A Bibliography of Publications in the *IBM Journal of Research and Development*

Nelson H. F. Beebe  
University of Utah  
Department of Mathematics, 110 LCB  
155 S 1400 E RM 233  
Salt Lake City, UT 84112-0090  
USA  
Tel: +1 801 581 5254  
FAX: +1 801 581 4148  
E-mail: beebe@math.utah.edu, beebe@acm.org, beebe@computer.org (Internet)  
WWW URL: http://www.math.utah.edu/~beebe/

21 October 2015  
Version 1.124

**Title word cross-reference**

\((-1, 1) [MY65], (0, 1) [GS72a], (b, k) [AC84], (E, k_x, k_y) [ZVW+11].\)  
\(\infty < N < +\infty [Kog57, Kog58b]. \)  
0.11µ [BDN+02].  
0 < N < 1 [Kog58a]. 1 - µ [GSC80, JHH+81].  
2 [HS60, MDJ+70]. 22 [FCE+15].  
25K [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]. 51/4 [FMPS93]. + [HC69, Les71].  
0 [Wei65]. 2 [ABB+08]. 1 [CSH+89]. 1-x [LMPP69, MB75, Mat70, Vur70]. 12 [MKP73]. 2 [ABK89, BH89, Bra72b, Bru78,  
CKG+99, CL64, CSE66, CDM89, CFH64,  
CCD57, CSH+89, DYHS78, EB99, FA70,  
GSG+90, GBC65, HC70, KG80, KLBP64,  
KL80, Kus70, MRH89, MJS70, OG80, RF78,  
SJ70, SARG80, Tu90, Vur70, WB70,  
YDHS78, ZBL+72, vHv+89]. 2-x [ACM+89, BEH+89, EHK+89]. 3 [CSE66,  
CDM89, CCD57, CSH+89, GSG+90, HD69,  
KBS+99, LD74, Mat70, MKP73, WTP64]. 4 [ACM*89, BEH*89, EHK*89, FA70, Kus70,  
Vur70, WB70, WTP64]. 5 [BH89, KLBP64,  
MRH89, MKP73, ZBL+72, vHv+89]. 6 [YAJ90]. 7 [CDM89, CSH+89]. 7-δ [BH89, GSG+90, MRH89, vHv+89]. c [BCSE89, FNRF89, FL89, HHB*89, KC89,  
Kat89, Kel89, KIF*89, Mee89, Mor89]. r [FL89]. th [Fuj92]. x [ACM+89, BEH+89, EHK+89, LMPP69,  
MB75, Mat70, SG77, Vur70]. A [LO72]. b [Bos70b]. β [Phi78]. cN [Kog57]. f_t [Phi78].
additives [VBDA05]. Address [BCH84, Fra83, HP63, SR63]. 
Address-Independent [Fra83]. Addressable [MLGD84, WV71].
advancements [ABB+12a, ABG+09]. Advances [BGL07, CCC+15, RQBW08, STCR84, Tis90, DM01, KFS92, KAB+12]. Advancing [BGL+92, CAK+15]. advantage [HST06]. Aerial [BDS+97].
Aggregating [Oha10]. Aggregation [BBG00, Cla03, KOP14]. Aligning [GWM78, Fie65, GL62, NM65, RL70, VGC79, AT00, BKM80a, BJMO80, HRS+95, LMPF96, TCC98]. aligned [SD71]. Alloys [BS64, CJT62, Col62, HBL62, HK64, HB74, How82, Jon60, KS66, LR65a, Lud78].
AIM [RHC73]. Alone [Don80]. along [LT95].
Alpha [HRC+08, GRH+08]. alpha-particle [GRH+08]. Alpha-particle-induced [HRC+08]. altered [Irv89]. alternate [VWE02]. alternating [Wid67].
Alternative [AKNR10]. alumina [KLM+91].
aluminum [SD71]. Aluminum [ADH70, AHI+98, DYH78, Jon70, YDH78, AdH00b, Lar80, SL66]. Aluminum-based [AHI+98].
Aluminum-Implanted [DYH78, YDH78]. ALUs [PV93, Sch80]. Ambient [BMC86, Leh64, RC09]. Amdahl [CPD+09]. Amendment [Ku63]. Amino
[BBD63]. **Amorphous** [BK76, CCG73, CH76, Fri69, OHSP76, Sch75, VGC79, KOT99]. **amounts** [BBC+08]. **Amplification** [Bre60, Pri65, RK69, Sni57, ZZ69, Ito97, Ito00, Lan60, Tur69]. **amplified** [HHSW01, Ito01]. **Amplifier** [Gra80, TC63]. **amplifiers** [JGD+08]. **amplitude** [BS71a]. **AMR** [Ibe03, ILH03]. **Analog** [ARV64, Wal58, HB73]. **Analog-to-Digital** [Wal58]. **Analogon** [BDH83]. **analyses** [BBMP92, Gro59]. **Analysis** [AW82, AH79, AGAP63, BBC+09, Bos97, BK61, BCGS81, Cal81, Cas60, CFL73, CHW75a, CHW75b, Cha62, Cha74, Cha75b, CW85, Chi86, CDW75, CW77, CMS85, CPL+74, Cve87a, FE75, Gar73, Gau77a, GLS74, GLP76, GS87, GA84, GL87, Gru79, Gus76a, Gus76b, HS81a, HP66, HW81, HS81, HSC82, Ho66, HS82, HO75b, HS71, How84, Hua79, Ken61a, KO65a, KO69b, KO70, KGT88, Knu87, KM74, La80, Lan74, Lee77b, LS76b, Man85, Mat85, McA83, MW79, NB61b, Ohb84, PL83, PH65, Pim76, RP70, Rue79, SC75, SFD77, Sop59, SM66, Sta87, SM63, SG64, Tak87, Tan74, TKG89, Thu60, Tit61, TAR84, VSF65, Wat60a, Wee79, WCM82, WC75, WA79, Yas85, Zar57, ABM88, Bal91, BFR13, Bir01, BGL66, BBS+03, Bro72, Bur72, BCGS00, CGM+15, Cha73a, CGLL93]. **analysis** [Cop00a, Cor93, Dan66, DBB+02, Die91, ESA02, Fer70, GMNE63, Gre60, HMO81, HMO81, HKA+13, Ho73, KFB+97, KM68, KWT+11, KBF+92, KS01, LPM+12, LFF90, LSW13, LD72, Lom77, MH01, Mat03, MDMN10, Mon82b, MFL+12, Okt71, PSP06, PAZ72, Pig88, Sch96a, Sed67, SBG+71, SB+12, Sta75, TWX+10, TKV00, TTT08, Tue76, VPD88, WTT+14, WC69, YBF+14, You90, ZBL+72]. **analytic** [Bar78, Mat03]. **Analytical** [LD72, MIH01, SLHM67, Tr000b, VMS+14, Bat00]. **Analytics** [EDGL+13, AHN+03, ADF12, BCC+12, BSY+15, BGL07, BEJ+14, CDL+14, CJH+15, CP13, DGH+14, GGK+13, GSC12, Kau15, KRTN+12, LPA+15, MHR+15, RCP15, SKP+15, Sof13, SS15, SMX+14, Yar12, ZSY+13, BBF+13]. **analytics-based** [KRTN+12]. **analyzer** [Ano71, MMSU88]. **analyzers** [DWW90]. **Analyzing** [HAG+13, KSH+08]. **Anreeev** [vHV+89]. **Andrew** [RBB+11]. **Android** [SBG+13]. **Anelastic** [NB61a, NB61b]. **Angle** [CSS83, Lan63, PBF60, PW68]. **Angle-of-Incidence** [PF60]. **Angular** [Hun59, Sun06]. **Animation** [BS91, FLB85, WNBP91]. **Anisotropic** [Pri60, NSOO98, PM72]. **anisotropies** [Yan71]. **Anisotropy** [Boy60, OHSP76, PF60, You90]. **Annealing** [Bhu79a, CCP85, CFH64, DKNS87, GC68]. **annihilation** [Pet89]. **Anniversary** [Car81]. **Anodic** [Dat93]. **anodization** [Hes99]. **Anodized** [PCDW78]. **anomalies** [LW13]. **Anomalous** [AC63, CP68, LeB62]. **Anonymizing** [GDLS14]. **ANSI** [NFI+08]. **Answering** [Pla76]. **answers** [Fre04, GLK+03, MKW+12]. **antenna** [LGF+03]. **antennas** [DHK00]. **anticipator** [HM90]. **Anticoincidence** [Spr63]. **Antimony** [DV64, HK64]. **antispam** [WZC+10]. **any** [DDMS92]. **Aperture** [van77, SRCW97]. **APL** [AT87, Ch86, CJ91, DO86, FI73, Lat73, Ort84, Sur69]. **APL/370** [Ch86]. **APL2** [Ali89, Bro85]. **APLGOL** [Kel73]. **Apparatus** [BP75, Tay57]. **appliances** [JWZ+09]. **Application** [Ast67b, Bar75, BMC86, BSJ+13, BKU88, BHW77, CM80, CD85, DC82, Dou62, FLB85, GA68, GHK67, HP63, HJ88, HKM+86, How82, KT70, Kob71, KM70, KM00, KT84, Koy59, KBF+92, LS76a, Le 62, LMT84, MW80a, Mar64b, MS67, MS87, Moi91, MPD86, PBC+06, Pip79, PKZ+03, Rot66b, SM78, SLG78, SF93, Tri80, TTI98,
AKKJ72, AAB+10, ABM+01, BBPS91, BDS+97, CP72, CLP+13b, CPT+08, CN94, EPP10, FKL+08, GI88, HBB99, LFR05, LRT97, LS72, MDJ08, MC87, Mon82b, NCB03, RR69, SBG+13, SHC+72, SCW10, TCCH98, BLM+92, MY65, MM75b.

Application-level [DSJ+13].

Application-Specific [HKM+86].

Applications [ABC+85, Aic84, BV78, BAH82, CA84, CH84, Com83, Cro79, Dat98a, Han96, HF78, Hop61, Kan81, NB61b, OO81, Sch75, SCYK78, WKB+86, WR83, ZG65, vv86b, vAR82, AW82, ABB+13, ABB+03, ARM+01, ACM01, ATW+08, BBH82, CS84, CCG73, CIJ+10, CBBS90, CKL+13, CJK+13, CRM02, DT08, EWS+13, GR92, GBBM90, GSC12, HKV+90, HHR99, IFB+11, KM93, KFH+06, KLS+05, KKT+95, LPA+15, MCAW95, MN97, Mos61, Ohm10, Os93, RFC+07, SBG+13, Sch96b, SWC+95, SPR+95, SHDK95, TWX+98, WYF+03, WY92, YAH+96, ZSY+13, ZFE96].

