bru78, Cle83, FHL+82, Sam81, SH69, AW82, Agn02, BOS+95, BRS+93, BSS+03, DSW71, GON+06, GPL+92, HPW+92, JK93, KYY+08, Pat89, RBK+08, SM16, SG95, Wi97, WBH+04]. Levels [Fle58, KLC84, So90, KSB97]. Levy [Lax67]. LEXX [Cow87]. Li [Les71]. libraries [Agr01, Aus90]. Library [LS75b, BPS+96, MBC+96]. Life [ABD+14, BB99, Kyo06, Kuh88, McC99]. life-cycle [BGJ+17, KAA+18, WTT+14]. Lifetime [FL59]. Lift [HCS80, MW80a]. Lift-Off [HCS80, MW80a]. liftoff [CH82, HMM82]. Ligand [STW+08]. Light [BLB+63, CJ78a, Dum63, FSP66, Her66, Key63, KHKM64, LDBB63, LS64, MWN63, PRY65, SW98, SB62, VG74, BLM97, CU98, CA01, DSR98, DP68, HP01, Lax67, LS72, Rab69, RR91, RDD+98, SGR+98, SST+98, SS00, Shi73, TM98, YL98]. Light-absorbing [Her66]. Light-Activating [PR65]. Light-Emitting [BLB+63, Dum63, LDBB63, MWN63, FSP66, CA01, HP01, RR91]. light-source [DSRC98]. Light-Valve [SW98, SST+98]. Lightly [Lan63]. lightwave [BG03]. like [Key61b]. likelihood [Boh70, EOH10, Sta73]. likely [OKH+02]. Limit [Heb64, Tau02]. Limitations [LS64, BJW72, CBBS90]. Limited [BJM+06, Fra70, Mag73, MS60a, HC69]. Limits [Bro88, Key88, DAA+93, DAS+94, Emm97, EHP05, Fra02, Key00, NBF+16, PK88, Sta02]. LiNoB [HD69]. Line [BF77, Ber64, Dhl67, GH70, GC81, GM63, Hop61, SAL63, Sve78, Tay79, Tod78b, ZL87, ABC+99a, ATW97, BH95, BP74, BFH+93, HRW69, MBC+96, RS94, Rei96, Tib93, Wee72, WC69, WWA+98, YG81]. Linear [Ast67b, CT27, ET86, GK64, MY67b, MW70, Nus77, Pim76, Pl66, Pri57a, Sch85, Sie63, Tuc60b, AW82, AGZ94c, BE03, BM68, CIE+03, DW90, GB71, GUS76a, GUS76b, Gus97, Gus03, Las61, May60]. linear-algebra [Gus97]. Linearization [Ger73]. Linearly [KO67]. Linearly-Graded [KO67]. Lines [Gru79, Hor76, Mul67, Ost84, Wit85, Bra88, Cha88, DKK+90, Ho73, HRS+95, Kep75, Lun60]. linewidth [CAC+95]. linguistic [BC00]. Link [Cro79, MT77, DRSM95]. Linked [CT76]. Links [TW62, CBB+04, FMP+03, GLOS92, KACS95, PK03]. Linpack [KGBB90]. Linux [BBK+16, ZST+07]. Liquid [BL62, Bog79, DC82, Lan85, Lee74, Lee77a, Mcg92, Pim76, PL77, RL70, SW98, Spr63, Tu75, AT00, AHI+98, CJE78a, CJE78b, KFYU92, KRC68, LL98, LCL+98, NSO99, RDD+98, SHWK+90, SST+98, SS00, TSH92, TCCH98, WWA+98, Yan71, YHA71]. Liquid-Crystal [DC82, Mcg92, SW98]. liquid-nitrogen [SHWK+90]. Liquids [MW62, DPM8, Shi73]. Literary [Tas57, Luh57]. Literature [Luh58a, Bax58]. Lithographic [DMWW77, MPS77, BDS+97]. lithographical [BTW92]. Lithography [BLDM97, Bro88, Dav80, Gil84, HWC88, JWL82, Par80, PS80, RKF+97, Rot80, War93, AWKH97, Arc93, BRB+01, BGK+82, Bru97, CS97, DEG+01, GHP+93].

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, Grö00, HF78, HKD06, LH57, ND57, RR83, Sam59, Sam67, WM92, ZBBB17, AT78, Bei92, CGS61, Fri58a, HM71, MYKK+17, OD17, Sam00, SSMD10, ZY72, LH00, ND00, VBE94]. machine-independent
[AT78]. Machine-Made [Bax58].

machine-printed [HM71]. Machines
[Bau84, BMS80, GR58, Gum83, SH57a, FHPR01].

Machine [AST67a, Ast67b, Bax58, Fri58b, FDN59, Grö00, HF78, HKD06, LH57, ND57, RR83, Sam59, Sam67, WM92, ZBBB17, AT78, Bei92, CGS61, Fri58a, HM71, MYKK+17, OD17, Sam00, SSMD10, ZY72, LH00, ND00, VBE94]. machine-independent
[AT78]. Machine-Made [Bax58].

machine-printed [HM71]. Machines
[Bau84, BMS80, GR58, Gum83, SH57a, FHPR01]. Macro

[GLL80, HY84, MM82, Ver80, SPR+95].

macromolecules [HMK01]. Macros
[Jon75, Sch80]. Made
[Bax58, BA70, SBF+97]. Magic
[CSS83, Par98]. Magnet [JT66]. Magnetic
[AKK+67, Ad70, ABK59, Ahn66, ABPS66, Azb88, BTW62, BBP72, BBG60, Blu79a, Boy60, BBKW86, BS70, CDS+86, CHBH85, Cha62, CLW80, CC76a, Dav77, DP59, Die62, CLW80, CC76a, Dav77, DP59, Die62, Dou62, DSS86, EGS80, Fan61, FL90, Flu67, FP57, FK62, GLS67, Goo62, HPWW81, Hao65, Hao61, KPS+61, KJM67, Kro58, Ku63, KHBC66, Kus70, Kuz70, LL83, LR65a, Map62, MPST66, Mat70, MP61, Met70, Mid65, Mid66, MW67, ND57, ODR70, OHSP76, PW67, Par60, PH74, Pat75, Pat85, PFS+70, PSS67, RK66, SSW65, SH57b, SH57c, Sch85, Sea58, Sie63, Sko58, Slo66, SM66, SHSY90, SHSY90, SN98, TW74, Tin62, TH64, Whi70, WCB+86, WY76, AF68, AW98, Aono70b, Aono66c, BP98, BW81b, BS03, Coo90, Dee90, DPW00, EOH10, EKS+04, FCH70, GP06a, GDR70, HJS98]. magnetic
[Ho90, Hsi99, ICO71, Jon98, KT70, Kob71, Lew73, Meh89, ND4+04, ND00, OCR+98, Par98, Pat89, RE71, Ste81, SHCS05, TB00, TFL+98, Vin81, Yan71, yan89]. Magnetic-Core [FP57]. Magnetic-Disk
[ND57, ND00]. Magnetic-Field [EGS60]. Magnetic-Field-Induced [Azb88].

Magnetic-Recording-Head [Sea58].
Magnetically [NW64, ETWO8].
magnetism [KIF+89]. Magnetite [Sie70].
Magnetization [DP59, KG63, Mee67]. magnetized [YTF+11]. Magneto
[Bebo62, WB70, Bro72, Pat72].

Magnetooptic [Bebo62, Pat72].
Magnetooptical [WB70, Bro72].
magneto-resistance [Far98].

Magnetostrictive [Beb62, WB70, Bro72, Pat72].
magneto-optic [Beb62, Pat72].
magneto-optical [WB70, Bro72].
magnetoresistance [Far98].

Magnetoresistive [Hoa00, Hsi99, ICO71, Jon98, KT70, Kob71, Lew73, Meh89, ND4+04, ND00, OCR+98, Par98, Pat89, RE71, Ste81, SHCS05, TB00, TFL+98, Vin81, Yan71, yan89]. Magnetic-Core [FP57]. Magnetic-Disk
[ND57, ND00]. Magnetic-Field [EGS60]. Magnetic-Field-Induced [Azb88].
mid-range [Jaq03]. Middleware
 [AGH+ 16, KOP14, FGG+ 13]. midplane [HPZ+ 05]. migratable [BFS+ 96].
 Migration [GRSW 86, AT00, CBV08, HBT+ 16, WGS04]. military [BCE+ 07]. Millicode [HF04].
 Millimicrosecond [DP59]. Millipede [VDP+ 00]. MIN [BP74]. MINI [HCO74].
 Miniaturization [Key88, Key00, Llo67]. Minicomputer [Rad83, Rad00]. Minimotor
 [OCR 67]. Minimum [Key88, Key00, Llo67]. Minimum-distance [Mac60].
 minimum-energy [HZB+ 06]. mining [AR07, BGO07, KSS+ 13]. Mira
 [CKL+ 13]. Mirror [Kue60, Pet80]. MIS [CL74]. Miss [SS76, MHI01, Thi88]. missile
 [RMR94]. misuse [SJW+ 16]. mitigate [ESA02]. mitigating [SP14]. mix
 [TYM+ 14]. Mixed [Azb88, BLR84, GS72b, GS72a, Lee07, NBF+ 16, Mey00b, VWPB 90].
 Mixed-effects [NB+ 16]. Mixed-integer
 [GS72b, GS72a, Lee07]. mixed-signal [Mey00b, VWPB 90]. Mixing
 [FGMPK 05, SB62]. Mixtures
 [GBC65, CJS6b]. MMA [Lye77]. MMA-Co-MAA [Lye77]. MNETS
 [Mat98]. MNO [Mat70]. MNOS [FP73].
 MnRh [Su75]. MnTe [MDJ+ 07]. Mo [HBL62]. Mobile [CJK+ 13, GRB+ 16, Rit13, CLP+ 13a, HHC+ 18, KKT09, OYHSB 14, RRMD17, RFB+ 03, SSK+ 16, YGR14, MFB+ 13]. mobile/BYOD
 [SSK+ 16]. Mobilities [PK61]. Mobility
 [LB85, PB69, SiC70, AAM+ 07]. Mode

[Dum63, GHW70, KHBC66, PK61, SAL63, Tie61, WS75, CJKM96, HBT3, SGK04].
 Model [AKKJ72, AST67a, AEGP67, And73, AHH+ 91, BBS78, BM63, BGM+ 67, BH82, BHWZ63, Cha74, Cho75, CP77, DB69, Doo83, Eas75, Eas87, El 74, FL67, Ins77, KS79, Kle64, LS75b, Lom76, Lom80, MDJ+ 08, MTS84, MV+ 01, Nor58, NM65, Sav69, SH57b, SH57c, SNP06, SFT78, SMD80, Sta84b, TY64, TC63, TO77, AP69, Agi74, ABK89, AKRS04, Bar78, BC00, CG71, CBD+ 09, Fla91, Gam72, GGRW91, Gsc09, GSP17, HCL72, HDTR06, JL90, Koc59, Lew78a, LGBV17, Mio72, MS07, PLK09, QS67, GT13, RBL+ 09, SHC+ 72, SM71, Sta75, TWM+ 14, TMW+ 17, Var89, Wer06, Yar12]. Model-based [SNP06].
 Model-driven [MDJ+ 08, TWM+ 14].
 Modeling [BS81, BKM80b, CH06, DKS+ 14, EGS+ 95, Flas81, GL78, GC93, Ham99, Hoh78, Irv93, KW76, KGC85, LS76a, LGBV17, LBT99, MM96, OMO+ 85, PB89, Pau89, RR87, SCR78, SRI96, Sta83, Sta84a, IBM13c, VDP94, WA77, WLPL+ 80, Wes90, WWK+ 87, YAS07, AHN+ 03, Boh73, DJK14, FGWS81, HNS+ 03, HS11, KCl08, Law02, LLF+ 92, Lee07, Man93, Man90, MS96, NN+ 06, Ob39, PCW+ 17, RES+ 15, RWM+ 05, RBK+ 08, Rub90, SJMBK08, Sta76, Sta00, Tan08, VMG69]. modelling
 [DSW71]. Models
 [BS84a, CW85, ET68, Fer75, FN71, LB85, Mil84, Ohb84, SC75, ZG65, ADG+ 92a, AKB+ 17, ARS+ 17, BHP17, BW16, Bir01, Car10, CCF+ 10, CKE+ 10, HA00, Mat03, NBF+ 16, NL17, OTC14, OIM+ 13, SMS80, TCP+ 16, VVHL6, el 69]. Modern
 [CN74, GP81]. Modems [HS81b, Nob95b]. modern
 [ZBBB17]. Modes
 [Bei74, Fan64, AL76, YL98]. MODI
 [MBF+ 13]. Modification [AMGC86, KMCY82, ACM+ 89, EM94, LV94]. Modified
 [Ho75a, JP94]. modify
 [TMW+ 17]. Modular [Bra75, LV62, MAT98].
NCM\textsuperscript{+01}, FGH\textsuperscript{+06}, KMC\textsuperscript{+11}, WPL\textsuperscript{+12}.  