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

Approach [BBC+64, BF77, CAE+76, CHS82, Gor65, HJS88, Hto75a, KMO64, Len58, RSB5, ABG+95, AYA14, AR87, BKN10, BTWY92, BL15, CHP4, DEG+01, Fer70, HCO74, KRTN+12, KSSC+13, Lub57, NMY+09, RCP15, Rub90, SKSP06, SJZ+15, TWM+14, VJA07]. approaches [DJK14, Fra89, MBB+01, SNP06, TSC91].

approximants [Ris72]. Approximate [CPvR00, CHW75a, SC75, Sau81, Sch62b, Di 88, HSL+10, Le61]. Approximating [And73, Kep75, MIR69]. Approximation [RK74, AGJA06, MM94, Riv87, Sit87, Wee72]. AQL [ADST78a, ADST78b].

Aquous [CHBH85, LG88]. Arabic [AFCB94]. arbitrary [MY65].

Architectural [BS95, Sou96, BS06, KL70b]. Architecture [ABC+99b, AK82, ABB64, ABB00a, BLM+92, BBH+81, CdLS92, Com83, CDG83, Cve87a, DLW86, ES92, FGM+83, Gum83, Gyg08, HF94, JB07, LSZ+10, MMR89, Ono93, Pad83, SW83, Tay84, UMK+85, WF87, Wri83, YS99, ARG00, BDN+02, CNV+15, CGM+15, CPT+08, CBD+09, EBD+95, FPST14, FXB+10, GBC+05, HHH86, JS14, LNT08, MSB+04, MME+97, NAB+15, O9G90, PVDF95, RD12, RBL+09, SHL07, VTC99, CRID07, HFH94, HKJ+01, IMSV10, JMP96, PERW02, SY92].

Architecture/390 [SY92]. Architectures [BGLM09, FH84, BGS13, BIK+05, CCF+10, Cla03, Na92, OTC14]. Archive [BBC+08]. archives [CBK+98]. Arcing [HMR82]. arcs [Hof60]. Arcsin [Kog58a]. Arctan [Kog58b]. Area [DO74, FHL+82, Gau77b, HS85, HS81a, CH06, HM01, OC9+90, ST89, Sta89b, Sta89c]. areaal [ABB+08]. Argon [SJ70]. Argonne [CKL+13]. arise [Rus04].

Arising [Sch63, BK61]. Arithmetic [BMW83, Cas71]. Array [AKK+67, CL74, Dan81, FHL+82, GLL80, JT66, Jon75, MW79, PSS67, RT75, SW98, VPS88, Wei79, Woot75,+BGL+92, CMM02, FM75, Fre96, HLL2, MLB+12, MKJ93, SST+98, TSC91]. Arrays [EL80, LBH+75, MW70, Ort84, Raa76, FJS89, GM73, HDBR08, HL72, JPTW92, KOT99, Mar71, Mor73, PC07, Spr71, WW71, Won90].

Arsenic [BA62, DJ70, JD67, SR71, CG71, GOVC71].

Arsenic-Doped [BA62]. Arsenide [And60, vM66]. Art [CH84, BGL+92, MM91]. Arthur [WM92]. Artificial [Dav58, Gri92]. AS/400 [Ste01, BLM+92]. ASIC [BDN+02, BTP+90, BPS+96, BL98, DL02, EGH+96, HOF+11, PBK96]. ASIC/
SoC [DL02]. ASICs [BBD$^+$02, GGKK96, SGS$^+$96, SKB$^+$96].

ASLT [LV67, Llo67, SST67]. Aspects [Ame80, Ano59n, BBMP92, CK79, GFHW82, HHJW84, HO75b, Kol87, Len74, PPS82, SB64, Wat60b, Yas87, HMO81, HHSW01].

assembled [GSAB93, Man90]. assemblies [CGLL93, GLCW93]. Assembly [Doo83, LW77, RBC78, WLPL$^+$80, BRB$^+$07, ESA02, SCH$^+$09].

Assessing [Mar12]. assessment [BISN$^+$12, BJ06a, HE10].

Assigned [Ano66n, Ano66m, Ano66o, Ano66p, Ano66q, Ano66r]. Assignment [Bea74, Don69, NRA$^+$07]. Assignments [MT77]. Assistance [FZ88]. assisted [CNS$^+$99, GM69, GMP90, Hes99, JKG69].

Associative [Gab69, JM64, KPST61, MP61]. assumptions [BJW72]. assure. assurance [MCH$^+$82].

Asymmetric [IMC$^+$10].


Attenuation [Dav79, DSSS64, EG560, Mor62, PL81, Swa59, SS59b, Far82, Lew73]. Attitude [CI76, GHK67]. Attraction [PH81].

attribute [Arb86]. attributes [GA68, PERW02]. Audio [WLKS98].

Auditory [Dav58]. Auger [CW78].

Augmented [GFS71]. Augmenting [AAJ14]. Aulin [KL80]. Austin [Ros03].

authentication [CLP$^+$13a, OYHSB14].

Authors [Ano92a, Ano93b, Ano94a, Ano94b, Ano95a, Ano97a, Ano98a, Ano99a, Ano00a, Ano01a, Ano02a, Ano03a, Ano05a, Ano06a, Ano07a, Ano08a].

authors [Ano94q, Ano95i, Ano95g, Ano95h, Ano95j, Ano95k, Ano96g, Ano96h, Ano96i, Ano96j, Ano96k, Ano97f, Ano97g, Ano97h, Ano97i, Ano98g, Ano98h, Ano98i, Ano98j, Ano98k, Ano99f, Ano99g, Ano99h, Ano00i, Ano00f, Ano00g, Ano00h, Ano01i, Ano01j, Ano011, Ano01m, Ano01k, Ber76a, Wie76].

autoconfiguration [BBC$^+$12a].

Autocorrelation [BR82]. Automata [RS59a, Ros66, Rot66a, Shp59a, DWW90, EM65, HMP90, SG94b].

Automated [GAC85, GHLW84, GLM$^+$96, GBF$^+$08, HL83, LS75b, Pri94, TS82, WLPL$^+$80, WZ78, DF15, HD73, HRS07, KL63].

Automatic [ABCR65, BBBD63, CFW82, Che72, Dah63, DMWW77, DMP59, FKGF12, GFS71, Hei76, HL77, Kar73, LW77, Luh58a, Maw70, Sar91a, Sar97, SBG$^+$13, SFH65, Tar63, Ure75, War63, CL86, ET69, Gus97, HRWZ87, KWB$^+$15, MC87, RSL$^+$70, Sed67, ST72, SKSP06].

automatically [CJ91]. Automation [APS86, Ano71, CGG$^+$64, CCG$^+$81, GLL80].
Gra69, MW82, SG71, SB86, Tay84, DeM91, GGKK96, Gra71, HNS+93, HHM70, HYA03. 

**Automorphisms** [Hal60]. **Autonomic** [MC09, Kis03]. **Autopass** [LW77].

**autoradiographic** [LPPT86]. **Availability** [GL87, HCTS81, KMH82, AAF+09, CAK+15, DP13, FCS+04, OKH+07, Pig88, VWE02].

**Avalanche** [BS69, KO66]. **avalanching** [Vin81].

**Average** [Her65, Don69, SS86]. **average-value** [Don69]. **averaging** [LO72].

**aware** [VTC09]. **awareness** [RVT+13].

**Axially** [Key61b]. **Axioms** [Mor73]. **Axis** [Kan78, MSW69]. **Axisymmetric** [BT78, BBT83].

**Axp** [Pat85]. **Az-Type** [PL79]. AZ1350J [DS77].

**azimuth** [CBV08].

B [Bos70a, YTF+11]. **B-Adjacent** [Bos70a]. B2C [HRZ14]. Ba

**Baker** [Ano14a, Ano15a, Wym57, Ano14b, Sie63].

**Background** [McN94]. **backlighting** [TMS98]. **Backscatter** [Far82].

**backscattering** [ZBL+72]. **backtracking** [SS86]. **backup** [Ste01]. **baking** [HHSW01]. balanced

**Balancing** [ZS03, CHG04]. Ball [CGLL93, C093, LCB93, Mah93, RBWH93, GLCW93].

**Ballistic** [HF90, Lud00, RMR94]. **Bamba** [WLKS98]. **Band** [Adl70, CFG64, CCE+88, HK64, Mcc64, Rem67, WB70, Haa70, LMP09, Nob95b, ZH89, ZVW+11].

**banded** [RSS91]. **Bandlimited** [Sta67].

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

**banking** [SMX+14]. **Barium** [Cam57, DH57]. **Barrier**

**BKMS0a, CP86, AAT1, GBW+09, J94, D07, M70a, W70].** **Barriers**

**But88a, CSE66, OSP+98].** **Base**

**DC73a, Eas75, GL76, GS74, Hal76, HKM+86, LS76a, LS76b, LN79, MM75a, McG81, Sow76, VM79, WW75, AT00, Ber76a, DBC77, FGP+85, Wie76].**

**Baseband** [KGF77]. **Based**

**AGLM85, Blu79a, Eas78, EP86, HL77, HS81b, Lom80, Pet76, RP66, Str83, ACM01, A1H+98, AKE+92, AEH+04, AHI+14, BEE+02, BHH03, BBG+14, BCC+01, CKG+99, CJ83, FRPG01, GP81, HRZ14, HP01, Ibe03, JS14, JZ91, KBP+12, KRK+12, KMB+08, KBA07, KBK+97, KAB+05, LSS14, MDH+12, MS05, MFB+07, Mey00b, MTB+90, MS07, NFT+08, NMV+09, Ngu99, Noh95b, OR92, PAS+08, PW72, RCP15, SNP06, SVNH13, SG94b, SJZ+15, SMX+14, Tih93, TMS+01, WZC+10, WP11, WNV+02, YGR14, YAJ90, Shi85].

**Basel** [RCH+86]. **Bases** [ADST78a, MR76a, ADST78b, FBHJ04].

**Basic** [FHVC78, BK61, GR90, PMLA88].

**basin** [EWBR09].

**battery** [Ste01].

**BBr** [LD74].

**bcc** [HBL62].

**BCS** [Ode64, Sw62]. be

**[Gri04, MS89, BBS78].**

**Beam** [BJS80, Bro88, DMWW77, Dav80, ELMR77, GOJN77, HWC88, Hor62, KP59, KP80, Lin67, Lun79, MW80a, MPP77, MP67, NM62, PS80, PW78, Bag94, BGK+82, DP68, Far98, FKO90, G188, GWR90, GHP+93, KBF+92, LR79, LCL+98, MTH71, MAG+01, PGN88, RKL88b, WPH69, WW71, G184].

**Beamforming** [Raa76]. **beamlines** [SRO93].

**Beams** [Le 62, WSL90, ZSZ96].

**Bearing** [Bau63, FL74, Lan63, Co70].

**Bearings** [SWD74, SM63, TT74, VG74, BCT89, BHH059, Dec90, Gro59, Mic559].

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

**Bed** [Sti79]. **Behavior** [Cha62, Col62, Eas78, Fer75, GR59, Goo62, LM85, Lev64, Mid65, SM63, WA79, ASR07, BSY+15, Bau72, BP74, BP88, BGL66, BEJ+14, CF97, CF72, FP73, Ito01, Mor89, SMVK90, Vie86, Vur70, WZC+10, YBF+14, You90].

**behavior-based** [WZC+10]. **behavioral** [OIM+13].

**Belief** [EP86]. **Below** [Sie70].
Belt [ELZ79]. benchmark
[C97, GGH+13, KGBB90]. Bending
[BP84, LC83]. benefits [BR99b, Nov02].
Bentonite [SH63]. BEOL [Gon+06].
Berlekamp [Gus76a, Gus76b]. Best
[Cve87b]. better [EG00, Jaa03, KL94].
Between [CLW97, KLC84, Lew83, Mic78,
AAM+07, BBT60, BCT89, Bro94, Bru78,
DP13, EC71, KSH+09, Les71, Lew75, Lew12,
Mei62, MKJ93, Nef90, Pes71]. Beyond
[Ano06b, HHH04, Pad81, RD12, Won02,
BFG+06, BLDM97, 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, Fji92]. biased
[Yas07]. BiCMOS
[DAC+03, FMP+03, HNS+03, Nin02].
Bicubic [DB76]. biflow [Ari69]. Big
[GRS13, Num09, BFRT13, Fre04, MCG+15,
OTC14, SMX+14, YMR14, CD1+14,
GGH+13, HAG+13, HCG+13, JSS13, Mal13,
RC15]. bivel [ATL+88]. Bimorph
[MPD86]. Bin [KM77]. Binary
[AMG+87, Gri90, HA58, LT70, Rut57, Snu57,
Wyn64, BL09, Dan82, Lin81, PMLA88].
Binary-Image-Manipulation [AMG+87].
Binary-Weighted [Snu57]. binodal
[TMB+99]. biological [ABM+01, Bir01,
HidTRO6, NMT14, SPS+06]. Biology
[BCM86, ACM01, BI06a, EB06, PMW06].
biometric [RC15]. biometric-based
[RC15]. biosystems [PSF06]. bipartite
[Rus04]. Bipolar [CW85, Dan81, FHL+82,
Gau77b, KC80, ML82, MM82, Phi78,
Pri58a, SGC+87, ZFE06, BEM+92, CCHJ81,
Fre96, GPL+92, TWF90]. Birrefringence
[SH63]. birthday [FvGM90]. bis [GA88].
bis-maleimide [GA88]. Bismuth
[FK60, HK64, Hec64, JJS64, Sch64, SBR64,
TH64, Vui64, WS64, YWWK64].
bismuthates [BCSE89]. Bistability [HJ88].
Bistable [BFT79, LF64, Mos61].
Bistable-Unstable [BFT79]. Bi-
Boundary-scan [BTP+90].
boundary-value [BS71b, CP72]. Bounded [Fra80a, Fra82, PH81]. Bounds [DHT73, FL75, LF77, Ris73, Don69, MM94].
branched [KSH+08]. branches [LT95].
Brightness-Voltage [ON00]. Brillouin [Spe69]. Bring
[CLP+13b, JKB+13, DFF+15, HBB+05]. bring-up [DFF+15, HBB+05].
Bring-Your-Own-Device [CLP+13b].
Bringing [YOU84]. Broadband
[BDHH+09, CRD10, CS03, JB07, LJ+07, PBBL07, RWW07, RG09, SHL07].
Brownian [RVS98]. Brute [DB01].
Bubble
ASV76, BL62, CERS76, CLW80, CC76a, Sch75, WY76, BK76, BBP72, BW81b, CGT73, Lin76. Bubbles [CH76, JHH+81, MW62, Okt71]. bucket [HCL72]. budget [KSB07]. budgeting [LB07]. budgets [PKK07]. Buffer
[CP77, FL78, SL76, Tu76, VLT+12]. bug [SKP06]. build [AKR04, BCK+05].
build-up [BCK+05]. Builder [HKM+86].
Building
[Jur78, KGH+06, NMH+07, BCC+01, FGC92, HSS+10, NMV+09, TMS+01]. building-block-based [TMS+01]. Built [FPS66, KS90, CVN+15, HMP90, RB90].
Built-in [FPS66, KS90, HMP90, RB90].
Bulk [Cha74, Pa69, Sta75, GC68].
bumping [GBB+05b]. buoyant [Fro71].
Burn [GFWH82, VM79]. Burst [CT65, Wyn64, Gor63]. burst-error [Gor63]. Bursts [MG63a, Meg60]. Bus
[GPE99, HS81a, SLC+97, RKW99].
bus-driven [SLC+97]. Business
[ADF12, Luh58b, Pulk07, RM10, SH57a, CKE+10, DDDKW12, Den80, KR12, FvGM90, HSS+10, MD12b, SKP+15, Vay12, WAB+09, ZBG+10]. BYOD
[JKB+13, CJK+13]. Byte [Pat86, DMR+81].

C [Ber76a, Wi76, CFF+91, FL89]. C4 [DWA+08]. Ca [BPL+89, Mat70]. cable [ADA+93]. cables [DAS+94]. Cache
[FGH80, VMH+83, BGAJ94, BM96, BBC+12b, CT06, DGL+97, FLMS06, MBJ+97, MWS09, MRR89, Mat89, MH101, SG94a, SSD+15, Thi88, TMB+99, VH81, WMB+15]. cache-miss [Thi88]. caching [SMC+14]. CAD [CS84]. Cadmium
[Mas62]. cage [HDW+07, SBC+12, WBB+04]. Calcium
[SS61]. Calculation [Bei74, Fro84, KRC68, LS78, Mar64b, Ove70, MM75b, RE71, Shi73].
Calculations
[Hut74, KO66, KM66, Phi78, RS85, SM63, Fre96, Led71, Rue72].
Calculus [Rot66a]. calibration [Vie86]. call [LPMDG14]. calls [Lom77].
[Goo58, Gri04]. cancellation [Nob95a].
Cancer [Pie87, OMA+96]. candidate [BKS+08, CCDF+12, MKW+12].
Canvileer [BP84, SST69]. Capabilities
[CBRS90, AAB+05]. capability [CCC+15]. FDS+13. capable [RHC73].
Capacitance [AO60, CB85, FT77, Mar64b, GAOD71, KM68, KGO9a]. capacities [Sho04]. Capacitor [DK67, FMP61, Has62, Has66, HOWP92, KBS+99]. Capacity
[ABG+09, MT77, LS14, Sho04]. CaPd
[CS79, HG83, LY83, SCH+09, GMP90, Grr99, KLE71]. Carbon-13 [LY83].
Carbon-Loaded \[HG83\]. Card
[FMP61, Has62, Has66, HPZ+05]. cardiac
[NNN+06]. Cards \[Has62, RBWH93\]. care
[EEM15, SSB+12]. 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 \[Keh65, KGF77, MDH81, Hof60, LB07, SKK14, SvNH13\]. Case-based
[MDH+12]. Cases \[Rob67\]. Casey \[DCB77\].
catalysts \[OHWR88\]. Catalytic \[DS65\].
Cathode \[HMR82, TH11\]. Cathodes
[CBCM79]. Cathodic \[AGLM85\]. Cation
[SK69]. Cauchy \[Ger73, Sug59\]. Causal
[EPP10]. Caused \[Boe69\]. caustic \[KJP11\].
CC \[KFB+97\]. CC-NUMA \[KFB+97\].
CCITT \[WZ78\]. ccNUMA \[BCC+01\].
CCS \[SS87a\]. Cd \[Tit63\]. CdCr
[FA70, Kus70, WB70]. CdIn
[WB70]. CDFM \[JMLW94\]. CdS
[Boe69, MSW69]. CECSIM \[vBBE+02\]. Cell
[BV78, Gar57, LS78, RWC80, TSH92, BBCK92, DMR+81, EB06, HRC80, JS72, KBK+97, Lee77b, BDDH+09, CRD07, JB07, KDH+05, LJ73, NHM+07, PBBL07, RW07, RG90, SHL07]. Cell/
B.E. \[NMH+07\]. Cells
[GMW80, LJ92, NBF+00]. CellSs
[PPP07]. Cellular \[HHMP90, Pic87, SG94b\].
Cement \[MS67\]. Center \[Pul07, BCG+09, CPD+09, KDG15, LPMG14, ML80, SSB+09, TFJ+96, WH94\]. centers
[BNSG09, BSRM09, HvvK1+09, NMV+09, SI09, VVA+09]. Central
[Cho75, Col59, SC75, PB+04, TBB+09].
Centrifu-Force \[Col59\]. centralized
[Yar12]. centric
[BCE+07, DF15, HLZ+09, Sha12, ZBG+10].
Century
[HCTS81, JS81, HBP+81, TMF+95].
Ceramic \[BB82, Gou89, MKW+05, YCB05\].
ceramic/copper \[TKK+92\]. ceramic/
copper/polymide \[KFSZ92\]. Ceramics
[BW83, Vie86]. CERN \[BO69\]. Certain
[MG63a]. certificate \[MBF+13\]. Chain
[AKK+67, Fla65, GLS67, Lye77, MR76a, SS65, DKK12, GCF07, SKK14].
Chain-Complete \[MR76a\]. Chains
[RK75, Sch67, SP14].
Chalcogenide \[Haa70\].
Chalcogenides \[Dim70, Kas70, Von70\].

Challenges
[MBD+02, SCI05, AG60, BCK+05, DFaDNS98, GNF06, Lai08, LPA+15, SLA+15, SFG+06, SPP07, WHK+09].
Chamber \[Cha73b, MN67a\]. Chang
[Sta75]. Change \[Sou64, DDDKW12, DSZ+12, KMB+08, RBB+08\]. Changes
[CC76a, Lw83]. Channel \[Cal81, Cio86, CDG83, God74, Mil83, RGL75, AAC+06, CDS73, CDS00, FGC92, Fra80b, Iv01, KT07, LKY80, SFG+06, Sh04, WYTO04].
Channels \[CR76, Fra79, Fra80a, Fra82, KGF77, KT73, MLT83, Sha58b, Fra89, GE02, Rus04, TLM83].
Chaotic \[Hen83\].
Character \[Dic60, WR83, YG81\].
Character-Recognition \[Dic60\].

Characteristics
[BKM80b,Cre58, GLS67, HH80, KMCY82, LS78, OP+78, Pea69, Roe66, TDM+87, UL70, WS75, WW71, BB09, Bru76, CDS73, CDS00, EWS+13, HRW69, ILH03, Kah71, KDG15, MMR89, PH81].
Characterization
[AT00, An05c, AGAP63, AEE77, Bar73, BBCV80, Esa62, GA88, GC81, MMM+05, OHWR88, OS99, SS78, SY73, Twa85, YDHS78, ATW06, TWA+08, ABM88, BSJ+13, CPTW98, DAA+93, DKS+95, GLG+99, Hof60, KBO6, LBT99, Luc99, WGC93].
Characters \[Cas70, CEYL78, GHHK07, Yha75, DDMS92, HM17\]. Charge
[CH74, DYHS78, Gra80, Kau81, LMD70, Mag73, MS60a, Sch62a, SS78, Sch96b, TY64, Fre96, HC69, HCL72, HRG80, Lee77b, Pat73, TGB+80, Var89, WYS92].