**Modulated** [AVS76].  
**Modulation** [Ano66j, Bla65, Hop59, PL83, Pat75, CN71].  
**Modulation-Demodulation** [Hop59].  
**modulator** [SGY\textsuperscript{+98}].  
**modulators** [YL98].  
**Module** [BGR82, BB82, CW83, HCBA82, HW87, OK82, PW83, San83a, DHK\textsuperscript{+92}, ESA82, GZM92, KLM\textsuperscript{+91}, KPT\textsuperscript{+02}, PGS\textsuperscript{+98}, YCB05].  
**Modules** [Cle83, Mul74, BR92, HOW92, MKW\textsuperscript{+05}, WKD98].  
**Moduli** [AW62].  
**Modulo** [CM80].  
**modulus** [AEG\textsuperscript{+02}].  
**Moiré** [GLCW93, Ab66].  
**Moisture** [BP84, MLSS84, MKV85, BBF\textsuperscript{+05}].  
**Molecular** [ABR71, BBS78, Dem78, Lun79, MY67a, MY68, RSS82, ACM01, ABM\textsuperscript{+01}, BBK\textsuperscript{+08}, DP88, EB06, EFG\textsuperscript{+05}, Far98, GZE\textsuperscript{+05}, G88, Gyg08, KHZ\textsuperscript{+08}, Mat95, SPP\textsuperscript{+05}, WNB91, ZEH\textsuperscript{+08}].  
**Molecule** [MY67b].  
**Molecules** [Cle65a, SLLP64, Cle65a, ELO67, HUN71, MHW95, TWR89].  
**Moment** [Cas70, HC70, CBH\textsuperscript{+05}].  
**momentum** [Sun96].  
**monetization** [CDL\textsuperscript{+14}].  
**Monitor** [MH98, MHR\textsuperscript{+15}, MAD\textsuperscript{+98}, WCNSH94].  
**Monitoring** [Cle83, CMR72, Irv91, ABC\textsuperscript{+99a}, BCH\textsuperscript{+16}, BAY\textsuperscript{+09}, BSN\textsuperscript{+12}, BFG\textsuperscript{+99}, CDS\textsuperscript{W06}, HKA\textsuperscript{+13}, Hor98, KCH\textsuperscript{+09}, LR97, MSV14, MCH90, OD\textsuperscript{+09}, SCW10, Sta76, Sta00].  
**Mono** [Fin86].  
**Mono-Atomic** [Fin86].  
**monochromatic** [PW68].  
**monogamous** [Ter04].  
**Monohydrate** [Pan78].  
**Monolayer** [Mor79, BLD97].  
**Monolayers** [DK79, RSS82].  
**Monolithic** [BFL66, DHK00, CGN72, KAC95, Spr71, TS69].  
**Monopole** [Lev66].  
**monoxide** [KLE71].  
**Monte** [Ken61a, LFF99, MNR86, MS96].  
**Moore** [HS60, Koc59, Lam77a].  
**Moore-Shannon** [Koc59].  
**Morphological** [Ins77, BBPS91].  
**morphologies** [KSH\textsuperscript{+08}].  
**morphology** [SRD94].  
**MOS** [BBHS84, LDU00].  
**MOSFET** [Ano06b, AAC\textsuperscript{+06}, EKT90, Ga79, OKH\textsuperscript{+02}].  
**MOSFETs** [LBT99, LDSA02, WS75, RGL75, SFG\textsuperscript{+06}].  
**Motion** [BBT83, Hau67, Hen83, Her65, Mir60, RVV88, Bau72, BS71a, YK99, Gre60, HAG\textsuperscript{+13}, MHW95].  
**motion-estimation** [YK99].  
**Motions** [ASV76, Oht95].  
**Motor** [MR76b, BSS76, LRN87].  
**motorneuron** [DC73b].  
**Motors** [Fre67].  
**mounted** [He90].  
**move** [BGS13].  
**movement** [BSY\textsuperscript{+15}, McN94].  
**movements** [Pic87, LRN87].  
**Moving** [ALL77, AAM\textsuperscript{+07}, BGT74, LPA\textsuperscript{+15}, ST79, BM86].  
**moving-coil** [BM68].  
**MPEG** [AFFS98, AF99, BNW99, GYK99, MRG99, RT99, WRG99].  
**MPEG-2** [AFFS98, AF99, BNW99, GYK99, MRG99, RT99, WRG99].  
**MR** [Lan96].  
**MRAM** [Ano06c, ATW06, GON\textsuperscript{+06}, GP09a, MDG\textsuperscript{+06}, Wor06].  
**mu** [Bra72b].  
**Much** [Goo58].  
**Multi** [BT67, BW83, CW83, HSL\textsuperscript{+10}, Kru84, Okt71, Ros66, Sak79, TYM\textsuperscript{+14}, Wre83, ATL\textsuperscript{+88}, CLP\textsuperscript{+13a}, GWR90, Irv93, KMM\textsuperscript{+16}, LQR04, Mon82b, NOS17, Okt03, RBB\textsuperscript{+02}, SLC90, ST89].  
**multi-adaptive** [LQR04].  
**Multi-Chip** [CW83, GWR90].  
**multi-core** [SLC90].  
**multi-delay** [NLP17].  
**multi-factor** [CLP\textsuperscript{+13a}].  
**Multi-fluid** [Okt71].  
**multi-gigahertz** [Ok103].  
**Multi-Head** [Ros66].  
**multi-image** [Mon82b].  
**Multi-index** [HSL\textsuperscript{+10}].  
**Multi-Layer** [BW83, Wre83].  
**multi-loop** [ST89].  
**multi-node** [Irv93].  
**Multi-period** [TYM\textsuperscript{+14}].  
**multi-purpose** [ATL\textsuperscript{+88}].  
**multi-site** [RBB\textsuperscript{+02}].  
**Multi-Stage** [BT67].  
**multi-tenant** [KMM\textsuperscript{+16}].  
**Multi-Terminal** [Sak79].  
**Multi-Version** [Kru84].  
**Multiband** [DG84].  
**multibook** [BGW04].  
**multibooks** [WGS04].  
**Multichannel** [WA79].  
**multichip** [KPT\textsuperscript{+02}, MKW\textsuperscript{+05}, PGS\textsuperscript{+98}, WKD98, YCB05].  
**multicolumn** [Bil62].  
**Multicommodity** [VJA07].  
**multicompartment** [TMW\textsuperscript{+17}].  
**Multicomponent** [Bil70, WC69].
Multiconductor [Wee72], Multiconic [DJ75], multicore [BFH10, CBD+09, FNY+10, SSMGD10, SKS+11, TWX+10, WNW+10, ZCLS10].

multicore-processor [FNY+10].

Multidimensional [KM77, FAFL91, TG91].

Multifaceted [GSC12, HJW+16].

Multifont [RH75, KL63].

Multilayer [BB82, LDL84, Cha88, DN97, FLP90, GA88, RRB+01, TKK+92].

multilayers [Jon98, Par98, SN98, VWJK11].

Multilevel [CM80, Gec74, Kan74, Mer88, RT75, BSHM01].

Multimedia [DFS98, FT98, Gon99, SS15, BBD+98, DFaDNS98, Has98, MMWLN99, BBD+98].

Multimode [SA66, ABD+92].

Multiobjective [Agr01].

Multiple [Ano66j, Bla65, Dah63, DLK84, DK67, DW58, Elm84, FLCB85, GFHW82, Hor57, Pat86, RK75, Sch80, Slo66, TW62, Tod78a, Tom67, WYTO04, Bra72a, DWW90, DSS+92, GA68, KBJ+18, LKY80, LD72, MN70, Oht95, Hei80].

Multiple-Access [Ano66j, Bla65, LKY80].

Multiple-Curie-Point [DK67].

Multiple-Element [DW58].

multiple-input [DWW90].

Multiple-logical-channel [WYTO04].

Multiple-Nozzle [DLK84].

multiple-output [MN70].

Multiple-Technology [Elm84].

multiple-valued [GA68].

Multiple-Variable [FLCB85].

Multiplexing [RTM65, Thr65, BNW99].

Multiplication [Ken61b, Meg62, RSS91, AGZ94b, ABG+95, Tol97].

Multiplicers [VP888, BH95].

Multiply [MS87, SN87, AEG+02].

Multiply-Connected [MS87, SN87].

Multiprocessing [KSW74, MSB+04].

Multiprocessor [FL75, KDH+05, LDSY91, LRL+02, MH101, RSS91, SRL+11, SWB+91, SON+91, VLP+05].

Multiprocessors [CSZ86, BLM+92, FGT91].

Multiprogrammed [CDW75, Cho75].

Multiprogramming [And73, CFL73, Gha75b].

Multipurpose [Dun57b, DMN+59, EBD+95].

Multiqueue [Lei62, Lei61].

Multiqueueing [Sch62b].

Multiscale [DKA+05, PSP06, NNN+06].

Multispectral [Kan78, SM78, DBK82, NT72].

Multistep [Ode87, LO72].

multithreaded [ABF+10, BEKK00, CDD+10, CJB+15].

Multithreading [Ano05c, ABB+15, MMM+05].

multivalued [BP74].

Multivariate [Wat60a, BS72, OOL+12, YR91].

multiwavelet [FBHJ04].

Muon [Kel89].

Muon-spin [Kel89].

Murphy [Mei83].

Mutually [LF64].

MVS [ALS81, CHY92, SV92].

MVS/ESA [SV92].

MXT [AFP+01, SAPTO1, TFR+01].

mycotoxin [NBF+16].

myocardial [LPPT86].

myofilament [HdTR06].

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

N-Alkane [VM79].

n-Ge [Bay69].

n-InSb [MNP+69].

n-MOSFETs [LDSA02].

N-Queens [SS87b].

N-type [MN67b].

NACME [Gar00].

NAMD [KHZ+08].

name [AFCB94].

nanocrystal [MSG+04].

nanocrystals [MSG+04].

Nanolithography [UBK+88, SS93].

nanomagnetic [Sun06].

Nanoscale [ZVW+11, HST06].

Nanoscience [TH11].

Nanosecond [DPW60, DPW00, PSS67, WWLF67].

Nanostructure [CKK+88, HST06].

nanostructures [HJS98].

nanowires [SHCS05].

NaOH [PM72].

Narrow [DKAC67, KM66, LC83].

National [Coh87].

Natural [BKW88, Hei76, Levi76, O’C89, Pet76, Pla76, SFT78, AKB+17, BCD+17, CGS61, WN92].
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Non-Markovian [IS83b, IS83a]. non-normal [BTWY92, CHdTG92].
Non-Ohmic [Sch64]. Non-Stationary [LS76b]. nonbinary [Dan82]. Noncoded [CMP87]. Nondegenerate [Gar64, Lew73].
Nondestructive [AH79, KJMS67, PC64]. Nondestructive-Read [KJMS67].
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NSTrace [SLC+97]. Nuclear [Mas62, Meh89, Tan96, ZBL+72, Bqv69, BKM+69, FL69, Mol69, Yan71]. NUMA [KBF+97]. Number [LHW81, Nus77, Pri57b, AEG+02, BW81b, DB01, Lan66, LBB+13, Nus76a]. Numbers [BD96, Cli90, SW90, Hol78, Kum98].
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O [CSE66, KLB64, MKP73, WTP64, ABB+12a, ABB+15, BBC+12a, BL+89, BH89, Bru78, CDM89, CCB+04, CCD+09, CAC+13, CCC+15, CSH+89, EB99, GSG+90, GMS05, Gre97, GE02, GCS+12, HBB+07, HBL+99, HS04, HSL+05, MRRH89, OHK+07, SHR+09, SBC+02, Var89, WKM+07, WYTO04, vHy+89]. Obeying [Tof88]. Object [Bea74, SK80, AL89, MS89, NFI+08].
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[She59a]. Online [RP14]. Only

[FM61, Has66, JI66, MPT66, TK64].

onto [DKA^+05]. Ontology

[Pon17, FPST14, HH04].

Ontology-driven [Pon17]. Open

[AHM^+07, BHP17, HTH^+09, LD74, SP14, ZST^+07, ADG^+92b, CBD^+09, GHL^+04, GDA14, GWR^+90, LH03, Mat03, RBL^+09, van73b]. open-queueing [Mat03].

open-source [LH03]. open-standard [AHM^+07]. Open-Que [LD74]. open/short [GWR^+90]. OpenCL [CJ17].

Opening [KM66]. OpenMP [EO13].