Charge-Coupled
[CH74, HCL72, TGB+80, WYS92].
Charge-metering [Sch96b].
Charge-Transfer [Gra80, Kau81, Var89].
Charged [Fre79].
Charging [FBW77, DG93, DXZS13].
charging-point [DXZS13].
Chargistor [Yu61].
Charybdis [HHH04].
sSST

charge-metering SST
CBB

DKS

Nai02, NCB03, OCB+90, OPT+05, SAT+08, SST+98, SP90, TMF+08, IRM13a, VWP90, VLT+12, WAB+05, WYF+03.
chip-stacking [SAT+08].
Chip-To-Chip [JH80].
Chip/Card [BMM84].
Chips

BFL66, Cle83, LHW81, SM80, BEM+92, CBB+04, CAC+95, KBK+97, LD72, Okt69, SWF+09, SHR+99, SNA02, VTMB+90.
chipset [KBG+99].
Chlorin [VM79].
Chlorine [Lev64].
Chloro [SL66].
Chloro-aluminum [SL66].
chlorobenzene [CH82, HMM82].
choices [SON+91].
Cholesky [GJ00].
cholesterol [MD12a].
cholesterol [VM71].
chopped [WSBL90].
Chromium [BBK86, KS66].
Chromium-Iron [KS66].

cromodynamics [VBC+08].
Cil [Ghe80].
circles [Ne90].
Circuit [Ame80, BDWZ83].
BDMV81, BGK+80, BFL66, BAH82.
BBH+67, BHWZ63, CW85, Dan81, Esa62, FT80, Gun66a, HHSR96, HS61, Kar74, Kcow80, LDL84, Man85, Rot74, Rue79, SST67.
Ser82, STCR84, SWC+97, Sta83.
Sta84a, Sta85b, Sta87, Str59, Wal57, Wal58, ADH+00a, ABM88, BJM+06, BBMP92.
BGL66, Cha88, CNC+95, DKH+92.
DTTK95, FN71, GA88, JZ91, Kar74, Kcow80, LDL84, Man85, Rot74, Rue79, SST67.
Ser82, STCR84, SWC+97, Sta83.
Sta84a, Sta85b, Sta87, Str59, Wal57, Wal58, ADH+00a, ABM88, BJM+06, BBMP92.
BGL66, Cha88, CNC+95, DKH+92.
DTTK95, FN71, GA88, JZ91, Kar74, OR92.
Pai72, Pau89, RFB+03, RBWH93, Rue72.
Sta89a, TW69, TKV00, WKP+02.
WBW+15, WBD+11, Whi93, ZFD+15.
circuitization [ABM88].
circuity [LFR05, VLP14].
Circuits

[AGAP63, AFR62, BSS82, BM63, BRR79, CP63, DW58, Eic65, GT80, GKK+80, GSC80, HJ80, KSL95, MWS80a, MT64, Sta84b, Vip82, AHV+99, BJM+06, BGO03, CBB890, CNS+99, CCW+02, CFP+07, DN97, DHH80, ESU+95, FMS+92, FKP90, FPM+03, HRC+08, Hei90, HPM90, Koc59, KBC+03, KSL95, Lin76, MPH90, Mos61, NHKI03, NGU99, PZK+03, Sch96b, SIT96, Sta89b, Sta89c, TLS+06, Vor71, Wie90, WSBL90].
Circular

[BB60, CS65a, Raa76, RBT97, SHC+08, SHC+10].
Circumferentially [BGT74].
Cities

[HPW11, HPM+11, OIM+13, WP11, HEH+10].
city [HS11, JWW+11, SHC+72].
Clarification [ACG+87, Swa57].
Class

[Ahu80, Chi60a, Dub83, Hsi70, LM80, Rov66, TBB+09, WHK+09, Wyn64, Yu61, Bil72,
BWB+82, BKs+08, FW08, Lei61, ST72, ST89, SBC+12, Sun15, VLT+12. **Classes**
[Cho75, MFT77, Gor63]. **classical** [Sbo04].
**classification**
[ACC+15, DBK82, GK64, NT72, SBD+10]. **classifier** [RLP14]. **clause** [vv86a]. **clauses** [dTGHC92]. **Clean** [IM57, Jon65].
**cleaning** [HBC99]. **Clearance** [Bau63]. **Cleaved** [FF86]. **Clebsch** [Rob67].
**climate** [DT08]. **Clinker** [MS67]. **Clock** [FS88, BH95, CD92, HAMC+04, MWW+07].
**Clocking** [HO75b, Okl03, Sea57]. **Clocks** [DSS+92].
**Closed** [Mar60a, MS67, RK75, BSSZ76, KRC68, Lan77a, Mat03, Moo72].
**Closed-Cycle** [Mar60a]. **closed-form** [KRC68]. **closed-loop** [BSSZ76].
**coefficient** [Rat68]. **Coefficients** [Be62, DG84, MR72]. **coercion** [MKW+12].
**Coercive** [BB60, Pes71]. **CoFe** [JWSP06]. **CoFe/MgO** [JWSP06].
**Coherence** [CGR88, KH88, DY89, NNMJ01]. **Coherency** [Fan64].
**Coherent** [But88a, Gef88, Loy79, RS69, SB62, SBJS15].
**coil** [BM68]. **Coincidence** [ZG65].
**collaborative** [WYF+03]. **Collapse** [How82, Goi69, Mil69, Mil00, NL69, Okt69].
**collapsing** [PV93]. **collection** [DSRC98, WC69].
**Collector** [Ken61b, MW79, Rut57, ZCK71]. **Collision** [HS81a].
**Collision-Free** [HS81a]. **Colloidal** [CHB85, MSG+01]. **Color**
[Ano59n, BJS80, Far83, FLCB85, Kan78, KFYU92, LMT84, San83b, LL98].
**Column** [CERS76, Hsi70]. **Combination** [WC69, BL15]. **Combinational** [Eic65].
**Combinatorial** [Kuh60, Luk75, Tuc60a, Vil82, Agr01, Bur72].
**Combinatory** [Bur72]. **Combined** [HP84a]. **Comment** [Aas70, Ber76a, DCB77, Lan96, Sta75, Tid62, Wie76].
**Comments** [Fre70, Rad62]. **Commerce** [DLN14, BDMN14, DGH+14, HRZ14, KKL+14, YGR14, YMR14]. **Commercial**
[BFH10, FAJ+94, BEKK00, HHR99, Irv91, KEL+00, JMLW94]. **commitment**
commitment-revision
commitment-supply
Common
common-mode
Communication
common-core
common-mode
Communication
Comparisons
compatible
Compatibles
Compensating
Complete
compilers
compiler-based
Computational
Computations
Computer
Computing
Computation
Computation
Computation
Compressing
Compressing
Compressing
Compression
Compressing
Computer
Computing
Computing
Computer
Computing
Computer
Computer
Computer
Computer
Computer
Computer
Computer
Tod78b, Tue68, WF87, Wes90, Wri83, AGZ94b, Ano70a, Ano71, AHJ+57, ABM+01, Bau72, BK61, BHH03, BS91, Buc62, DH69, EGH+86, FL69, GR92, GM69, HVK+90, Ho73, Irv93, KLR96, Led71, Mat98, Mol69, MS89, Nai02, NDM+04, Oka69, PW72, computer [QS67, RSS91, Rub90, Sta75, TFJ+96, Tho70, WC69, ZCM+96, GFS71].

Computer-Assisted [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].

Computing [AS74, HM87, MR14, Nus77, AHH+91, BBPS91, BB90, B306a, CB9+09, DP13, FGG+13, Fr71, IMC+10, JDBP10, KSA+04, LDJ+10, Lan61, Lan00a, MC09, NRD+09, PWW13, RAG11, Rit13, RBL+09, RLP14, SHV13, VLB+09].

Concentrating [Hov78].

Concentration [Col62, Bar86].

Concept [Gha75a, Joz04, KBF+04].

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

Concerning [Coo62, Kw62].

Concerned [LT70, MVI+07, AR87, CHMW07, Kum98, PVAK02].

Connected [MS87, SN87, FG+06, KMO+14].

Connection [DKR12, FGC92, GLOS92, How82, NISO98, VH81, CI89, ES92, Tag09].

Considerations [AKK+67, BS84b, CT82, Coo62, Cor84, GS82b, LST80, Pad83, RP78, RGL75, CGLL93, GH96, HBB99, JH99, KL70, LL93, MDG+06, Pat72, SK08, SY92, SV92, VMM+94, YS99, ZY72].

Considered [Pim76].

Consistency [Map62].

Consisting [Lan85].

constant- [MRG99].

Constant-Input-Flow [Tit61].

Constant-Temperature [GTM57a, GM57b].

Construct [Col59, CS65b].

Constraining [Bud67, MLT83, CPF+07, Fra89, Fra02, Jan69, LTM83].

Constraint [Coo84, NRA+07, Wol72].

Constraints [Coo90, LAM77b, RMM03, VLBK14].
Construct [Paz75]. constructing [ADG+92b]. Construction [CW86, Fra82, KMC+11]. constructs [BS06]. Consumer [SMSC14]. Contact [CEHL78, DG93, GRS87, IM57, JWL82, RWC80, TDM+87, BNSG09, Lin76]. Contactless [VCP80]. Contacts [Ove70, SGC+87, BS71a, BCT89, KSH+08]. Containing [BBK86, FPS66, Keh65, PF66, Bra68]. contaminant [Whi93]. contaminants [AKKJ72]. Content [IM60, MW62, MHI98, SJ70, AN98, MAD+98]. Contents [Ano57j, Ano57w, Ano57x, Ano57y, Ano57z, Ano58g, Ano58h, Ano58i, Ano58r, Ano58s, Ano58t, Ano58u, Ano59e, Ano60f, Ano60g, Ano60h, Ano61e, Ano62d, Ano63e, Ano66g, Ano66h, Ano66i, Ano67h, Ano67i, Ano67j, Ano67k, Ano67l, Ano67m, Ano12i, Ano12j, Ano12k, Ano13d, Ano14k, Ano13c, Ano14j, Ano14l, Ano14m, Ano15f, Ano15g, Ano15h]. Context [TLR85, EEM15, MC87, TWM+14]. context-sensitive [MC87]. Contiguous [JHH+81]. Continental [SKK14]. continuation [BS71b]. continued [Agu02]. continuing [Gre97]. Continuity [Tof88, WAB+09]. Continuous [Ano06b, AAC+06, BGS64, PR65, CDSW06, EGH+86, Gre59, MHW95, NBF+00]. continuum [ABM+01]. contour [GMNE63, Kep75]. contract [BBSW97]. Contrast [Dav79, Kov59, RDD+98, DP13, KJP11]. Contribution [Key61a, MR14]. Contributions [BS81, Sam81, Sor79, Sor00, Gar00]. Control [Ast67b, BS84a, Ben59, Bla59, Bla79, BT67, Bud67, CL64, CAE+76, CW77, Cle83, CI76, Dav77, DB76, FL87, Fre67, Gil84, GKH67, GMT57a, GMT57b, HBB+05, HKM+86, KST58, LHW81, Len58, Log70, LMD70, May85, MS67, RR83, Rob67, San83a, SH57a, SSL73, TL70, War63, Yas85, Yas87, ADS72, BEK+92, BSSZ76, BW72, BTW92, BM68, BM96, Cal70, CAC+95, CDD+10, CH82, Cov92, FS82, IMC+10, KL97, KL94, Lew78a, NNMJ01, Oka69, Pat89, RM09, SG94a, SBB+99, SCW10, Stu70, Tho70, WGS04]. Control-Word [Bla59]. Controlled [BDWZ83, Boe69, Hoe82, KKS+73, LW77, Mil69, Mil00, NW64, Dur70, Gol69, Gre60, HGF9, Nic92, NL69, Okt69]. Controller [ZST+07, CW91, Pig88, RSNG82]. Controllers [DB82, Kis03, SLC09, Sou96]. Controlling [Car77]. Controls [AN06b, AAC+06, BGS64, PR65, CDSW06, EGH+86, Gre59, HWW95, NBF+00]. conventional [ABM+01]. convergent [Bra72a]. converging [Jam89]. conversion [Elg11]. converstational [KSSC+13]. Conversion [LSH76, RP67, SCYK78, WALS5, RFB+03]. converter [HB73]. convertor [BW81b]. Convex [AW76, Dim78, Dom60, JP94]. Convolution [AC86, Coo82, Kri82]. convolutions [Nus76a, NQ78]. cool [ESA02]. Cooled [NNH91, OK82, BBMP92, BRB92, DGG+92, GGRW91, Haj91, KLM+91]. Cooling [CHS82, CAC+05, DGG+92, GZM92, GKP04, SN02, SAB+02, TBB+15]. cooperation [AUW+09]. Cooperative [JKB+13, KW62, Mor79]. coordinate [MN90]. coordinated [EEM15]. Coordinates [KKS+73, RSL+70]. Coordination [DSS+92]. cope [WN92]. Copenhagen [Mer04]. copier [BHRST2]. Copolymers [Sm17]. Copper [ADH70, AGM85, JC63, KJ84, AdH00b, AUD+98, DKA+05, GB93, JK93, RKL88a, RKL88b, SD71, VBDA05, YCB05]. Coprocessor [ECD+99, YS99, AV04, ABC+12]. Core [Bru78, FP57, RRSW61, WWLF67, AF99, Bus71, CNSS12, KMH+98, SLC09, SVE+15].
current-perpendicular [Sun06]. Currents [CGR88, CP86, DA77, Dui59, Lan88, MS60a, Lan57, Lan96, Lan00b]. Cursive [Tap82].

cycle-simulation [VMG99]. cycle-time [MDR+07]. cycles [MH101, Mat03]. Cyclic [LCH74, LM80, Mel60a, Ull65, Wyn64, BB94, Gla97, Gor63, Irv89, Irv01].
cyclic-redundancy [Ir89]. cycling [RHC73]. Cyclotron [DV64]. cylinder [Jan69]. Cyclinders [BBT83]. Cylindrical [BGT74, Ken61b, KG63, Zab79, LC83].
Czochralski [LL83, MPCR82]. Czochralski-grown [MPCR82].

D [DWA+08, EFR+05, EO8, KYY+08, RG09, SAT+08, Sch67, SJMBK08, ZVV+11].
D-Chains [Sch67]. Damage [HD69, Fon99]. damascene [VBDA05, AUD+98].
DAMOCELES [LFF90]. damper [LR79]. Dark [DA77]. DASD [KLRS96].
dashboards [YMR14]. Data [AC64, And65, ADST78a, AHN+03, BJS80, Ber76b, BL98, CAE+76, Cha75a, Cha03, CMW92, CDH64, Cro79, DS63, DG84, DC73a, DGB78, DSAU91, DMP59, Eas75, Eas86, EKMW64, FJ70, Far83, FLCB85, Far91, GLS74, GLP76, GS74, GHK67, God74, Gri69, Hal76, HLZ+99, HF78, Hop59, Hop61, HP84b, JS81, JMLW94, Kan78, Kob70, LS76a, Lew80, LS76b, Lon77, Lom80, LNT9, Low78, LSH76, McG81, MHI98, Mul74, Mur57, NDB16, Sow76, SW74, Tas57, Wal58, WW75, WY76, ARG00, AKRS04, ASR07, ADST78b, ATL+88, ABB+00b, BK74, BDMN14, BCG+09, Ber76a, BGL07, Bvf69, BFRT13, BK+69, BL15, BB94, BBC+08, Bro72, BSMR09, Car10, CGM+15, CP13, CDC96, CN71, CPD+09, CNSS12, Cor69, Cra98, DF15, DBK82, DCB77, EB06, EOH10, ESW+95, FGG+13, FHP01, GZE+05, GDS14].
data [GAB+08, Gra71, GRS13, Gus03, HxKI+09, HTH+09, HKD06, IMC+10, Irv93, KBB+12, Kan15, KCM13, KOP14, KB74, KBF+04, Kon69, KSSC+13, KGD15, KSA+04, Kri82, KACS95, MTF+95, MA96, MCN94, MCG+15, Mel60b, MAD+98, MI10, NMV+99, NMT14, OTC14, OOL+12, PK03, PR71, PMW06, Rei69, SG71, SCI05, SI09, SG94a, SBB+09, SNA02, SL+15, Sto91, SMX+14, TB00, TG91, TJHK03, VRA+09, Wie76, Ys07, YMR14, YR91, CDL+14, Cop94, GGH+13, HAG+13, HSC+13, JSS13, Mal13, RCP15].
data-based [SMX+14]. data-center [MI10].
data-centric [HLZ+99, DF15].
data-intensive [AHN+03].
data-management [FGG+13].
data-Recording [SW74]. Database [Eas78, FLW78, Fag77, LSDY91, TPF+91, vy86a]. DataStores [RCFN+08].
Davidenko [Bre72]. Davidenko-Branin [Bre72]. day [DSS+92].
Days [Gol87, Smo04]. DC [Hol75a, Sak79, WF83].
DC-Balanced [WF83].
DCS [Wei91].
DDR3 [VLT+12], deadline [CSW73],
Deadlock [Ahu79, Ahu80, ABF+10],
debonding [RKL88a], debt [Mar12],
Debugging [DFF+15], Decay [DB79, SG71],
Decimal [DDZ+07, Gri90, SKC09, WET+10],
Decision [KT73, Pet77, RS59a, AYA14, CDG+10, JWW+11, LB07, LPMDG14, MD12a, Mye72, PW72],
Decision-Feedback [KT73],
decision-maker [MD12a],
decision-making [PW72],
decision-support [JWW+11],
decisions [GMX14, ZBG+10],
decidable [NMTP14],
Decodable [LM80, LKY80],
Decoder [Pat86, Sav70, Smu57, Bla84a, Bla84b, Nob95b], decoders [LL99],
Decoding [Jel69, Mer88, Moo60, Ull65, Kob71],
Decomposing [BZ06a],
Decomposition [BRA84, DC73a, DCB77, PL79, HT69, KPB+12],
decompression [KMH+98],
decoupling [HOWP92],
deduction [AC92],
Deductive [Wat60b],
Deep [KSA+04, MMB12, SH69, AC92, Lin76],
Deep-Level [SH69], Deep-UV [Lin76],
DeepQA [GLK+12, KPB+12, KWP+12, WKF+12],
defaults [ChATG92, dTGH92],
Defect [DJ70, FF73, HB74, SARG80, Sta83, Sta85b, WA79, BMT+90, HS71, YCB05],
Defect-Related [SARG80],
defective [Hui90],
Defects [HBR85, HBR86, Sta84a],
Deficiencies [SK69], defined
[AAB+14, AAS+14, AHK+14, BBG+14, DOJ+14, EM65, FHL+14, KRK+14, KWF+14, LBC+14, MSV+14, SMC+14],
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, MTB+90],
delay-cost [FN95], delay-test [MTB+90],
Delayed [BSSZ76], delivered [HSS+10],
Delivering [ODL+09],
delivery [BNN+09, JQB+09, KJS09, LRV+09, Tag09, VAM+14, Yar12],
delocalized [HSH+88],
DELPHI [FRPG01],
delta [LKY80, HF91],
delta-decodable [LKY80],
Demagnetization [Kum65],
Demand [ABG+09, BT84, Fra84, LMT84, Elg11],
Demodulation [Hop59],
demonstrator [GP06a],
demultiplexer [AF99, RT99],
Dendritic [PCD78],
Dense [GSC80, AGZ94c, FKK+03, Gus97],
densities [ABB+08],
Density [BDWZ83, BKM80b, BCRW82, CDS+86, Erd88, Gra80, Hoo61, LHW81, Ove70, PH74, Pat85, Sch85, Sko58, Sta85b, CCJH81, Hoo00, MTF+95, Nai02, Ngu99, PSA+08, Pat73, PK88],
Department [Gal87, WH94, Oka69],
Dependability [ST89],
Dependence [Bru76, CH74, Dou62, Hun59, ODR70, Swe62, Tin62, Whi70, Sar91a, vHv+89],
dependencies [Fag77],
Dependent [Fra79, AKKJ72, Fro71, Mel60b, Nes98],
depletion [LT99],
deployment [CDG+10],
Depolarization [KH75],
deposit [Jan72],
Deposited [Ahn66, KEJ87, O’H78, PDLM67, SJ70, AF68, Gri99, OSP+98],
Deposition [Ham78, KS79, KWWJ84, Be90, CNC+95, CNS+99, Fon99, GMP90, JL90, Mey90, Mey00a, Ngu99, OHWR88, Ros99, SLRY72, YAJ90],
dept [CBV08, SS86],
dept-first [SS86],
Derivation [Mar64a, SS76],
Derivatives [Ins76],
Derived [ARV64, LS73],
descent [Lan66],
Describing [Her66, NB61a, NB61b, Can73],
Description [LST80, MO84, OHM+85],
Design [AKK+67, ABCR65, Abb66, Aic84, AAC+05, ABPS66, AF99, BM84, BBSW97, Be90, BHPS83, BFL66, BAH82, Bos97, Bro78]
Director [GLOS92, RKMY02, Ros03].
Directory [BCCK92]. Disaster [PWW13, AAF+09, BGS13, GBJ+08, RVT+13].
Disaster-recovery [BGS13]. Discharge [LS78, Pen79, RP78, SS78, BCCK92, SBG+71]. Discharges [KM70, KM00].