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Optical-Digital [WSW83]. Optics

[LC82, MPS77, RSSS82, Zwe65]. Optimal

[BJ67, Bud67, Chi60a, Her75, Htm74, LF77, Lew80, Low74, Mil83, MP88a, PHT4, Rob67, BM68, EBD^+95, FXL01, GHH^+17, GB71, HSL^+10, MD12a]. Optimization

[BBH82, BDH83, Bot97, BMS80, Bra80, Cho74, Hal76, How82, Jur78, KLC84, LH03, MS75, PSW^+07, SK80, SSK14, SM80, AG01, AAS^+14, BCC^+12, BK10, BBH^+95, BSJ^+13, BGL07, DBH^+09, BR09b, CDSW06, Cor93, DFNNS17, DXZS13, DBN^+17, G09, GCFW07, HHSR96, KBA07, KKL^+14, KSB07, Mey00b, MS07, NRA^+09, Sel07, TYM^+14, TGL^+12, ZGF^+11, ZFD^+15, Pul07]. optimizations

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[Ada84, BGM^+05, FHS06, GKT17, LB07]. Optimum [vdP72, van72, van73a, van73b].

optoelectronic [HV^+90]. Orbital

[BB879]. Orbiter [Sol76]. orchestration

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[CIE^+03]. ordinal [HE10]. ordinary

[FW67]. Organic [BH79, DM01, GFHW82, Lew78b, Mer78, MCK01, SS01, SL66, SL67, SLHM67, ARM^+01, CA01, DVM81, DG93, HP01, RRB^+01, Sch71]. Organic-inorganic

[MK01]. Organization

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para [HKvG+11].
para-sexiphenyl [HKvG+11].
Parabolic [Pli66, Wid67].
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Potentiometer [MPD86]. powder [HBB89]. Power [BDMW81, BAV+09, CNV+15, CFP+07, Fra02, Gau77a, Hor76, MN67a, Mar64c, RP67, Wel61, ZFG+11, Ano01c, BPG+16, BZ06a, BJM+06, BBH+95, BSJ+13, BHH03, BBS+03, CH06, CT06, Cov92, CAC92, EB91, EBD+95, FGK+07, FDS+13, GAJ+16, HSL+10, JGD+08, KAD+16, KKM02, KBC+03, MAB+03, MZF+03, FKZ+03, SBP+03, SPR+95, SAB+02, SCG+13, TBS+15, WLD+15, Yet89, ZTC+13, Gsc16].

Power-constrained [CFP+07, Fra02]. power-on [KKM02]. power-performance [BBS+03]. Power/Performance [BDMW81, BBH+95].

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POWER3 [OW00]. POWER4 [BKRF02, BMK+05, LHR+02, TDF+02, WKP+02]. POWER5 [AAB+05, MMS05, MMM+05, SHT+05, VLP+05, Ano05c]. POWER6 [PC07, AAM+07, BSK+08, BAB+07, CFP+07, EWT+07, FGK+07, LSF+07, MSSM07, MBF+07, SKK+08].

POWER7 [BAB+13, FDS+13, LBB+13, Rit+13, ZTC+13, AHHN11, FWR+11, FPZ+11, RAG11, SRL+11, SKS+11, WBD+11, ZFG+11].

POWER7-1H [RAG11].

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KSB07, Wai86, WBT+10]. practices.

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Predictive [GCGPVG85, WLH+17, AHN+03, BK74, EÒH10, GWB+17, GAJ+16, KB74, PCW+17, VVHL16].

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AGZ94c, BCK13].

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Prenucleation [JC63].

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President [Age04, Age05, Age08, Bal05, Che06, Che08, DR08, Des02, Des04, Dom00, Mey03, Nun09, Pea09, Pri07, PS09, Pub07, San12, Viv14].

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Principal [Kan78, SM78]. Principles [Ame65, Ame80, BHV85, BJMO80, CH82, Dah67, DS65, Fan61, GS82a, GKK+80, GS82b, HCS80, KSB+79, KGCS85, Law02, Lan61, Lan00a, LD94, Mah93, SBG+71, SKC+10, Sta76, Twa85, Zab77, BLD97, BGK+82, CP91, CAS+91, CASP91, Mas97, Pen91, ZL97].

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Probabilities [Bar80, SH57b, SH57c]. Probability [PM88]. Probe [FT77, KKK61, PSA08, Poh95].

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Problem [ADST78a, GR58, HP63, HHJW84, HS81b, NIS85, Pae61, PT76, RD12, SM78, Sch62b, Sch63, SS87b, Tid62, AAA+17, ADST78b, BH80, BK61, BGK62, DHMP94, Ger73, GRS82a, Joh87, Mic72, Ray69, VJA07, WYF+03, Yan07].

Problem-Determination [HS81b]. Problem-oriented [RD12].

Procedural [Gro76, LM76]. Procedure [MS75, Har71, Her72, LM77]. Procedures [Ada80, GS74, HP66, HKM+86, KIN61, MP88a]. Process [Agn00, AM60, BHL85, BM080, CH67, DS65, Fan61, GS82a, GKK+80, GS82b, HCS80, KSB+79, KGCS85, Law02, Mar60a, Mey90, Meyer00a, OHM+85, SSL73, Twa85, Was77, ABM88, Cal70, CPTW98, CGN72, CKE+10, DN97, HHW01, KMK02, KRT98, Lan61, Lan00a, LV94, Mah93, SBG+71, SKC+10, Sta76, Twa85, Zab77, BLD97, BGK+82, CP91, CAS+91, CASP91, Mas97, Pen91, ZL97].
Sta00, Stu70, VW78, Van97, WSE+16. process-characterization [CPTW98].
processed [LCL+98]. Processes
[Die62, FL59, Hat88, Meg62, Mid62, Mid70a, NB61a, NB61b, Red57, STCR84, Wes90, AHW+99, Bea90, CMC+95, FSG+73, Hei80, LB07, LCHL95, MD12b, OS99, RWM+05, Ros90, SPP72, See93, WT91, vS98].
Processing [ABC+85, ABB+91, And65, Ber76b, EKU88, BHW77, Bur75, BDH76, CCP85, Dav77, DB76, DMP59, FLDC86, FGM+83, HF78, HAG+13, Kin61, Kle91, Kuo99, MW80a, May81, Moh70, Mur57, PSH80, Shi85, Tas57, WSW83, Woo87, AKB+17, ARG00, ARS+17, BK75, BBHS82, CGLL93, CGS61, EB09, Fon99, FNY+10, GON+06, GLM+96, Ham99, Knu02, KOT99, Luc99, Mar82, MP82, MKJM93, NAB+15, PB89, RB92, SPR+95, St091, CMP87].
processing-in-memory [NAB+15].
Processor [All81, Ber85, Coo82, DR82, Fre67, GCPV85, GS82b, LS76a, MSB+04, NHH91, PPS82, Ser82, SJS15, TS82, Tsu80, UMK+85, ABB+03, AEH+04, BGM90, BHH+15, BSK+08, BCF+07, BDH+09, BAB+13, BEK80, BKFR02, C83, CNSS12, DTH92, ESA02, Emm97, FAD+07, FNY+10, FXB+10, FAJ+94, GRRW91, GH96, GMS+12, Gro90, Haj91, HDW+07, HDF94, HSL+05, JZ91, KBBG+09, LGW+15, LBB+13, Lip92b, LJ+07, MWS90, Mar90, MDR+07, MWE+97, MZS+03, OGO0, PBBL07, RB90, RWW07, RG09, SSK+08, Sar91b, SCS+02, SKC09, SHL07, SKS+11, SVE+15, Sta90, SSD+15, SBC+12, TSC91, WMB+15, War90, WBD+11, WBB+04, RSN58].
processor-based [C83].
processor-performance [Emm97].
Processors [AK82, CW77, Tod78a, Aus90, BBMP92, BS95, BR92, BMK+05, CNV+15, CMR+90, CTS+92, CDD+10, Cov92, DGG+92, EV93, HOWP92, OW00, SLC09].
procurement [GSAB93]. Produced
[Hut74]. Product [Cle83, KB06, SMD80, BMT+90, BKP82, EBD+95, Fil70].
Product-representative [KB06].
Production [DBG+84, DKS07, DS65, GAC85, Knu59, WKK+87, BKF+16, DBG+00, LMHM96, MS89]. Productivity
[FT80, LKL+81, SMD80, LRMT95].
Products
[Ada84, Wes90, DKS07, EGH+96, GSAB93, LZZ+16, LCHL95, Man90, Pat89].
professional [NRA+07].
Profile [Gil84].
Profiles [JD66, KP80, FKOW16, KRC68, MFPJ71, Okt69, Pai72, PL73].
Profiling
[CW78].
prognosis [SLK+97, SSB+12].
Program
[Bar73, Bon62, BCGS81, Chi86, DGB78, Don80, Fer75, FE75, FGS75, GHP+85, Knu90, OGM+86, Paz75, Pri07, PS09, RR83, ABL+84, BBF+04, BCGS00, CDSW06, Col69a, Hat72, Hei94, KN91a, KSL95, LFF90, MS96, PBBL07, Sar91a, Sed67, TBH+17].
Programmable
[Cow87, EL80, GLL80, LH+75, We79, WOo75, HAMC+14, MMWL99, Mse78, MZS+03, SKS06].
Programmed
[ET69].
programmer
[LR97].
Programming
[DLW86, Hei76, KGBB09, LG78, Len58, LW77, Luc81, Sam81, SH84, Tuc60b, Afl89, AKE+92, Bei92, BCR91, Bur72, CFK+91, CCF+10, Goc90, dTGC+92, HKL+97, JPH94, Jok87, Kel73, Lee07, MAA+05, NRA+07, PLK90, el89].
Programs
[CD85, Dor60, Fer75, Jee58, KSW74, Kru84, NS58, SK80, URS75, ABB+10, Aus90, C91, SSW91, Sta89a, S91].
Progress
[HCTS81, JS81, ARS+17, GNF60, MAG+01, 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, Mid70b, SW98, DEG+01, MAD+98, RDD+98, SST+98, SSO0].
Projections
[WM81, O'C89].
projects
[LHS+17].
Prolog
[Arb86, AKE+92].
Promoting
[LAH03].
promotions
[SMSC14].
Proof [CLW79, Dan60, Knt90, 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, Fl167, FN95, Gun66a, Gun66b, HK64, HM60, KP79, Key61a, KL80, Kle64, Log70, Lud78, MU77, MY67a, My68, NBRB70, OMAW60, PDLM67, RS59b, SD85, Smi77, SG77, SSETF77, Wei65, Woi70, Von70, AF68, AW98, BSt72, FL89, How89, KLS+95, Kri82, Mat70, Pau89, Pri73, RDD+98, Spr71, SN98, SHCS05].


protected [Irv89]. Protecting [BBK+16]. protective [LG88].

Protein [KWN01, EHLSW01, RQBW08, TMS+01]. proteins [FXL01].

Protocol [WZ78, Wes78, AEH+04]. proton [ZS96].

Prototype [MH98, FGP+85, KFB+97, MAD+98]. Provides [Ost84]. Providing [FP83].

Proving [Bi74]. provisioning [GBJ+08, SBB+09]. proximal [MTF+95]. Proximity [GSC80, Par80, PS80, BGR+82, GC93].

Proximity-Effect [PS80], PS [AHH+91]. PS/2 [AHH+91]. pSeries [BKRFO2, GBRO5]. Pseudo [An66a, Bla65, CCM65, Meg62, VSF65].

Pseudo-Noise [An66a, Bla65, CCM65, VSF65]. Pseudorandom [RB90, RT99, AEG+02]. pseudorandom-number [AEG+02].

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

Pt [DVM81, Den78, HBR85, HR86].

Public [Kov06, BCC+16]. publications [Ano90c, Ano92e, Ano92f, Ano92g, Ano93e, Ano94j, Ano94k, Ano94l, Ano94m, Ano94n, Ano94o, Ano94p, Ano94q, Ano95i, Ano95g, Ano95h, Ano95j, Ano95k, Ano96g, Ano96h, Ano96i, Ano96j, Ano96k, Ano97f, Ano97g, Ano97h, Ano97i, Ano98g, Ano98h, Ano98i, Ano98j, Ano98k, Ano99f, Ano99g, Ano99h, Ano99i, Ano00f, Ano00g, Ano01h, Ano01i, Ano01j, Ano01l, Ano01m, Ano01k]. publish [SCW10]. publish/subscribe [SCW10].

Published [Ano57k, Ano57i, Ano57n, Ano58j, Ano58k, Ano58l, Ano58m, Ano59g, 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, Ano67v, Ano67-27]. Pulse [Dod63, Gar64, LS64, PL83, SFH65, SK08, GFS71, Shi73]. Pulse-Slimming [Dod63].

Pulsed [CCM66, Key70]. Pulses [Hem74].


Pure-Tone [MN07a]. Purpose [Tay81, ATL+88, DAUS91, Gra69, LH84].

pursuit [LQRS04]. Pyrolytic [Kle64]. Pythagorean [Dub83, FS90, MM83].

Q [MP88a, MP88b, PMLA88, PM88].

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

Qbox [Gyg08]. QCD [BCK13]. QDCDOC [BCC+05]. QCDSP [BCC+05]. QR [EG00].

QS22 [VLB+09]. QSAR [PPG+01].

quadratic [Ger73]. quadrature [MR72].

quadratures [MY65]. quadratics [O'C89].

Quality [Cle83, CLE84, MJ70, MCH+82, BTWY92, CT06, CPCR18, ESM16, HBC+99, OEN+16, SHC+72, Sta97].

quantification [Gil60, MWEJ05, Mon82].

quantifying [QGT13]. Quantitative [KM74, BNN+09, MS07, PWFB91].

Quantities [El74, Ag74]. Quantization [GS70, LBT99]. Quantum [Az88, CGR88].
Reading [Ost84, Wal58]. Reading/
Writing [Ost84]. Readout
[ABPS66, Bro67]. reads [LPM+12]. Real
[Bev69, BFR13, DR82, HSL81, Her75,
Jam81, LPMG14, OO81, PSD+17, Soh76,
SSB+12, ASR07, BSN+12, CGM+15b,
EGH+86, HKA+13, KZP03, KCH+09,
NMH+07, ODL+09, Osb93]. Real-Time
[DR82, HLS81, Her75, Jam81, OO81, Soh76,
Bev69, BFR13, LPMG14, PSD+17,
SSB+12, ASR07, BSN+12, CGM+15b,
EGH+86, HKA+13, KZP03, KCH+09,
NMH+07, ODL+09, Osb93]. 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, Ano66s, Ano66t, Ano66u,
Ano66v, Ano66w, Ano66x, Ano67a, Ano67b,
Ano67p, Ano67q, Ano67r, Ano67s, 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, Din60,
GHKO57, KT66, Kur87, MD65, Mer88,
WR83, ACC+15, BHP17, BW7+17, CNP+17,
DDMS92, GMN63, HM71, KL63, LJ7+07,
MC78, SP17, Tap82, YAH+96, YG81]. recombinant [NBF+00]. recommendation
[HRZ14]. Recommendations [WZ78].
recommender [VHHL16]. Reconfigurable
[Elm84, KZP03, MN97, VRA+09].
Reconfiguration [CHY92].
Reconstruction [PL81, Sta67, LHJ69].
recorded [BD74]. Recording [Blu79a,
CM74, FK62, Gre79, Hoa58, Hoa61, Ku63,
KC66b, Lor70, Pat75, Pol78, Sch85, Sea58,
Sie63, SM66, SW74, TT75, Tan74, ABR71,
AR98, ABB+08, BP88, BE03, CBH+05,
Hoa00, How89, Hsi99, KT70, Kob71,
NM7+04, SHSY90, SHSY00, TFL+98].
recordings [WSCK17]. Records
[CLW80, GA68, Sha12]. Recovery
[DM59, Lew80, Pat80, SLC+09, AAF+09,
BGS13, GBJ+08, Grl69, OHK+07, PWW13].
Rectangular
[Coo82, MS60b, PH74, WWMS79, Jon72].
Rectification [MG62]. Recurrence
[Kog74]. recurrent [SP17]. Recursion
[Us97, EG00, GJ00]. Recursive
[Goz94, Her72, HWC75, Pins74, Ris72, Str68].
redistribution [TKK+92]. Reduced
[BBH+95, Kri82]. Reducing
[CHMW07, WF87, GB93]. Reduction
[AD70, AdH00b, Bla63, CM80, DG84,
DGB78, FC79, GT80, Kob70, She59a,
TLR85, Vll82, BZ06a, Bev69, FDS+13,
GWB+17, Gre59, Hei80, LL99, TW69].
Redundancy [BR82, Fle58, LV62, Skl76,
SMD80, BBI94, Gla97, Irv89, Irv91].
Redundant
[FT80, HBB+07, MLMP+12, MW+07].
Reed [BP75, Bla84a, Bla84b].
Reengineering [GE02, GW18]. reentry
[MMJ69]. Reference
[Eas75, Eas78, KGT88]. References
[FGS75, Lom75, BGW91]. refill [SLY72].
Refinement [MR87]. Reflectance
[PFS+70]. reflection
[HS71, MS89, Rab69, vHv+89]. Reflections
[Go87, MJ69]. Reflective [SW98, CU98,
RDD+98, SGG+98, SSS+98, SS00, YL98].
Reflectivity [Heb64, PW68]. Reflector
[NGM57]. refloow [Mah93, Mil69, Mil00].
Refractive [PL81, PC64, WL73, BGO03].
regarding [Tu90]. Regenerative
[HS85, TS75a, TS75b, SSS2, LS77]. Regime
[Gef88, BFG+96, SWC+95]. Region
[MWN63, Sha58a, Bra72b, Le71]. Regional
[Lew83]. Regions [RF78, GHH+17].
Register
[Bea74, CT76, BMK+05, Gup76a, Gus76b].
register-renaming [BMK+05].
Registering [RWC80]. Registration
Regression [DMWW77, Dav80, Pri94, RG09].

Regulation [BDMW81, DPR86].

regulations [CNG09].

Reinventing [JWZ′09, ODA′08].

Related [RP67, SARG80, Smi77, WB70, FL89, Gri99, JS00, Kei89, KFSZ92, MNS69, SNM69, VMAB18, WL73].

Relation [Ben59, MIJ07, Mic78, WKF′12].

Relational [ADST78a, BDH83, Hal76, LN79, ADST78b, Fag77, vV86a].

Relations [Las63, RP66, EM65, Lew75].

Relationships [CA84].

reproduced [OCR′04, Fle58, FL59, FGH′07].

reliable [ACD′15, CDC′96].

reliability [OCR′09, rem.].

Remainder [MBK′01, SB91].

Remote [Dav79, KW76, VSS′09].

Remotely [HF78, Pri94].

Removal [Whi72, Dat98b].

renaming [BMK′05].

Renewal [FL59].

Rent [LFR05, VLKW14].

Reorganization [BF77, Paz75].

repair [BM93, WWA′98].

Replacement [FLW78, CHMW07].

Replacing [MM83].

reply [Ber76a, Wie76].

report [GMR10, KW3′15, Var89].

reported [Pon17].

Representation [Far87, Gro76, Hol78, Pie87, AO97, BW81b, GLS86, PMS′17].

representations [FTY83, MN90, Oht95].

representative [KB06].

Representing [FJSS89].

reprint [Lan96].

reproduced [MS98].

request [KJS09, Pla76].

requests [Oha10].

required [GE02].

Requirements [Cro79, GYK99, MR76b, Agn02, JS89].

LRF05, LSZ′10, RBB′02, SPP97].

requires [KSA′04].

Requiring [Car60, WR83].

Res [ACG′87, Ano93c, Ber76a, DCB77, Lan96, Sta75, Wie76].

Research [Age04, Age05, Age08, Ana80, BYY08].

Che06, Che08, Coo82, Gar00, Mar62, NRD′09, Nor58, Ros03, TFW′96, Tsu80, WH94, AG06, Ano62e, BF69, Far98, GDLs14, Jec58, LH03, MDH′12, Mce69, Nic92, OMA′96, SXYP12, CMS85, DR08, LH03].

Reservoir [ET86, RBL′09].

Resilience [Cas60, Fre62, KDBT60, SC88, Ana71].

resilience [BK4′08, QGT13, SKK′08].

resiliency [EDGL′13].

Resilient [SHV13, BGS13, PW13, VAB′13].

Resin [MS00a, GA88].

Resist [Gil84, KP80, Sek93, CH82, Duk93, HMM82, Ito01].

Resistant [Duk93].

Resistance [HA58, IM57, JJ64, Lit62, Ros78, Rut59, Rus64, Sak79, SSS88, KMB′08].

resistance-change [KMB′08].

Resistive [ABB′85, BCD′85, CS85, Gru79, LM85, LeB62, PC85, RP67, SD85, Tw385, WWMS79, DKA′05].

Resistivity [KDBT60, SC88].

Resistor [CP63, Ove70, Kali71, KM68, RHC73].

Resistor-Coupled [CP63].

Resistors [KL80].

Resists [MW80a, BLD97, HHSW01, Ito97, Ito00, MAG′01].

Resolution [BJ80, Bro88, DC82, Gar86, Hoa58, JWL82, KKK61, Kra81, LY83, SW98, Sie63, Bat00, GDFG92, LPPT86, LL98, LMW′01, MBB′01, PGN88, SST′98, ST17, TPC′13, UKB′88].

Resolved [BLLS79].

Resonance [DV64, SOC59, SG64, Tit63, Meh89, Var89].

Resonant [Fan64, Pre66, Roe66].

resonator [KM93].

Resource [ADG′05, FBG12, MBA′12, RKMY02, Sau81, YSH12, BM96, CCFSZ12, HS11, KdAC′15, MC09, MN97, SGK04].

resourced [GHH′17].

Resources [KW76, MWL′14].

Respect [AS87].
Response [ALL77, Ber64, Cha75a, ELZ79, Ree69, Rei66, RR69, SY73, SWD74, vS57, BMF+16, HS11, JC00, KT70, TYM+14]. responses [BS06]. responsibilities [DYK10]. REST [Oha10]. Restricted [Fra79, Fra80a]. Restructuring [LSH76, Hei94]. result [Lam77a]. Results [FC63, RS67, BT71b, Fla91, FL89, KN91b, SPP+05]. retail [MHR+15, RM09].

retention [NCM+01]. Rethinking [ABB+14]. Retrieval [JM64, SY73, CBK+98, PSD+17]. retrospective [WCT06], reuse [BSRM09, WMK+07], revenue [AYA14]. Reverberation [MN67a]. Reversal [CDH64, DF59, Hop61, Mid62]. reverse [PLK09]. reverse-acceleration [PLK09]. Reversibility [Ben73, Zul01]. Reversible [Ben88, Ben00]. Review [Bar62, BRB+01, CH84, MW67, NHK103, OOS1, PC85, RR83, SC81, Bag94, DM01, Duk90, FL89, Lax67, Sta89b, van89].

revision [BBSW97]. Revisited [SS88, Shu94]. Rework [Doo83]. Rewritable [AF96]. Reynolds [Mic59]. rf [DAC+03, HNS+03, KM00, GMP90, KP79, KM70, Log70, LMD70, MU77, Maz70, Pen69, Pen79, PDLM67, SK69, SJ70].

RF-sputtered [MU77]. rf/analog [HNS+03]. RFID [RM09]. Rhology [Was77, GMFP05], rhodamine [HA71]. Rib [Ham78]. Rib-Supported [Ham78].

Ribbon [ABB+85, Bay78, BCD+85, CS85, Hei79, LM85, PC85, SD85, Twa85]. Rich [KE187]. Righi [Pri58a]. Righi-Leduc [Pri58a]. Ring [BS85, Fan61, TK64, HHA93, OCB+90, WSK+93]. ring-disk [HHA93].

Rings [CCR88, Str83]. Rio [TPC+13]. RISC [BGMR90, FAJ+94, Gro90, HM90, Mar90, MR909, OG90, RB90, War90, Aus90, BCJ+96, BS95, CMR+90, CM90, CM00, WD94]. Rise [Lin67]. Risk [GSAB93, LSS14, RM10, BKN10, BMF+16, CKE+10, DJK14, EPP10, FM10, HS14, HE10, KOP14, MR14, MS07, RAR+14, SBD+10, Yas07, vKCD+10]. Risk-based [LSS14, MS07]. risk-metric [FM10].


rooms [Fro71]. Root [Kog59, Mir69, Dan66, Pon17]. root-cause [Pon17]. root-locus [Dan66]. Roots [Che72, Jam89, MM83]. Rosetta [BGS90, CS81, Bag94, DM01, Duk90, FL89, Lax67, Sta89b, van89].


SDRAM [Cla03], SDH/SONET [Cla03].
Semiconducting [Pea69]. Semiconduction [SW86, Alf89, SCC+15, WN92]. Semiconductors [Aic84, Att92, BHY85, BKP82, BCGS81, CDD82, CH84, FLGB85, FF86, HMS81, HMO81, Han57, Har57, HCB82, Hoh78, Hor62, KH88, KMCY82, LB85, Mar64b, PH79, RGL63, RWL81, Yu61, Aas70, AHU+99, BNT86, BRB+07, BCGS00, CNS+99, KM68, LFF90, LLF+92, LRM+95, LD72, M79, MCH+82, ORT+96, Pri73, Ros99, Tan96, TMF+08, Tib93, TWF90, Vin81, V07, WL73]. semiconductor-related [WL73].
SW98, SST+98, SCYK78, SBdF64, TY64, WKW60, YS64, ATW+08, BBH82, CG71, DFF+15, EB99, FMS+92, G88, GOVC71, GBBM90, GLG+99, HC69, Hei90, Hes99, HST06, IFB+11, JGD+08, KMK68, KAB+05, KAD+08, KOT99, Lar80, MFPJ71, MPCR82, Ngu99, OR92, OS99, PW68, PSW+07, PM72, SAT+08, Tu90, WNV+02. silicon-based [Ngu99].