discontinuities [PM72]. Discontinuity [Che64]. discontinuous [MM75b].
discourages [PMSC14]. discoveries [PMS+08]. Discovery [MDMN10, BCM+12a, MDJV08, SNP06, STW+08].
Discounts [SMSC14]. discount [SMSC14]. discover [PMS+08]. Discovery [MDMN10, BCM+12a, MDJV08, SNP06, STW+08].
Discrete [Fra82, Lik88, MT77, BKG62, Gre59, NQ78].
 Discrimination [Bla88, FXL01]. Diseases [FE75].
Disjunctive [[Ga57, Rai69]. Disk [Ada80, BT78, BFT79, BBT85, CM74, Coo90, DB82, Hea76, Hoa61, How84, JHH+81, Len74, MR79, Mul74, MT81, ND57, Ows74, SW74, Adl87, AFF96, BCT89, BE03, Dec90, FMPS93, HDBR08, HBP+81, Hoo00, HHA93, HS04, Jon72, HN94, ND00, Ono93, Pat89, Sch09a, SPR+95]. Diskette [DB82, Eng81].
Dislocation [BA62, IM60, JD66]. Dislocation-Induced [JD66].
Dislocations [DH61, MB75, MKP73, FMS+92]. disorder [Haa70, HHH+89]. Disordered [Pen88, Was88].
Disorders [Ina77].
disparate [BL15, SSY12]. dispatch [ET69].
Dispatching [And73]. Dispersion [KHB66, YWWK64, PL73, SH72, WL73].
Dispersive [Haa79]. Displacement [Che64, Sko58]. displacements [CM72].
Display [AS78, DSW63, Far83, FLCB85, GBS+87, Lan74, LS78, MLGD84, MG92, OPR+78, San83b, AN98, ARM+98, CAVW+98, DSR79, How92, LCL+98, NSO99].
Displaying [BBPS91]. Displays [BIJS80, DC82, SW98, SS78, APO92, AIH+98, KFYU92, LL98, RDD+98, SST+98, TSH92, TCC98, WR00, WWA+98].
disposal [Fre72]. dispositioning [BKP82]. Dissimilar [BBT60]. Dissipation [KL70a, Las61]. dissipationless [BZ60b].
Dissolution [Ito01, TO77, Dst93].
Distance [DPR86, Mar61, Pat70, Mac60, Nef90].
distances [HW72]. Distillation [BI70, BI72]. Distortion [ELMR77, Fai70, SFH65]. Distributed [CMW92, MW82, ABE+02, AGZ94b, CN94, DP13, HG14, KCML13, MDJV08, MN97, VRA+09]. distributed-memory [AGZ94b].
Distribution [CL74, Don81, KO65a, NB61a, NB61b, Ree69, Sak79, Duk90, Hos94, HS71, Jon72, MWW+07, Pae72]. Distributions [FL59, Sta85b, Sta86, STW79, AKK72, BTWY92, KMK68, KO69a, Sta73].
Disturbances [Sat63]. Divalent [SS61]. diverging [PH81].
diversified [Kuh88]. diversity [BM96]. Divider [KP59].
Division [CM70, HP84b, Meg62, Thr65, Age04, Age05, Age08, Che06, Che89, ND+09, Ros03].
Divisors [Er65]. DNA [Cle81, Pic87]. do [Ru04].
Document [Cha78, CMP87, Cla79, KCML13, Mar98, YAH+96, ZY72, WCW82].
Documenting [Wri83]. documents [FKGF12].
DOD [SBT87]. Domain [BB60, Cam57, DKAC67, Fre79, GS70, Gor65, Gun66a, Gun66b, Gun69, Htt74, MMT60, Mid65, Mid66, PW67, Sch75, Slo66, Spe69, Aas70, BK76, CCG73, JC00, Pes71, Wro96, van99]. Domain-Wall [Slo66].
Domains [MS87, MSW69, SN75]. Donor [Kau81]. Donors [FPS66, PF66]. Dopants [AS78].
Doped [BA62, CL74, SH90, WB70, ABK89, SKEG+98, YTF+11]. Doping [ADH70, Sou64, AdH00b]. dot [ZH89].
Double [MM75a, Me00a, Mid65, SB64, WS75, LKFU05].
Double-Boron-Implanted [WS75].
Doublers [RP66]. Doubling [Mar59].
down [Man90, Now02]. DRAM [ADG+95, BDN+02, Del08, EBD+05, FKOP90, FCE+15, IBP+05, IFB+11, KBS+99, MDB+02, SHDK95].
drawer
Drift [vS57]. Drilling [Wre83]. Drive [CD8+86, Hel79, Kum65, Pry65, AFF96, BE03, Eng81, FMP93, Led71, Ono93, SPR+95]. Driven [Hor62, Lin84, Mou86, Pre66, BW72, BGW91, MDJ98, SLC+97, TSH92, TWM+14].

Driver [ADH+00a, DTTK95, MVI+07, NSNO98]. Drives [BBT85, ILH03, Sch96a]. Driving [GZM92]. Due [ASV76, Lan88, BS71a, Lan57, Lan96, Lan00b]. During [CW77, Dav77, Gil79, KWW94, MJ70, PR65, Zab77, BCT89, DR93, GK62, SM63, TZZ+11].

driving [BBS+03]. Earth [WA79, BB76, KWM76].

Earthquake [NCM+01].

easy [MBF+13, PBBL07].

echo [CN71].

Echoes [Hor57].

EC [VRA+09].

EEG [FvGM90].

Economic [ACP+94].

Economic system [DRK+12].

Educational [VRA+09].

Effective [CDG+10, DYK10, KOB59, SBR64, GMX14, Gup97, HBC+99, KBA07].

Effectiveness [Jam89].

Effects [AOR62, BB60, BFF+05, BLB+63, Cle81, Col62, CC76a, Cre58, CGH77, DS77, FK60, Gae79, GM62, GS70, KSW74, LDB63, LSH64, MG68, MNP+69, Mei62, Mid70b, Par80, PL73, PFS+70, RK66, Rec59, SM62, Sta85b, Swa57, TH64, Vui64, YS64, ALH95, GC68, Gou89, GSAB93, GDR70, LBT99, LON00, MRH89, MNS69, MMJ69, NBF+00, RBK+08, SMN69, TMF+08].

Efficiencies [Jam89].

Efficiency [Ano05c, DSRC98, DMN+59, Mar59, RP66,
Efficient [AAB’14, GRS13, HL72, Jur78, KR87, Luk74, SFH65, SS87b, Tom67, BTP’90, vBEE’02, GMX14, JWS’06, MC87, NDM’04, NCB’03].

Effluents [Shi’72].

Effort [DBC’06].

eFUSE [RFC’07].

E-Health [AAJ’14].

Eigenfunctions [HM’89].

Eigenproblem [Dub’72].

eigenvalues [CW58, FW67, HL72, Jur78, KR87, Luk74, SFH65, SS87b, Tom67, BTP’90, vBBE’02, GMX14, JWSP’06, MC87, NDM’04, NCB’03].

Elastic [AW62, BP88, Che64, CS65a, CF72, Key61a, Kue60, LAH95, BEMP92, Bra68, CNC’08, DAS’92, DAS’93, GLM’92, Hei90, MKW’05, Mat70].

electrical-conductivity [CNC’08].

Electrically [BMW’83].

Electro [Azb’88, BGK’82, Bro88, CSE’66, CW’78, Col62, DO74, DMWW’77, Dav80, DEG’01, ELMR’77, GOJN’77, GWR’90, GHP’93, HG’83, JWS’88, Hor62, Jon65, Jon70, Kra81, Kue60, KM’74, KP’80, Lin67, MTH’71, MW’80a, MJ’69, MPS’77, MNP’69, MP’67, NM’62, Par80, PS’80, Ree69, RS’69, SSN’62, SG’64, WPH’69, YDH’78, All00, ALH95, CHL’93, DGM’93, FKOP’90, FA’70, HF’90, KBF’92, Lud’00, MAG’91, MHK’11, PGN’88, Ros’00, SKB’91, Tra00a, TTJ’98, VWJ’11, WSL’90].

Electro-Beam [Bro88, DMWW77, Dav80, ELMR’77, HWC’88, Hor62, KP’59, KP’80, MW’80a, MPS’77, PS’80, BGK’82, GWR’90, FKOP’90, MAG’91, PGN’88].

Electro-Hole [RS’69].

Electron-Transparent [DO’74].

electron yield [CHL’11].

Electronegativity [Mic’78].

Electronics [Hon70, Lik88, Pri59, Pri65, Pri70].

Electrophotographic [BS’84a, Bau84, Bro78, CEY’84, EHMW’81, SSL’73, VW’78, SBG’71, Sta’97].

Electrophotography [LAG’84, TB’82, Tu’75, Sch’71].

Electroplated [Ros’78, Sni’60, AR’98, CB’05].

Electroplating [AUD’98, HHA’93, Hor’98].

Electropositive [KJSG’88].

Electrostatic [AEE’77, FBW’77, Fit57, Sch’62a, Twa77, KWN’01].

Element [BRR’79, BCGS’81, DW’58, GLS’67, SSW’65, Zab79, AEH’04, BSHM’01, BCGS’00, Cor93, JL’90, KL’97, KN’91b, VWE’02, You’90].

**EnergyScale** [MBF+07], engagement [HRS+07], engagements [BEJ+14, RWB+10]. Engendered [PH81]. Engine [BBHS84, CRD+07, BCK13, EK08, Mar98, BDH+09, JB07, LJ+10, PBB+07, RWW+07, RG+09, SHL07]. engineer [ET69].

**Engineering** [KS90, LKL+81, Mul+74, VAB+13, ABR+71, CCFSZ12, KLR+96, SN+06]. engineers [GR92]. English [Bla88]. Enhanced [Chu82, OH+07, PS80, Sar91b, vAR+82, vS89]. Enhancement [EL83, FT+80, WS75, LV+04, LMW+01, Sta97].

**Enhancement-Mode** [WS75]. Enhancements [GSC+80, ADH+07]. enhancing [JDP+10, SMP+04]. entanglement [Ter04]. **Enterprise** [ABC+99b, ADG+92a, ABD+92, BBGE+14, BEM+92, BBMP+92, BRB+92, CTS+92, CDM+92, Cov92, CW+91, DHH+92, DSH+99, DGG+92, DGL+97, ECD+99, ES+92, FG+92, GGR+91, GLO+92, GZM+92, Haj91, HOW+92, IMS+10, KRT+12, Lip+92b, RGP+97, RH+99, San+12, Sar91b, SSW+91, SS+97, SCC+97, SW+97, SV+91, SG+99, TBB+09, TSC+91, UDP+12, WMM+97, WHK+09, AAB+10, AYA+14, BGL+99, Car+10, CJK+13, DSZ+12, FM+10, FGG+13, JSS+13, SLC+09, SMC+14, SBC+12, vKCD+10, CDLS+92, NH+01, SY+92].