MVCW10, MI10]. smectic [CJ78a].
SMoLCS [AR87]. SMS [WZC+10]. SMT [Ano05c, MMM+05]. SN
[SG77, HHA93, Hor98]. Sn-Pb
[HHAA93, Hor98]. SNA [FP83]. SNC
[JSS13]. SnTe [CSE66, MDJ+70]. SnTe-MnTe [MDJ+70]. SOA [CFH+09]. Social
[BEJ+14, BDMN14, DGH+14, EEM15, KSSC+13, MDMN10, RVT+13, SXW+13, YCJ+17]. sockets
[BE+02, CRM02, NMF10]. sockets-based
[BE+02]. SoCs [PKZ+03]. Soft
[BSK+08, MS96, SKK+08, Z96, BH80, Del08, KCO80, ORT+96, RBK+08, Sr96, Tan96, ZMM+96, ZCM+96, van89, MBB+01].
Soft-error
[BSK+08, MS96, SKK+08, Sr96, ZMM+96].
soft-magnetic [van89]. SoftRDMA
[NMF10]. Software
[AFP+01, Ada84, BHP83, BBG+14, Car81, CBD+09, DR82, DOJ+14, FHL+14, KFW+14, LBC+14, MSV14, MP88b, Ohb84, SMC+14, SH84, Tay84, VMH+83, ABC+99b, AAB+14, ABB+03, AAS+14, AIH+14, BKN10, BFH10, BGJ+17, CHH+01, CDD+10, DYO10, GMR10, GLM+96, JWS+09, KRD+14, LH03, Mar12, MP88a, OEN+16, Pigg88, PAB+05, RP14, RIB+13, VRL10, VH81, WMK+07, WTT+14, WBT+10, WA15, DBC+06].
Software-Cache [VMH+83, VHS1]. SOI
[FAD+07, FCE+15, LBB+13, Nio02, PKZ+03, Sha02]. Solar
[BV78, CS79, DHM75, HC78, PCDW78, SCY78, KLHW16]. Solar-Garde [CS79].
Solder
[FHL+82, GLCW93, LCB93, Spr61, KLS+05, CGL93, Cor93, Mah93, RBWH93].
Soldering [GS82a, SPP72]. solders
[Hor98, KLS+05]. Solid
[CGG+64, Cha82, DHSC64, DHSC00, Far87, Kuz70, LY83, PHCR81, SS61, WWK+87, Wyn64, BKB76, Mii91, Nii95]. Solid-Burst
[Wyn64]. Solid-State [SS61, Nii95]. Solidification [CS79]. Solids
[BTH, Pri60, FGW81]. SoLoMo [CDL+14]. Solomon [Bla84a, Bla84b]. Solubility
[BS77, MLSS84]. soluble [SPP72]. Solution
[BDMW81, Bil70, BGT74, Bog79, CBH85, C65b, Dub72, FPS66, FK62, Her66, HWC75, Kog74, Ku63, Luk75, PF66, Sau81, Sch84, SLLP64, BSHM01, Bil72, BH80, CHG04, Dan66, KBA07, KRC68, Lee07, Mas97, Mic59, Sug59, VSS+09, Whi72]. Solution-grown [FPS66, FP66]. Solutions
[BT78, Hau96, Ku70, SLA+15, Swi62, Bra72a, DGH+14, DP13, DP68, FCP+05, HHA93, JKB+13, Jen10, Miki61]. Solvation
[Cle81]. Solvent [Cle81]. solvents [Yan71]. Solver [Coo84]. Solvers [ET86]. Solving
[ADST78a, BDB72, GR85, Tuc60b, ADST78b, Mic72, YFW+03]. Somatosensory [UC62]. Some
[AF68, Ano59m, AFR62, BTH62, Bon64, BS71b, CK79, Coo62, FL67, FP83, GS70, Gor63, HBL62, Ins76, JN82, KTL66, KLS66, KOL67, Kuh60, Lei62, LR65b, Ode87, Poh86, Poh95, RK74, RP78, RS67, Rus00, RBK+08, RBK+09, RSK99b, Sam59, Sam67, Sam00, SB64, Yas87, ZY72, Cra98, Emm97, FL89, BBGM90, Kit89, Lew75, Vie86, YHA71, Gro59, Lee07].
SOP [KAB+05]. Sort [Tod78a, TW85]. sort-merge [TW85]. Sorter [MTW83]. sorting [ZY72]. Sound
[Adl64, Bej74, Pri65]. Source
[GS80, Arc93, BCF+07, DSRC98, LH03, PAZ72, SR71, WSK+93].
source-synchronous [BCF+07]. Source/Drain [GS80]. Sources
[MN67a, KBJ+18, LD72, SSY12]. Space
[Che64, CC76b, HC69, HP84b, Hud76, Mag73, MS60a, San83b, Skl76, TY64, Nef90, SKC+10, Woo04]. Space-Charge [TY64].
Space-Charge-Limited
[Mag73, MS60a, HC69]. Space-Division
[HP84b]. Spaceflight [Jan81]. spacetime
[To04]. Spacing [Cha73b, TT75]. sparse
[Gup97, PS91, To97, Tom72].
sparse-matrix [Gup97, Tol97]. Spatial
[Fan64, FF73, Ho66, Lan57, Lan88, Lan96, Lan09b, SGY+98, WPH69, YL98]. spatial
ly [HdTR06]. SPEC95 [CP97]. Special
[Ano67u, PBCC12]. Specific
[HKM+86, MDJ+70]. Specification
[BHP83, LN79, MR87]. specifications
[MS89]. Specified [Pat70]. Specimens
[Keh65]. Speckle [AL76, Gab70]. Spectra
[Bro62, Hua79, Jon70, MIJ69, SG64, WA79, WC69]. Spectral
[BLLS79, HW81, Bar86, Bra72b, Tue68]. spectro [SA00]. spectro-microscopy
[SA00]. Spectrochemical [AC64].
Spectrometer [Lev66, HHH69].
Spectrometry [SFD77, Spo94].
spectroscopy [CHL+11].
spectroscopic [Cio86, Goz94].
spectrophotometric [Gra69].
spectroscopies [FNRF89]. Spectroscopy
[CW78, Gar86, GFW82, KJ86, RF78, TH70, ARM+01, Hun71, JKG69, SKB+11, SF93, Sek93, SN08]. Spectrum
[Wel61, Yet89]. speculative [OWG+13].
Speech [DFM+88, EKM64, LJ+07, Mer88, BHP17, MC87, SP17, TOKN18].
speech-based [TOKN18]. Speed
[AFR62, BHWZ63, CD78, Car60, CEY84, DAV82, DB76, Gre79, Har63, Hop59, KJMS67, LV67, Lew83, MM75a, MPT66, Pre66, Wei79, Woo75, ZL87, BJM+06, BCF+07, BGR+11, FKB+10, FMP+03, HVK+90, HDW+07, Ism00, KB06, Lin81, MKW+05, MPH90, Nof95b, Tho70, Ung72, VW78, Wie90, ZG71]. Speeds
[TW74]. Spelling [FZS88]. Sphere
[NM65, Sat63, DAV69]. spike [TYM+14].
Spin [All00, Bro62, Haa70, Hor57, Mas62, Sun06, Was77, BZ06b, JWS06, Kel89, Nes98, TFL+98]. spin-dependent [Nes98].
Spin-disorder [Haa70]. Spin-polarized
[All00]. spin-valve [TFL+98]. spinels
[Haa70]. spines [TMW+17]. Spinning
[CSS83]. Spintronics [WCT06, ZFE06].
Splatter [Zab77]. Splines [Ins76, Dim78].
Split [PK61]. Split-p [PK61]. Spoken
[KT66, ARS+17]. spread [BMF+16]. spring
[BW72]. spring-driven [BW72]. Springs
[Hau67]. Sputter
[CW78, MSG72, Ros99, JL90]. sputter-deposition [JL90].
Sputter-etching [MSG72]. Sputtered
[Flu67, Log70, LMD70, MJS70, SK69, Jon72, MU77, Pen69]. Sputtering
[CGHK77, KP79, KS79, KM70, Maz70, PDLM67, SJ70, KM00]. SQL [KBA07].
SQL-based [KBA07]. Square
[Che72, HBC70, Jam89, MM83]. Squares
[Cio86, Goz94]. Squarilum
[Lew78b, Mer78]. Squeezable [Han86].
SQUID [KKT+95]. Sr
[KBS+99, BEH+89, EHK+89]. SRAM
[Fre96, MAB+03, PC07]. Stability
[Bhu79a, Bra64, CHBH85, CTT66, Gil79, GS84, HA00, Ode87, Pis84, van88, v86b, Bra91, FGMPK95]. Stabilization
[KLB64, Stable [Hut74, Gri04, LO72].
Stack [Jel69, BK75, CBV08, GKG+13, RIB+13, Shi72]. stacked [KBS+99].
stacked-capacitor [KBS+99]. stacking
[DWA+08, SAT+08]. stacks
[GNF06, OKH+02, SGS+09]. staffing
[HRS07]. Stage
[BT67, Kar74, BB+03, Sch91]. Staggered
[Bra94]. Staging [GLS74]. Stand [Don80].
Stand-Alone [Don80]. Standard
[KBK+97, RS85, AHM+07, GHL+04, NFI+08, Cop94]. Standard-cell-based
[KBK+97]. standards
Start-Up [Mil83]. State
[Bar80, CH84, Fra70, LY83, PHCR81, SS61, van73a, BD74, BGL+92, HBW70, Hun71, ILH03, KM73, Nii95, PL73, SBG+71].
State-Of-The-Art [CH84]. Stateless
[VD014]. Statements [MR87]. States
[Ahu79, Erd88, Gar86, KJS6, Key61b, Lit62, CSH+89, HJS98, Rus04, Sho94, Swi62].
Submicron-gate-length [JVP 93, BD97, FJ78, FL89, FHPR91, G90, Gau03, HBB 89, HS71, KB06, LD00, MMV 01, SLYR72, SHTP11, TMF 08, Th90]. Structuring [Urs 75]. student [WA15]. students [ITS 15]. studied [Lud00, Ros00, SN98].

Studies [BC60c, BA69, Bru78, DHTW 86, DA77, FL59, Lu79, MP67, Sam59, Sam67, SLHM80, Sp94, BEH 89, CSH 89, EHK 89, FNRF89, GDSL14, HMO81, HF91, JS00, LFC95, Mat95, MMV 01, Sam00, TWRW99]. Study [Ada80, BB87, BP84, BF79, BT84, CEHL78, CK63, Dic60, Fan61, FT77, Fuj92, Gha75b, Gre79, Hor62, HBR85, KW83, Lev77, Lye77, O'H78, PFS 70, Sp94, SS87b, TDM 87, Tri88, A097, BGW91, BH80, CSW73, CW95, C78a, DCC 89, Dus71, Gro59, HAAA3, HH86, KIF 89, LB07, Mc59, Ok69, QS67, RR69, SSK14, SF93, SXP12, W87, YTF 89, ZWS11, TMF 89].

Submicron [JVP 93, BD97, FJ78, FL89, FHPR91, G90, Gau03, HBB 89, HS71, KB06, LD00, MMV 01, SLYR72, SHTP11, TMF 08, Th90]. Structuring [Urs 75]. student [WA15]. students [ITS 15]. studied [Lud00, Ros00, SN98].

Submicrometer [CH76, TT85, BK76]. Substructure [KP63, MHS62]. Subsurface [Fre72]. Subsystem [BS84a, CDG83, DSW63, FLS78, MTS84, Mil84, Pat85, WCB 86, AFFS89, BSK 08, BBC 12, CBB 04, CCD 09, CW91, GCS 12, HBL 99, HBL 02, ICO71, JDBP10, MSB 04, MWS90, Mc94, MLMP 12, MCG 15, OHK 07, OBB 05, OWG 13, SHR 09, SBC 02, WMB 15].


Sums [Dub83, MM83]. Sunlight [Hov78]. Supercomputer [MN86, ABB 13, AAC 05, ADG 05, BGK 05, BBK 08, CNN 08, BBC 89, KIF 89, LB07, Mc59, Ok69, QQ67, RR69, SSK14, SF93, SXP12, W87, YTF 89, ZWS11, TMF 89].

Superconducting [AW62, AOR62, BB60, CJ76, Col62, Cro60, Do65, EGS60, GL62, Jon60, KDBT60, Kt58, Kur57, Lit62, Mas62, Rec59, SM62, ACM 89, BPL 89, BEH 89, BH89, CSH 89, EHK 89, GSG 90, WSK 93].


Superconductors [GM62, Goo62, Le62, Map62, Mor62, T652, DY89, FNRF89, FL89, Gou89, HBB 89, KC89, Kel89, Meh89, Mor89, Sch89, Var89]. Superconformal [MWE70].

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

Superlattices [MSG 01]. Supermarket [Bra80, DSW82]. Supercritical [Fie65, RK72]. superscalar [BGW 04].
Supplier [DKR12]. supplies [BR09b, Cov92]. supply [BBSW97, DKR12, GCFW07, SKK14, SP14]. supply-chain [DKR12]. supplying [Yar12].

Support [DR82, AFP+01, ABC+99b, AYA14, AEH+04, BS06, BCR91, CGM+15a, CDG+10, DMG+17, DCC+17, DOJ+14, FGK+07, GDSL514, JWV+11, KBJ+18, KS90, KKB+97, LGW+15, LPMGD14, ST17, SKC09, TB909, VWE02, VMS+14].

Supported [Ham78, HKvG+11]. Supporting [DLW86, EEM15, Kum98]. suppression [Bus71].

Surface [AMGC86, AS78, ABM88, CFH64, DV64, DHTW86, DM64, FT64, Far87, GH86, Goo62, HBR85, KS66, Leh64, Mar64b, Mei62, Mor79, ODK+99, TY64, Tu90, WSW83, WS64, YS64, YAJ90, DR93, HBR86, LV94, MFPJT1, OS99, SRO94, SF93, TZZ+11].

Surfaces [Bru78, Chu82, CM74, Dem78, DJ75, DB76, FF86, GH86, HSM84, IM57, Jon65, Lund78, Pan78, PCDW78, Pol78, Pri60, Sch62a, Sou64, ALH95, BNT86, DF15, EM94, EC71, GI88, Keg75, KJSG+88, MSG72, RR72, SA00, SHTP11].

surgeon [TFJ+96]. Surplus [El 74, Agi74]. surprise [SM5C14]. Surveillance [RMR94]. Survey [Hei76, IM57, Met70, Rum79, WET+10].


Switch [ABC65, Con58, DWGC85, LW67, Mar59, PRY65, Sea58, BJM+06, Dha68, DMR+81, EB91, Eng63, GLO892, HAMC+04].

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

Switches [Chi60a, Con60, Kar74, Pet79].

Switching [CP63, DC73a, DW58, DPW60, Diel62, Eic65, HP84b, Kan74, KP59, Net60, Pca69, RTM65, Roe66, She59b, SLLP64, TW74, Thr65, Cor69, DCB77, DPW00, May60, Rey69, RR69, RW59, RHC73].

Switching/Memory [Poa69]. switchover [MWW+07]. SXGA [CAW+98, SS00].

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


Symmetries [AS87, Bra94]. Symmetry [But88b, Pen88, Wee79, HM89].

Symposium [Ano70b]. symptoms [Pon17].

Synchronization [ARV64, Cha67, PR71, NG17].

Synchronous [FRA80a, BCF+07, CN71].

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

Syntax-Driven [Mou86]. Synthesis [BMW83, BHD+05, Bud67, Ch60b, DJBT81, DBG+84, EKMW64, HP66, HO75b, Hud63, Kau81, May60, Rem67, WW75, POS+95, Ber76a, CT06, DBG+00, DSW71, GUS76a, GUS76b, MSG+01, RW59, SKB+96, Wei76].

Synthesized [Whe88]. Synthetic [van77].

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

System [ACG+87, AST67a, AEGP67, AS74, AHM+07, ABG+09, BEK+02, Bar75, BJS80, BBC+12a, BCF+07, BAV+09, BCD+85, BGM+97, BT67, BS84b, Bro78, BDH76, CCL92, Cha87, COC61, Cha74, Chu75b, CDD+90, CAC+13, CFH64, CDW75, CLR87, CAD+09, Com83, CI76, CD85, CP263, CDH64, CW91, DF1+88, DTH92, DBG+84, DMWW77, Dav80, DR08, DGG+92, Del08, DMP59, DSW71, EHHP67, ELZ79, ELMR77, FLW78, FLKA84, Fle58, FR77, FGK+07, FL67, FN71, FGM+83, GGRW91, GLP76, GL87, GRT74, GRT57a, GMT57b, HAI85, HAJ91, HAL76, HDW+07, HY84, HTH+09, Hen68, Hoo61, Hop61, HP84b, JWS+09, Kan74, KST58, KKB+09b, KBB+09, Lat37, Leh78, LH57, LH00, Lev64, LS76b, LW77, LIN84, LBH+75, LN79, Luh58b, MWS09, MC09, MD+70, MPS77, MDR+07,
System
[NHH91, OHK+07, PH79, PL83, PPS82, Pla76, PSW+07, Pri07, PS09, RH+99, RFC+07, RH75, SWF+09, Sar91b, SHR+09, SKC09, Sea57, Sha58a, Shi85, SBDD+09, SY73, SV91, Sow84, SBC+12, SW67, TSNW88, Tay84, TAE+07, Tit61, Tod78b, TBB+09, TAR84, TSC91, TBS09, WMK+07, WLP+80, Whe88, WHK+09, Wre83, WC75, Zab79, ZST+07, APRS16, AEZ84, AYA14, AKRS04, AUW+09, ADG+92b, ADH+07, ALS81, AH+14, BCD+17, Bar78, Bar68, BHR87, BB+02, BFM+16, BMP91, BNN+09, BKM+69, BB+98, BC18, BH80, BKR02, BBC+08, BBC+01, Bro72, BCR91, Buc82, BMT+90, BGJ+17, CJ83, CP97, CTD+16, CDM92, Cor69, CBD+09, Cre81, DBG+00, DBB+02, De91, DMG+17, DTO8, DBC+05, DCC+17, DAB+97, DGL+07, DEH+12, EGH+86, FKL+08, FW08, GBC+05, GDB16, Gra69, Gra71, Gri69, Has98, HZG+16, Hoa00], System
[HD+11, HCG+13, JSS13, JDP10, JCO0, JWV+11, KMC+11, KGT88, Ks96, KAB+05, KKM02, KCH+09, Kon69, KSB07, KHZ+08, LNT08, LSF84, LSZ+10, LMPP69, MMS05, MBJ+97, MSB+04, Man90, Mat89, Mey81, Mol69, MTB+90, MV+07, NCB03, OMA+96, OCT68, PMS+08, PBC+06, PR71, RAG11, RRMD+17, Re69, RBK+08, RD12, RMM03, RIB+13, SYG+98, SMP+04, SG95, SMC+14, SKT+05, Sta75, Stu70, TV85, TMS98, TDF+02, Tib93, Tol97, TPF+91, VAB+05, VTC09, WZC+10, WMH+97, YAH+96, YG81, ADG+2a, ACG+86, ACM+80, ABB64, ABB01a, AHJ+57, Aus90, BLM+92, BGM90, BEN+92, BM84, BGM+67, BBMP92, BRB92, BPS+97, Cal70, CMPR64, CRM+90,CTS+92, CDM92, CMW92, CDG83, Cov92, DHK+92, DGG+92, EGS+85, FL67, FAJ+94, GR92, GZM92, Gro90, GFS71, Gum83, HJM70, HM90, HOWP92, KS90, KLM+91, Lip92b]. System
[Mar90, MHR90, OG90, Pad81, Pad83, Pat80, RB90, Sa64, SSW91, Sta90, War90, WIL85, WGW82, WCK+07], System-level
[RBK+08], system-on-a-chip
[BBD+02, DBB+02, NC83], system-on-package
[KAB+05], system-wide
[SB07], System
[ACH+87], System
[BGM+67, FL67], System
[2000]
[Wi85], System
[3090]
[SSW91], System
[360], [AST67a, AEGP67, AB64, ABB00a, Cal70, CMPR64, Pad81, Sam64]. System
[370]
[FN71, ACG+86, CDG83, Gum83, Pad83, Sta90], System
[390], [DTH92, KLM+91, CMW92, GR92], System
[400]
[BL+92], System
[6000]
[Aus90, CRM+90, FAJ+94, HM90, Mar90, MHR90, War90, WDG+94, BGM90, Gro90, OG90, RB90], System
[7], [HHM70], System
[9000]
[CW91, GGRW91, Ha91, Sar91b, SV79, TSC91, ADG+92a, BBMP92, BRB92, CTS+92, Cov92, DGG+92, GZM92, HOWP92, BEM+92, CDM92, DHK+92, Lip92b], Systematic
[WA79], Systematics
[UC02], systemic
[MBK+15], Systems
[Age04, Age05, AG06, Age08, Bal05, BHP83, CdLS92, CFL73, Cha75a, Cho75, CLW80, Cle81, CC76b, DFS98, DR08, Des02, Des04, DLW86, ES92, FGC92, GLO92, Gha75b, GS74, GH67, GA84, HW12, Hal60, HLS81, Hau67, HT+09, HS82, Hov78, HCTS81, IS83b, Jam81, KP79, KSW74, Kob70, Kuha88, LS76a, Lei62, LD74, Nuu09, O081, Par66, Pen88, Pet76, Pri07, RK74, Roe66, Rot66b, SH57b, SH57c, SY92, SH84, Sur15, Swa60, TW62, Tay81, ZST+07, ABE+02, ABK89, A097, A001, AAB+16, An01c, AC84, AAB+05, AAM+07, AHHN11, BSJ+13, Bil72, BFH10, BK61, BH93, BFG+99, BJ06a, BKP82, CSW73, CCJH81, CDC96, CDG+10, CMS85, DSS+92, Dur70, ESM16, EO010, Fer70, Fga91, FGH+06, FN95, FNY+10, GZM92, GM72, dTGHC92, HG14, IS83a, IM+10], systems
[Jee58, JL90, KBM+99, KL70b, KT70, Kob71, KBC+03, LDJ+10, LQR04, LJVo7, LRR+02, MDV08, Mar12, MBF+07, MCH+82, MN97, Mos61, NAB+15, PLK09, PK88, PB+09, PP+01, PMW06, Pon17, PAB+05, QGT13, RQBW08, RFB+03, RH90, RW59, Sar91h, SRL+11, SPP72, SSMD10, SBP+03, STW+08, SSN+15, SCW10, Ste01, SN15, SV92, TXW+10, Tue76, VAB+13, VLP+05, VVHL6, VLB+09, Wal86, WNW+10, ABD+92, CNV+15].

T [BCSE89, FNRF89, FL89, HHB+89, KC89, Kat89, Kel89, KIF+89, Mek89, Mor89, VAB+05], T1 [Irv91]. T1-rate [Irv91]. T10 [NFI+08]. Table [Ano57w, Ano57x, Ano57y, Ano57z, Ano58r, Ano58s, Ano58t, Ano58u, Ano121, Ano122, Ano12k, Ano13c, Ano13d, Ano14k, Ano14l, Ano14m, Ano14n, Ano15l, Ano15j, Ano15k, Ano16e, Ano16f, Ano16g, Ano16h, Ano17d, Ano17e, Ano17f, Ano18b, Kin61, CGS61, Nob95b]. table-based [Nob95b]. Tables [Cle65b, MY67b, Mye72]. tabulating [KSH+08]. Tactile [DWGC85]. Tagging [Tar63]. Tailoring [Fer75, SRF94]. Tails [CCE+88]. taking [HST06]. taming [ZBBB17]. tandem [BCH+16]. Tantalum [SM62]. Tape [BBKW86, BS70, CDS+86, DM03, Gre79, HPWV81, Kis03, LS75b, Pat85, SH57b, SH57c, Sko58, WCB+86, ABB+08, Bau72, BP88, BE03, BS03, CIE+03, EOH10, FCH70, HYA03, ILO3, IC07, Jaq01, Led71]. tape-head [Led71]. tape-recording [ABB+08]. tapered [GZM92]. Tapes [BTW62, CTT66, PHT4, TW74, Vo15, BD74]. targeted [PSD+17]. Task [Kan74, BGH+05]. tasks [AKB+17, BHW+17, Sar91a]. taxonomy [CCF+10]. TCAD [LMW+01]. TCNQ [Lew78b, Mer78, SG78]. TCP [Bou97, NMF10]. TDI [Sch91, WYS92]. Te [Sui75]. Te-substituted [Sui75]. teaching [KdAC+15]. teams [DYK10, EEM15].

Technical
[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, Ano63l, Ano66s, Ano66l, Ano66v, Ano66w, Ano66x, Ano67x, Ano67y, Ano67z, Ano67v, Ano67-27, Bax58, DR08, Sam81, DCC+17, GHN04, Mar12].

Technique
[BLLS79, HMW74, Han57, HWC75, MD65, Nus77, PH+65, RM63, RP66, Skl76, West87, van77, AP092, EKT790, FW67, HHA93, Hun71, KMK68, Ko69a, LP78, Sit71].

Techniques [AC64, Aic84, Ber64, Bla59, Bla79, Bon64, BBH+67, BCRW82, Cha73b, GSE83, Ken61a, Lai80, Llo67, LKL+81, MG62, Ode87, Par80, Smi57, SSS78, STTF77, Tar63, Tro00b, Bag94, GRH+08, GCFW07, Hei80, JS00, KBF+92, LKFU05, MTF+95, Mc66, NDM+04, OR92, Okt69, PBCC12, ST17, Sar91b, SWC+97, SLYRT2, SPP+05, TGL+12, TG91, ZBBB17].

Technological [O081]. Technologies
[Att92, BNS15, CRH12, GS80, Gom99, MT84, NNF15, Ser82, SW83, BGLM09, BKS+08, DAC+03, HNS+03, Law02, Rit13, Tag09, MVCW10]. Technologist [Mey03].