**enterprise-class** [SBC+12], entire [OIM+13]. **Entity** [CA84, ZBG+10]. **Entity-centric** [ZBG+10].

**Entity-Relationship** [CA84]. Entrance [Fis88]. Entropy [Bar80]. Enumeration [Rio60, Mic72]. Enveloping [Mir72].
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, KGW08, Meg60, Mel60b, ORT*96, RBK*08, Tan96]. ES/9000 [Att92]. Esaki [PR59b, Rut59].
ESCHER [SKB+11].
ESCON
[FGC92, CDLS92, ES92, GLOS92]. eServer
[ABE*02, AFM*02, BEK*02, BHI*02, vBBE*02, CBB*04, CCW*02, FCS*04, GWS*04, GMK04, GE02, HPW*02, HBL*02, KKS02, KKM02, PBC*04, PVAK02, SCS*02, SGK04, SNA02, SAB*02, SPM04, SvbC*04, SBC*02, VWE02, AV04].
ESPER [Ono93].
ESPER-2 [Ono93].
essential [KKT09, KKS02].
ET [DB01].
esters [VB71].
Estimate [Gan72].
estimates [Hei80].
Estimating
[WFY*03, AP69, Mat03, Sit87] Estimation
[Bar80, Lin67, Mil83, Wel61, DB01, GYK99, PM88]. estimations
[St89a].
estimators [St73].
estuary [KCH*09].
ETA [HD73].
Ethylene
[Blu79a, Dem78].
EUROC [CDS92].
Evaporable
[OPR78, VDO14, VMS97].
Evaporators
[Cas60].
Event
[BRR79, Dod63, OPR78, VDO14, VMS97].
Ethernet
[HTH99].
Ethane
[Win78].
Ethanol
[Bu79a, Dem78].
Ethanol-19
[OBB97, VME02, AV04].
Evaporable
[OPR78].
Evaporable-Gas-Dielectric
[OPR78].
Evaporated
[BG60, PW78, PBF60].
evaporation
[TZ*11].
Evaporators
[Cas60].

Environment
[Bar73, Dub72, Fla81, MW82, Wie88, AHF*91, ATW97, AOP78, BC00, BOS*95, CDWS06, CN94, DM03, DOJ*14, GHL*04, GBB*05a, KN91a, MAA*05, MME*97, ODL*09, Okl03, PZGL91, Rue72, VMG99, WNB91].
environmental
[KCH*09, KDG15, ODL*09, OB09, SCW10].
environments [AAB*14, AAS*14, BBG*14, Elg11, FHL*14, KRD*14, LBC*14, RCF*08, VDO14, VMS*14].
Epitaxial
[GI60, MAR60a, WK56, GSG*90, GBM90, SLYR72, SG78].
Epitaxially
[IM60].
Epitaxy
[GI60, Elg11, FHL*14, KRD*14, LBC*14, RCF*08, VDO14, VMS*14].
Equivalent
[Kah71, STR59, AL01, BDS*70].
equivalences
[Don74, Dur70].
equivalents
[AO97].
equivalen
[BRR79, Dod63, KAH71, Str59, A001, BDS*97].
era
[JDBP10, Sh02].
ergodic
[MN03].
ERRMIS
[VSS*09].
Errata
[An066k, An066j, An066l, An065c, An066b].
Erratum
[An066l, An061b, An066c, An068b, Lan84a].
Error
[BM63, Bia79, Bos70a, BHS2, B70, CR76, CH84, GI60, KTS85, LT70, Meg60, Mel60a, MG63a, Mon86, OCT68, Pat80, SS59a, TL70, AC84, BSK*08, Bos70b, BH80, Dan66, Gor63, KBF*04, Mac60, MS96, Pat89, SKK*08, SRI96, ZMM*96].
Errors
[Dah63, How84, PL81, Pat86, SH57b, SH57c, Wyn64, ZS96, DWW90, Del08, HDBR08, KGW08, Meg60, Mel60b, ORT*96, RBK*08, Tan96]. ES/9000 [Att92]. Esaki [PR59b, Rut59].
Evaporable
[OPR78, VDO14, VMS97].
Evaporable-Gas-Dielectric
[OPR78].
Evaporated
[BG60, PW78, PBF60].
evaporation
[TZ*11].
Evaporators
[Cas60].

Epitaxial
[GI60, MAR60a, WK56, GSG*90, GBM90, SLYR72, SG78].
Epitaxially
[IM60].
Epitaxy
[GI60, Elg11, FHL*14, KRD*14, LBC*14, RCF*08, VDO14, VMS*14].
Equivalent
[Kah71, STR59, AL01, BDS*70].
equivalences
[Don74, Dur70].
equivalents
[AO97].
equivalen
[BRR79, Dod63, KAH71, Str59, A001, BDS*97].
era
[JDBP10, Sh02].
ergodic
[MN03].
ERRMIS
[VSS*09].
Errata
[An066k, An066j, An066l, An065c, An066b].
Erratum
[An066l, An061b, An066c, An068b, Lan84a].
Error
[BM63, Bia79, Bos70a, BHS2, B70, CR76, CH84, GI60, KTS85, LT70, Meg60, Mel60a, MG63a, Mon86, OCT68, Pat80, SS59a, TL70, AC84, BSK*08, Bos70b, BH80, Dan66, Gor63, KBF*04, Mac60, MS96, Pat89, SKK*08, SRI96, ZMM*96].
Errors
[Dah63, How84, PL81, Pat86, SH57b, SH57c, Wyn64, ZS96, DWW90, Del08, HDBR08, KGW08, Meg60, Mel60b, ORT*96, RBK*08, Tan96]. ES/9000 [Att92]. Esaki [PR59b, Rut59].
Evaporable
[OPR78, VDO14, VMS97].
Evaporable-Gas-Dielectric
[OPR78].
Evaporated
[BG60, PW78, PBF60].
evaporation
[TZ*11].
Evaporators
[Cas60].
Events [LS76, BPC+13]. Everest [NNMJ01]. Evidence [MF+12, SNV13]. Evidence-based [SVNH13]. Evoked [UC62]. Evolution [CM90, DFaDNS98, GAB+08, HLS81, IK00, Jam81, JS81, KJW84, SF81, SCM+82, TJKH03, ADG+95, ALS81, BCK+05, C503, CM90, CM90, Gre97, Nai02, OD03, RGPP95, Ste81]. Exact [McI72, Tak87]. Examine [Sch67]. Example [Sch67]. Examples [OH74, IBM13c]. Exascale [NAB+15]. Exception [GLS74]. Exceptional [Ho60]. Exceptions [LS73]. Exchange [AAJ14, HP84b, KJ07, KJW62, Far98, Jon98, Whi72]. Excimer [JWL82]. Excitation [LM85, Pre66, SL67, Les71]. Excited [GCPVG85, Mor79, ARM+01, HDK+11]. Exclusion [BCH84]. Exclusive [FTY83]. Exclusive-OR [FTY83]. Exclusively OR. Execution [CJ91, FH84, Tap79, WFL87, AE87, GSS90, HHH96, MHR90, OWG+13, SSW91, SZ91]. Exemplified [Pig88]. Exhaustive [TC84]. Existence [B172, LR80, Ode64]. Exist [Fis84, Mas87]. Expanded [FXL01]. Expanding [BL62]. Expansion [AFP+01, SAPTO1, TFR+01, BAB+13, HSL+95, Jan69, Lew73]. Experience [BCC+01, Ris84, JS14]. Experiences [ABB+13]. Experiment [BTW62, Bax58, Bla88, Dam66, DLK84, SBT87, ADG+92b, Nie92]. Experimental [BBT79, BFT79, BT84, BBT85, C873, CL87, CD95, CK63, D86, FGM+83, Hop59, Hor62, Mar71, Men62, Ris84, RS59b, SHK+90, SLH67, TS88, WRLA57, ZCK71, KFB9, Kel73, LD72, Rei69, Smt04, ACF+80, BHH05]. Experimenting [EO13]. Experiments [ALL77, B59, Hat72, KT66, LR65b, ST75, Sch81, Gra71, JN82, Kel89, SGT71, ZCM+96]. Expert [DLW86, ADG+92b, EGH+86]. Explaining [CHdTG92]. Explanations [Gli69]. Explicit [VRL10]. Exploitation [BIK+05, SSMG10, CBB+05, MMS05, Sur15]. Exploiting [AGZ94a, FNY+10, LDSY91, Tom67, Wee79]. Exploration [Kan15]. Exploratory [GLP76, PBC+06]. Exploring [EHPS05]. Exponential [Moo72]. Exponentials [Che72]. Exposed [LG88]. Exposure [Ahu80, BT76, ELMR77, HHSW01]. Express [BEE+02, GCS+12]. Expressions [BDH83, Hal76]. Extended [CDG83, Gum83, Ort84, Pad83, LT95, SMS80]. Extending [MG63a, HMK01]. Extension [Koc59, LL07, Lam77a, Pri66, TS69]. Extensions [CPT+08, Cra98, Wai05]. Extraction [WR83, DF15, EKJ90, FKG12, TWM+14, WKF+12]. Extrapolation [Gaz78]. Extrem [BEE+13]. Extremely [RRV88, FJP71]. Extrinsic [Was88]. Eye [RHM63, MG68].