Technology
[All81, Ana80, ABB+85, BSS82, Bal05, BMC86, BPS+96, BGK+80, BHW77, BHWZ63, CXX+88, Che06, Che08, DHSC64, DHSC00, DR08, Des04, Don00, Elm84, EHMW81, FHVZ80, Fle95, GHLW84, HW12, Hor93, Hor00, IK00, IBP+05, KGCS85, Kos15, KT84, Kua87, LMT84, LAG+84, LCB93, Lip29a, LSH79, Mat80, Mc61, MG92, MTS84, Mey83, Mit94, NK81, Nyn09, PC85, PPS82, Pri07, RWW81, Sak79, STCR84, SGESR10, Tro80, Tsu80, vM66, ADG+95, ABB+00b, AFF96, ABD+92, BK76, BRB+01, BPS81, BE03, BCK+05, BKFR02, BR82, BGL+92, BL98,
technology [Mey00b, OR92, OB09, PSA+08, PMV15, PZK+03, PSDK96, RB92, RGPP95, SHWK90, SAT+08, ST17, SI09, SHA02, SPNH13, SHSY90, SHSY00, Sta02, SHM+12, The00, TB00, VRA+09, WR00, YT16, AFP+01, SAPT01, TFR+01].

technology-migratable [BPS96].

teleco [CDL+14]. telecom [MDMN10].

telecommunications [Mey00b, VAB05].

teleconferencing [BBB+98]. Telephone [ABCR65, BM63, Hop61].

telephony [Dav58].

teleportation [BHMD04].

teleported [Felix04]. TelePOVM [BHM04].

teleportation [BHMD04].

telepole [McD88, SA98]. TEM [Wee72].

teleoscope [FFS98, SA98].

telescope [Hud76].

televised [AFFS98, SA98].

temperature [A989, BRE60, B63, CFFH64, ESM16, GM62, G584, GMT57a, GMT57b, Ker64, Lin67, Mee67, ODR70, Se09, SWE62, van98, Bea90, CNG90, Eme89, Fuj92, JWP06, Kahl71, Mey90, Mey00a, Okt98, PAI97, PAI89, ShwK90, SN92, Sch98].

temperatures [CS85, Cre58].

tenant [KMM+16].

tennis [BHP17]. Tensor [HO06].

terabyte [CIE+03].

terascale [FKL+08].

terephthalate [B879a].

term [FR60, GAC85, BBC+08, SSB+12].

terminal [CHA75a, Sak79, BA69, Kon69].

terminals [San83b, TL70].

termination [LAN66].

terms [ESA62, PLH66].

terrace [SHTP11].

terrestrial [Z986, ZIE96, ZIE98].

test [CW83, DOO83, EL80, EL83, GGKK96, OH74, SCH67, SW67, VTM+90, BKP82, CPT98, FU92, HBB+05, HMP90, HKR+97, K990, KB06, LSF84, MTB+90, RB90, RH90, SWF+09, SAR1b, WLF89, WON90].

test-pattern [EL80]. testability [STA90].

tester [FKOP90].

testing [BDWZ83, HO96, PW83, TC84, BTP+90, CAS+91, DDZ+07, FCH70, GWR90, JPTW92, MKW+05, MRC90, ORT+96, OCB+90, VWP90, ZMM+96]. tests [Ibe03].

text [Kin61, TSNF88, AAA+17, GGH+13, IrV89].

text-oriented [GGH+13].

texts [AC92].

textual [CCFSZ12, MFL12].

tFT [KPTW92]. TFT/LCD [KSK10].

tFT/LCD [JPTW92]. th [Ko85].

thallium [GL62].

The [Arm65, DG84, R59a, Tro80, AO97, CCF+10, HK64, HAO0, HBR85, HBR86, Jam89, Kum92, LAN60, LD78, SCH96b].

Theorem [DO80, ORD84, RD66, SH64].

Theorems [AC92].

theoretical [BD84, COO62, FK62, KEN61b, KU63, MP67, SB64, SM66, TC63, WAT60a, WAT60b, GRO59, OKT71, RR69].

Theories [JY88, JY88].

Theory [ARM65, AST76, BW81a, BB87, BL84, BOG79, DC73a, DO84, FP73, GAR86, GUN89, HP63, HO73, HOR57, IM57, JON98, KO67, KR59, LR70, LR56b, MAG93, NES98, NB61a, PI95, PRI95, RED57, RK75, RVV88, SS59a, SLO86, TU75, UNG72, VER88, YAS87, ZG65, AAS70, BAR82, CHA77, DBC77, EHL80, GIL60, GLS86, HBW70, K73, MN03, MHI01, MAT03, MAY60, MOR73, PAI98, PIP81, PRI80, RIV87, SCH98, ST98, WE21].

thermal [BB82, CJT62, CN79, CS85, DS77, JAN69, KEY65, KEY71, LM85, L64, M893, PC85, PW83, REI66, SAN83a, SFD77, STR59, TW85, WGC93, BEA90, BAY+09, BRB92, BSM90, CGL93, FGM95, GLC93, HOW92, IBE93, ILH03, KLM+91, KSO01, L72, PHCM05, SCI05, VDP94, YON90].

thermal-to-plasma [VDP94].

thermally [HE89, SG87, STH90].

thermally-activated [POT62, R74, STH90].
Timing
[HSC82, TAR84, BS95, BHD+05, MTB+90].

Tin [KDBT60, KT84, SM62]. TiO
[KBS+99, CKG+99]. Tips
[Fin86, Dus71, VDD+00]. Tires [SKK14].

tissue [PSP06]. tissue-patterning [PSP06].

Titanate [Cam57, DH57, Pen69].
Titanium [CKG+99, TDM+87].

Tl [BPL+89].

Tl-Ca-Ba-Cu-O [BPL+89]. TOBEY
[Bla94]. Today [KGCS85]. toggle [Wor06].

Token [BS85, Str83, OCB+90].
Token-Access [Str83]. Token-Passing [BS85].
token-ring [OCB+90].

Tolerance [PL83, CTS+92, NBF+16, Sch96a, Sta89b, Sta89c, TSC91]. tolerances [SJ89].
tolerancing [JS89, SJ89]. Tolerant
[Aic84, Com83, BKRF02, Cov92, CR84].

Tomographic [PL81]. Tone
[MN67a, HHSW01]. Tool [Elm84, ABL+84, ACM01, Bal91, BDS+97, GHP+93, Jee58, OSb93, PS91, SLC+97, SPS+06, TWX+10].
toolkit [KKL+14, MD12b]. Tools
[KGCS85, IBM13c, BH11, BDHH+09, DBB+02, MSW+05, Moi91, Tan08]. Top
[Tod88b, Man90, SON+91]. TOP-1
[SON+91]. top-down [Man90]. Topic
[Ano93b]. Topical [MT84]. topography
[HS71, Seg68]. Topological
[Gun69, NS92, VLK14, Aas70, RW59]. topologies
[ST89]. Topology
[Kuh60, Die91, MWL+14]. Torque
[Abb66].

Torsional [Pet80, Sat63]. torus
[ABC+05, Adl87]. TOSCA
[BBG+14]. total
[Rab69]. Touchless [SIKdL16].

Toxicity [RL70]. Trace
[Hei94, BGW91, SLC+97, BCCK92].

Trace-directed [Hei94]. trace-driven
[BGW91]. traceability [IZZ+16]. Traces
[FR60, APRS16, HHR99]. Tracing
[BDHH+09, WNBP91]. Track
[Hoa61, KMH82, Hoa00]. Track-Density
[Hoa61, Hoa00]. tracking
[RSS+15, RMR94]. Tradeoff
[BDMW81].

traditional [HG14, SNP06]. Traffic
[Cha67, HF91, Kar74, BSY+15, OIM+13].

training [CGM+15a]. Trajectories
[BJ67, Lev66, Tay79, CPvR00]. Transaction
[Woo87, OYHSB14]. Transactional
[LGW+15, OWG+13]. Transactions
[AGH+16]. transceivers [TJHK03].

transcription [HKD06].

Transducer
[Abb66, BCRFT74, Bra75, TT75]. Transfer
[CH74, CS85, FB78, Gom86, Gra80, Hud63, Kau81, Lik88, PC85, Rem67, Roe66, Sch62a, SS78, Sea57, Twa85, Bou97, DH69, DG93, HCL72, IMC+10, Led71, MKJM93, PMS+08, RK72, Sun06, Var89]. Transform
[AC86, Bla79, Dan66, Har71, Kri82, Mas97, Bra94, Kri82]. Transformation
[BNS15, FL76, NNF15, SR63, CRH12, HMP+11, KRTN+12, OB09, Sha12, UDP+12, Yav12, WBT+10, San12].

Transformations
[DJBT81, DDDKW12, Ros00, Sar97].

Transformer [TK64]. Transforming
[GAB+08, SHM+12, WAB+09]. Transforms
[AS87, Coo82, Nus76b, Nus77, Lew75, Nus76a, NQ78]. Transient
[AGAF63, BH82, Gru79, HS61, vS57, BGL66, SG71].

Transients [Loy79].

Transistor
[CW85, Cre58, Dun57b, FFH64, Ken61a, KO69b, KO70, KGCS85, LV67, MM75a, McG92, Rut57, Str59, Wa57, vS57, BGL66, CPTW98, DMR+81, FAFL91, Fuq92, GAOD71, HRG80, HST1, KM73, KFYU92, Kuo92, KOT99, LL98, SLRY72, TSH92, TCC98, TFF98, Won02, WWA+98, ZCK71].

transistor/liquid [APOP92, How92].

Transistors
[DS70, Gau77b, Gau77a, Gil79, KMO64, Mag73, Rei66, RS59b, Wal70]. CDS73, CDS00, Dha68, DM01, GOVC71, HF90, MTH71, TWF90].

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

transition-metal [SN98].

Transition-metal-oxide-based [KMB+08].

Transitions
[Cle81, DH57, LeB62, SM62, Whi70, MP81, VDP94].

Translating
[MS89]. Translation [CERS76, KLS66].
translational [EK87]. Translator [DO86].
transliteration [AFCB94]. Transmission
[Ber64, CDH64, Cro70, God74, Gur79, GC81,
GM63, HO75b, Hop59, Hop61, Koh70, Mul67,
RP70, Roc66, SFH65, WF83, WC75, Bra68,
CN71, DKR +90, DSRc98, HRW69, Hip70,
Ho73, HS71, Irv81, Lan80, Mel60b, MHK +11,
PR71, RWP16, Ros00, Tho70, TTI98, Wee72].
Transmission-Line [Ber64, Wee72].
Transmitter [Sha58b]. Transmitters
[CN74]. Transparent [DO74, PC64].
transparently [Irv01]. Transport
[BS64, FWW88, FP83, Fre70, HK64, Kle64,
MNR86, NBRB70, Pen88, Pri73, Sch62a,
Tof88, WCB +86, Von70, AF99, ALH95,
BZ06b, CP72, KLE71, LG88, LDSA02, RT99].
transportation [BSY +15, BCE +07].
Transverse [Mag73]. Transversely
[Che64, CS65a]. Trap [Boe69].
Trap-Controlled [Boe69]. Trapped
[Cro57, DYHS78, RRB +01]. Trapped-Flux
[Cro57]. trapping [Shi73]. Traps
[YDHS78, RG90]. trauma [FSG +73].
Travel [DWGC85]. Traveling
[HHJW84, Ray69]. traveling-salesman
[Ray69]. Travelling [Gun66b]. Traversal
[BL86a, BL86b]. Treasury [HS14].
treating [Lei61]. Treatment
[Jon60, MD12a, OMA +96]. Tree
[HY84, CHG04, LT95]. Trees
[Luk74, Rio60, Rot60a, Ris73, RW59, Rot60b].
Treffitz [BS72]. Trends
[GGK +13, LAG +84]. Tri [Tri58].
Tri-Glycine [Tri58]. triangulation
[Kep75]. triazine [GA88]. trigonometric
[Fil70]. Trihydride [Pan78]. Trimmed
[Far87]. Trimmed-Surface [Far87].
triplate [HRW69]. Triple
[Hal60, LV62, CJM96]. Triple-Modular
[LV62]. triplet [Hun71]. trouble [RWB +10].
troubleshooting [MWX +17]. True
[LBB +13, AKE +92]. TrueNorth
[MYKK +17]. Trusted [BCG +09]. TTL
[DTTK95]. TTL-compatible [DTTK95].
Tube [LD74]. Tubes [HMR82]. tunable
[HDK +11]. Tungstate [MVB62]. Tungsten
[KEJ87, PCDW78, VWJK11, YAJ90].
Tuning [Log70, SHCS05, AAB +10]. Tunnel
[AFR62, BKM80a, BMWL80, CSEM, CPZ63,
DRP86, Esaf62, Gef88, IBC64, Lik88,
Mar60b, MT64, NM62, Rut64, Ano06c,
BC00, GP06a, JWS06, Mos61].
Tunnel-Diode [AFR62].
Tunnel-Diode-Coupled [MT64].
Tunnel-Distance [DRP86]. Tunneling
[AMGC86, APS86, Ano86c, BMWS86, BL6a,
But88a, CSW86, CP86, DHTW86, EBD +86,
FF86, FS88, Gar86, GS86, Gom86,
Han86, HBR85, KJ86, KWB88, Lan86,
Poh86, PR59b, SB86, SNS +62, TH70,
WKB +86, v686b, BNT86, BR00, BL66b,
DPR86, LB97, St09].
tunneling [ZG71]. Tunnels [Mar79]. Turán [MR72].
turbulence [BS91, FKL +08]. turnaround
[ATW06]. Tutorial [St83]. tutoring
[SN15]. TV [CIJ +10]. Twisted
[HL83, LJ92]. Twisted-Pair [HL83].
Twitter [SPB +17, VMAB1]. Two
[Ano60h, BBH +67, BH79, Cal81, CA84,
FL59, GON +06, Gar64, Gau77a, GHP +85,
Hau67, HA58, KO69b, KO70, Le 62, LC80,
Loy79, OHM +85, Pat89, RS67, Rut57,
She59a, Sta67, TSC91, WRG99, Zwa65,
Ano66g, Ano66h, Ano66i, Ano66j, Ano66k,
Ano67l, Ano67m, Ano67n, Ano67o, Ano67p,
Ano67q, Ano67r, Ano67s, Ano67t, Ano67u,
Ano67v, Ano67w, Ano67x, Ano67y, Ano67z,
Ano68a, Ano68b, Ano68c, Ano68d, Ano68e,
Ano68f, Ano68g, Ano68h, Ano68i, Ano68j,
Ano68k, Ano68l, Ano68m, Ano68n, Ano68o,
Ano68p, Ano68q, Ano68r, Ano68s, Ano68t,
Ano68u, Ano68v, Ano68w, Ano68x, Ano68y,
Ano68z, Ano69a, Ano69b, Ano69c, Ano69d,
Ano69e, Ano69f, Ano69g, Ano69h, Ano69i,
Ano69j, Ano69k, Ano69l, Ano69m, Ano69n,
Ano69o, Ano69p, Ano69q, Ano69r, Ano69s,
Ano69t, Ano69u, Ano69v, Ano69w, Ano69x,
Ano69y, Ano69z, Ano69A, Ano69B, Ano69C,
Ano69D, Ano69E, Ano69F, Ano69G, Ano69H,
Ano69I, Ano69J, Ano69K, Ano69L, Ano69M,
Ano69N, Ano69O, Ano69P, Ano69Q, Ano69R,
Ano69S, Ano69T, Ano69U, Ano69V, Ano69W,
Ano69X, Ano69Y, Ano69Z]. Two-Collector
[Rut57]. two-cycle [Van97]. Two-
Degree-of-Freedom [Hau67].
Two-Dimensional
[Gau77a, GHP +85, KO69b, KO70, LC80,
OHM +85, Zwa65, BS91, Fra89,
Gla97, Her72, KM68, LKY80, LGBV17,
Nef90, RS66, Sav69, Sta63, Van97].
Two-Collector [Rut57]. two-cycle [Van97].
Two-Degree-of-Freedom [Hau67].
Two-Dimensional
[Gau77a, GHP +85, KO69b, KO70, LC80,
OHM +85, Zwa65, BS91, Her72, KM68].
Two-level [GON +06, Pat89].
Two-Parameter [FL59, Sta73]. Two-pass
[WRG99]. two-phased [LGBV17].
Two-Photon [BH79, Gar64, Loy79].
Two-Point [RS67, RS66]. Two-Queue
two-seller [Sav69], two-step [Gla97], two-user [LYK80]. Two-Way [She59a]. Type [CEHL78, CW91, DWGC85, FP69, GGRW91, Haj91, KO69b, Kuz70, NHH91, PL79, Sar91b, SV91, TSC91, CTS+92, CH82, FA70, GSG+90, HMM82, MN67b, MKW+12, Vur70, WS72].
Emm97, HCG+13, LHS+17, LL98, YBF+14, FSG+73, KAF+16, Kit89, PSD+17]. Underwater [Bei74, HKA+13]. Undetected [HDBR08, SH57b, SH57c]. undirected [Ari69]. unfolding [ZEH+08]. Uniaxial [KG63, Kum65]. Unification [BUK88, Bei92]. Unified
[CAE+76, FBG12, KKL+14, YSH12, CBD+09, MSV14, Nob95b, MBA+12]. Uniform [CT76, Gru79, Par60, SHTP11]. Uninterpreted [CA84]. Uninterruptible [Ste01]. Unique [Kum92]. uniqueness [Bil72]. Unit [FB78, GSS27, OG87, Ser82, WRLA57, AEGP67, BGAJ94, CBB+05, EV93, GWS+04, HFH94, HM90, JO96, MHR90, SSM97, SK99, Th90]. United [Irv93]. Units [Tom67, ADS72, HSL+05, SG94a]. universal [Bla84a, Bla84b]. universes [GRS13]. University [Wie58, RCH+86]. UNIX [KPT+02]. Unstable [BFT79]. unstructured [AAA+17]. unsupervised [BSRG17]. UP-US [Kuz70]. UPC [Bra80]. update [CNSS12]. upgrade [MV1+07, PVAK02]. upon [HP01]. upset [GRH+08]. upsets [HRC+08]. Urban [BH11, BMS+17]. URL [VNT16]. usable [BBK+16]. usage [CHM+16]. Use [Bla63, DW58, DB78, FL69, Hor62, Koa69, LV62, Mas97, Oht95, SSL73, Spr61, Swa57, WN92, BO69, BDHH+09, CWC95, FKK+03, MBF+13, MS05, Oka69, SFP72, Sha12, CASP91]. Used [BBT83, DWW90, ESA02, Gor63, HHSW01, HHA93, ILH03, RWM+05, Vie86]. useful [PK88]. usefulness [KHW16]. User [CN18, Elm84, LG78, La80, ASR07, CJK+13, KJB+18, LKY80, Pon17]. User-Computer [LG78, La80]. User-generated [CN18, KJB+18]. User-Reconfigurable [Elm84]. user-reported [Pon17]. users [AKNR10, HHC+18, Kum98]. Using [AC64, AFF+09, Bar80, BBH84, BHP17, Ber64, BDH83, BCH84, CD78, DG84, FF73, GSVE83, GVA75a, GDA+74, GMS05, HMP+11, Hud63, Jel69, Kog57, Kog58b, Kog58a, Kog59, Kra81, LB85, Mar64a, MHR+15, MPST66, NGMW57, Nus76b, PLHJ70, RS85, RWC80, Rut59, Sam59, Sam67, Sch80, SS61, SLLP64, SW86, Spr63, Tod78a, Tod78b, Ull65, Vo165, VRA+09, YCJ+17, Zve65,
Nun09, Pea09, Pri07, PS09, Pul07, Viv14].

**Vicinity** [FK62, Ku63, RE71]. **Victim** [FLMKS06]. **Victor** [SWB+91, JZ91].


**Virtual** [Bar75, CFL73, Dub72, Gha75b, Gum83, LQRS04, AAM+09, BCG+09, Hat72, JZW+09, KKM02, SSMGD10, Tuc76, VDO14, JS89].

**Virtual-Memory** [Bar75]. **virtualization** [AAF+09, AAB+05, ABB+15, GKT17, MBA+12, SAB+07], **virtualized** [BGS13].

**Viscoelastic** [Bau72, BP88]. **visibility** [BCH+16]. **vision** [Kis96, ODL+09]. **Visual** [ATC+15, BSY+15, BL15, Far91, FvGM90, HRS97, JWZ97, LKL+81, MCAW95, ML82, MM82, MTW83, RBB+02, RH90, Sar91b, SG95, Sec95, SP90, SMD80, SCM+82, Sta89b, Sta90a, SGC+87, TFL82, Tro80, VTM89+90]. **VM** [Bar78, Cre81]. **VM/370** [Bar78, Cre81].

**VMX** [EWT+07]. **Vocabulary** [DFM+88].

**vocational** [CGM+15a]. **Vocoder** [Rot66b].

**Voice** [GCPVG85, KLS66, Cor69, Nob95b]. **voice-band** [Nob95b]. **Voice-Excited** [GCPVG85]. **voiding** [HRS+95]. **VoIP** [ZCLS10]. **Vol** [MH98, SW98]. **volcanic** [PB89]. **vol** [Ano93c]. **voltage** [Gau77a, Gef88, MPD86, ON60, Rei66, SS78, WS75, BBH+95, HZB+06, NHKI03].

**Volume** [Ano92a, Ano92b, Ano94a, Ano94b, Ano94t, Ano94u, Ano95a, Ano95l, Ano97j, Ano98a, Ano98l, Ano99a, Ano99l, Ano01a, Ano02a, Ano02b, Ano03a, Ano03b, Ano05a, Ano05d, Ano06a, Ano06d, Ano07a, Ano07b, Ano08a, Ano08c, KN91b, SAT+08, Ano97a, Ano00a, Ano00j, Ano01a, Ano01o].

**voluntary** [LRNS17]. **Voronoi** [MS87, SN87]. vs **vulnerabilities** [GDB16].

W [FvGM90, Sta75, Win78]. **Wafer** [KYY+08, Sta85b, GBB+05b]. **Wafer-level** [KYY+08]. **Wafers** [PH79, Sta87, Seg68].

**walk** [LT95, SM71]. **Wall** [DKAC67, Mid66, MW67, PW67, Slo66].

**Walls** [Fre79, MMT60]. **Walsh** [Hor76].

**Wang** [Ber76a, Wie76]. **WARM** [BR82].

**Warning** [Tod78b]. **washout** [AKKJ72].

**Waste** [VGC79, Fre72]. **Water** [LD74, BBMF92, BRB92, BR09b, DGG+92, ESM16, SPP72], **water-cooled** [BBMP92, BRB92, DGG+92].

**water-soluble** [SPP72]. **Watson** [TFJ+96, WH94, ESI+12, Fer12, LPM+12, Lew12, MMB12, TGL+12].

**Wave** [Bay69, BT84, CS65b, GS82a, GM63, Mir60, WS64, HM89, Mir61, Tur69]. **Waveform** [JZ91]. **Waveform-relaxation** [JZ91].

**Waveforms** [Gaz78], **wavefront** [LHJ69].

**Wavefunctions** [MY67b]. **waveguide** [BGO03].

**Wavelength** [HIM66, PSH80, RFK+97]. **Waves** [MM64, Lan60]. **Way** [She59a]. **WCDMA** [RFB+03].

**Wear** [BS71a, BS78, Bay78, CEHL78, Pol78, Ros78].

**wearable** [WSCK17]. **Weather** [Low78, TPC+13, TCP+16]. **Weaver** [KRD+14].

**Web** [AKNR10, BBD+98, HSS+10, KFH+06, Oha10, VTC09].

**Web-delivered** [HSS+10]. **Web-enabled** [BBD+98]. **Wedekind** [Ber76a, Wie76].

**Weight** [Hsi70, Ris73]. **Weighted** [Sma57, WLEF89].

**welding** [CMR72].

Wide-Range [MPD86, Gra69], wideband [PR71]. Width [BM80b, PL83]. Widths [FR60, SAL63]. Wildfire [NG17]. wildland [KXX97]. wildlife [FNS+17]. WiMAX [CDD+10]. window [Bar86]. Wire [Don81, HL83, Lin84, MW80b, CH06, FXB+10, HHSR96]. wire-speed [FXB+10]. Wireability [KMH82]. wired [Mey00b]. Wireless [LSZ+10, CS07, JGD+08, KBC+03, Mey00b, WP11]. Wires [Pre66]. Wiring [CB85, Don80, Elm84, FH+82, KMH82, LH81, LCH95, SP90, WGC93]. Within [Sta84b, AJA14, Ir01, It09, It00]. Woodger [Dun57a]. Word [Bla59, Bla88, BHWW77, FP57, KT66, May81, BR82]. Words [FZ88]. Work [Men62, Mic78, Pol78, SC81, Dun57a, KJP11, LFR05, V’LKW14].


Workforce [LSS14, NRA+07, CDG+10, GCFW07]. Working [Bry75, Gha75a, GMR10].

Workload [AAS+14, BHH03, Gsc16, LDJ+10, FAJ+94, RLP14].

Workload-based [BHH03]. workloads [HCG+13, SM16]. Workshop [Ano86c, Ano89]. workstation [SON+91].

workstations [PZGL91]. World [Whe88, BB09, Gri04]. worldwide [CNG09, MBC+06, SKK14]. worrying [Mer04]. Worst [Cve87b, KGF77].

Worst-Case [KGF77]. Wrap [Lan63]. wrinkling [SGS+09]. Write [Sch58]. writer [Ono93]. Writing [Hut74, WPH69].

X [Arc93, BM93, COC61, CNH73, CHL+11, Col69b, GHP+93, GC93, HS71, Hua79, JS00, KKS+73, KWT+11, LL93, RSL+70, RF78, SF93, See93, Seg68, SMVK90, SRO93, SS93, Sp93, SN98, SA00, War93, WSK+93, WII93].

X-PEEM [CHL+11]. X-ray [Arc93, GHP+93, GC93, JS00, LL93, SF93, See93, SMVK90, SRO93, SA00, WSK+93, WII93, COC61, Hua79, War93, BM93, CNH73, Col69b, HS71, KWT+11, RF78, Seg68, Sp93, SN98]. X-Y [KKS+73, RSL+70]. X. 21 [WZ87]. Xe [BKB76], XL [Sar97]. XMCD [YTF+11].

YBa [BH89, CDM89, MRH89, vHv+89].

YCu [GSG+90]. years [BS03, Wil93].

Yevick [HBW70]. Yield [Mei83, SMD80, Sta84b, Sta86, CHL+11, Sta76, SCM+82, Sta89a, Sta00]. Yields [Doo83]. YIG [GDR70]. YODA [GBS+87].


Z [PS09, BBC+12a, CAC+13, Pri07, Sur15, vBB+02, PERW02, WMK+07, WCK+07].

z/Architecture [PER60]. z/CECSIM [vBB+02].

z10 [ABG+09, BAV+09, CCD+09, CAD+09, HTH+09, JWS+09, KBB+09b, KBG+09, MWS09, MC09, SWF+09, SHR+09, SKC09, SB09, TBB+09, TB09, WHK+09].

z13 [ACD+15, ABB+15, BHH+15, CCC+15, CAK+15, CJB+15, KGD15, Kos15, MCG+15, SKP+15, SLJ+15, TBG+15, TCK+15, WMB+15, WLB+15].

z196 [DE+12].

SBC+12].

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In electronic mail dated Wed, 27 Jun 1990 11:55:36 EDT, Guy Steele reported that an intrepid pre-SIGPLAN 90 conference implementation of what is stated in the paper revealed 3 mistakes:

1. Table 5 (page 124):
   insert k <-- 0 after assertion, and also delete k <-- 0 from Table 6.

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

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

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See [SST+98].

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