Five first-principles \cite{Koz81a, Swa57, Koz81b}. Filters \cite{BKP82}. Financial \cite{ABD+14, HS14, Car10, KOP14, LSS14, RAR+14}. Finding \cite{CCF+12, HW72, Jam89, MN90, Ne90, Bra72}. Fine \cite{BBK+08, KZP03, HRS+95, KAB+05, SLC09}. Fine-grain \cite{KZP03}. Fine-grained \cite{BBK+08, SLC09}. fine-pitch \cite{KAB+05}. Fingertips \cite{Goo58}. Finite \cite{AG72, BF63, BCGS81, BCGS00, Cor93, Hoh78, RS9a, Ros66, You90, BSHM01, EM65, GA68, HMOS81, HMO81, JLR90, KN91b, Lan66, MHI01, Mic59}. Finite-Element \cite{BCGS81, BCGS00}. fire \cite{PKKK07}. Firm \cite{And10}. Firmware \cite{KWH+12, AHN+07, ABB+15, GHL+04, KKB+09b, SMP+04, SvBC+04, TAE+07, TCK+15}. First \cite{HPW+02, Koz81a, SM62, Swa57, WBH+04, CRDI07, DL02, FCE+15, GP06a, Gyg08, KBF+04, Koz81b, SS86, ACM01}. First-Order \cite{HPW+02, SM62, WBH+04}. First-principles \cite{Gyg08}. first-time \cite{DL02}. Fitting \cite{Nor58}. Five \cite{Ano61c, Fre84}. fixed \cite{SG94a, TLM83, ZTC+13}. fixed-point \cite{SG94a}. Flash \cite{Bau84, CAC+13, Lap08, Nii95}. FLASH3 \cite{FKL+08}. Flashlamp \cite{SL67, HA71}. flashlamp-pumped \cite{HA71}. Flat \cite{Kum65, BE03}. flaws \cite{Mar12}. Fleshing \cite{MW08b, WM81}. flexibility \cite{BBSW97, EBD+95, KWN01}. Flexible \cite{Ada80, ALL77, BT78, BFT79, BKKU88, BBKW86, CTT66, GHK67, Hais85, PVDF95, Pol78, PVAK02, TH93, WSB60, WIT85, DDA+93, KDG15}. Flexible-Disk \cite{Ada80}. flip \cite{Hei90}. flip-chip-mounted \cite{Hei90}. Floating \cite{ABC+99b, AEGP67, BD06, CII90, SW90, CBB+05, DTH92, DDZ+07, GWS+04, HFH94, HM90, JO96, MHR90, SSM97, SK99, SCK09}. Floating-Point \cite{ABC+99b, BD96, SW90, AEGP67, CBB+05, DTH92, DDZ+07, GWS+04, HFH94, HM90, MHR90, SSM97, SK99, SCK09}. Flood \cite{Tod78b}. flooding \cite{TPC+13}. Flow \cite{CTT66, DH61, KWW88, LL83, Lev77, Tll61, WIt85, IMC+10, LPPT86, Lom77, PH81, VJA07}. Flowcharts \cite{SBH82}. Flowgraphs \cite{BBCV80}. flows \cite{BS91}. Fluctuations \cite{Was88}. Fluid \cite{FS93, Lev77, TC63, Bru76, HBW70, Okt71, PZH91}. Fluorescence \cite{Lun79, MV82}. Fluoride \cite{S61}. Fluorocarbon \cite{CK79}. Flux \cite{Cro57, GMW80, Spr61, Pai72}. Fly \cite{Pat86}. Fly's \cite{RHM63}. Fly's-Eye \cite{RHM63}. focus \cite{GCS+12}. focused \cite{BNSG09}. focusing \cite{Shi73}. Foil \cite{Bau63, Lan63, SMD74, VG74}. Foils \cite{BP75, JD67}. Fokker \cite{HJ88}. Font \cite{ZL87}. fonts \cite{CW82}. Force \cite{BB60, Col59, Mat59, Rat68, BCC+12, DB01, LFC95, PH81, Pes71, Sto91}. Force-frequency \cite{Rat68}. Forced \cite{Poh79}. Forces \cite{CC76a, BKB76}. forecast \cite{GSAB93}. forecasting \cite{AYA14, TYS+14, TW8+14, TPC+13}. forest \cite{BJW72}. Foreword \cite{And65, Ano67u, Cam00, GM60, Mar62, Pri64, Pug60, Sam64, Tuc60a}. Form \cite{Fre79, Kuh88, Gre59, KRC68}. Formal \cite{Luc81, SBF+97, GRB90, KSL95}. Formaldehyde \cite{BRA84}. Formalism \cite{BKU88}. formalization \cite{Dan57a}. format \cite{Jaq03}. Formation \cite{FPS66, Har65, Kuc90, Lec74, Pan78, Pin76, PL77, SBT87, Spe69, Tu90}. Formatting \cite{Cha87}. formed \cite{SF93}. Forming \cite{Par66}. Forms \cite{Ga57, GLM+96}. forms-processing \cite{GLM+96}. Formula \cite{Mei83, SS88}. Formulae \cite{Jam89, MR72}.
formulas [AG72]. formulation [Lat73].
FORTRAN
[Sar97, SK80, SSW91, SZ91, SK86].
Forward [Ahn80, SL76]. Foundation
[DAE+03]. Foundations [HEH+10]. Four
[Ano58g, Ano58h, Ano58e, Ano60f, Ano60g, GPL’92, Hos’94]. four-level [GPL’92].
four-parameter [Hos’94]. Fourier
[AC86, AS87, DG84, Gaz78, GS70, Gre60, Har71, Kri82, NQ78, Zue65].
Fourier-Domain [GS70]. Fowler [Dan66].
FP [HHH86]. FPGA [CJH+15]. FPU
[LKFU05, Wai05]. Fractal [VMH’83, AO97, AO01, MM91, ODA03, TH88]. Fracture
[Klo87, Tho94]. Fragmentation [FC79].
frame [NCM’01]. framers [Cla03]. Frames
[Alf89, MW80b]. Framework
[HSS’10, ACC’15, BHK’02, DXZS13, EFR’05, FKL’08, FM10, GZE’05, GLK’12, KK3’09a, KKL’14, KJS09, MBF’13, MMWL’99, Mas’97, RAR’14, RD12, SMX’14]. Free [CH74, Co62, DB79, Gun66b, HSS81a, Mat62b, Pri58c, VM79, KLS’05, SAT’08, vK62]. Free-Base
[VMM79]. Free-Charge [CH74].
Free-Induction [DB79]. Freed [Lom75].
Freedom [Hau67]. freestanding [DN97].
freight [RC09]. Frequencies [Ins77].
Frequency [Ber64, FP69, JC00, KP59, Moh70, Rem67, RP66, Thr65, ZZ69, CCW’02, CFP’07, HAMC’04, PZK’03, Rat68, RH90, WL97, ZTC’13].
Frequency-Division [Thr65].
frequency-programmable [HAMC’04].
Fresnel [Arm65]. Friction [BP75, Mat95].
Friedrichs [Lax67]. Fringe [Abb66, PW68].
Front [Ano11, Ano12, Ano2g, Ano12h, Ano13b, Ano14e, Ano14f, Ano14g, Ano14h, Ano14i, Ano15b, Ano15c, Ano15d, Ano15e].
Front-cover [Ano13b]. Fronts [BS69].
frustration [ABK89]. fs [HDK’11].
fs-laser [HDK’11]. Full
[DWGC85, HA58, Rut57, PBC’06].
full-system [PBC’06]. Full-Travel
[DWGC85]. Fully
[MWW’07, HDK+11, MBJ’97]. Function
[(Ga57, Lin84, Mic78, Mir69, NB61a, NB61b, Rad62, Ree69, BZ06a, CCC’15, FXL01, Kam98, KJP11, MVI’07, Shn94, Str68].
Functional
[BGW’04, Fag77, GBRJ05, HAMC’04, JPTW92, KGB’09, LRH’02, Mat89, SRL’11, VLP’05, WMH’97, AGZ94a, GMS05, KAB’12, MMR89, SWF’09].
funtionality [SNA02]. Functions
[ACG’86, BTT79, Bra87, Cle65b, DC73a, EP86, Hor76, Hud63, Rem67, Ris84, Sta67, Ull65, AC5’87, Cor69, DH69, DAB77, DH03, EFG’05, Fil70, FTY83, FFJSS99, GM73, JC00, MN70, Mar90, May60, MM75b].
Fundamental
[Ano62e, Le062, Mar62, Ver88].
Fundamentals [ZFE06, Mey90, Mey00a].
Further [Fla91, FC63]. fused [AEG’02].
Fusible [FT80]. Fusing [Ban84, Bro78].
fusion [ETWO08]. Future
[AR98, Fra79, GA84, BIK’05, Isa00, JMM’96, KBS’99, Law02, MDB’02, NHKI03, The00, TBD00, VDD’00].
Future-Dependent [Fra79]. fuzzy [BC00].
G [CS03]. G3 [Mau97, RGP’97]. G4
[Mau97, RGP’97, SM97, SCC’97, SWC’97, WMH’97]. G5
[MKP73, LMP69, TZZ’11]. GaAl
[Cro79, LSH79]. GaAlAs [DC82]. GaAs
[BV78, BGS64, BLB’63, Gun66a, Gun66b, HVK’90, HD69, HFDN63, IBC64, JVP’90, Jon65, LDD63, Lu78, LSH79, MB75, Mar60b, Mar64c, Mar71, MWN63, PR65, PRY65, Rec69, SS69, SA66, Spe69, SL63, TZZ’11, Ti63, We65, WW71]. GaAs/
[LSH79]. GaAs/AI GaAs [HV’90].
Gadolinium [SK69, SOC59, MKP73].
Gadolinium-Iron [SOC59]. Gafac [Sch84].
Gaining [CFH+09]. Galapagos [MDJV08].
gallate [GSF+90]. Gallium
[And60, vM66, MKP73]. Galvanomagnetic
[TH64, Vui64]. Game [Sam59, Sam67,
Tuc60b, Lew12, PW72, Sam00, TGL+12].
gamma [Sta73].
Gas [Dav77, Mee67, SK69, SOC59, MKP73].
[AS78, BL62, BdM+].
Gasifier [Sti79].
Gases [Cas60]. Gasifier [Sti79]. Gate
[Dan81, GS80, OG80, ABC+99a, AIH+98,
BBH82, Buc99b, CKG+99, CAC+95, CDS73,
CDS00, EB99, FCE+15, HD73, HBC+99,
HBB99, JVP+90, KM73, KSK98, Luc99,
OS99, OKH+02, SHWK+90, Sta02,
WNV+02]. gate-delay [KS98]. gate-first
[FCE+15]. gates [GNF06], gathering
[MFL+12]. Gazalé [Rad62]. Gb
[ABB+08, ESW+95]. Gb/in [ABB+08].
Gb/s [ESW+95]. Gd [MKP73, OHSP76].
Gd-Co [OHSP76]. GdCoCr [Sch75]. Ge
[BC60b, BC60a, BC60c, IM60, Mar60a,
Mar60b, OMAMW60, Bay69, Jon65, Mey90,
Mey00a, SAK70, SLYR72, SSFI11]. Gene
[BCK13, ABC+05, ABB+13, AAC+05,
ADG+05, BSJ+13, BGH+05, BBK+08,
BHD+05, CCD+13, CBB+05, CP13,
CKL+13, CNC+08, CBC+05, CHT+13,
DT08, DLJ+08, EO13, EFR+05, EWS+13,
FKL+08, GBC+05, GBB+05a, HBB+05,
IBP+05, KHZ+08, LK FU05, MSW+05,
OBB+05, PMS+08, WAB+05]. Gene/P
[IBM08]. Gene/Q [BCK13, ABB+13,
BSJ+13, CCD+13, CP13, CKL+13, CHT+13,
E013, EWS+13, OG+13, RIB+13,
SCG+13, IBM13a, IBM13c]. General
[CH765a, GM73, H16, LSH76, RP78, Tay81, Wes78, DAUS91, Fra80b,
Gra69, dTGHC92, HRW69, LSH4, QS67,
S82, TLM83, Kov06]. General-Purpose
[Tay81, DAUS91, Gra69, LSH4].
Generalizations [Dor62]. Generalized
[Azb88, Coo84, LB69, Ris67, Rob67,
ACC+15, BHM04, E65, Gus03, Str68].
generated [BL69, MS89]. Generating
[OH74, RHM63, van77, WLEF89].
Generation [Bea74, BMS80, CW85, Chi86,
CN71, DGL+97, Sch67, TC84, Ver80,
ACD+15, CCFB+12, DEG+01, HRS07,
JGD+08, KW+15, KAB+05, KCA+95,
Lan61, Lan00a, LSH4, LBB+13, MWW+07,
OW00, TUN08, VPD88, VTMB+90, WD94].
Generator [EL80, CL86]. generators
[AEG+02], generically [Gri04]. Genes
[Pic87, DB01]. Geneva [HP06].
GENRAND [Wil97]. geo [BDMN14].
geo-social [BDMN14]. Geologic [ABC+85].
Geological [SM78]. Geometric
[Go69, JS89, Ree59, RR87, SJ89, WLP89,
ER87]. Geometries [Dem78]. Geometry
[Gea79, Ins77, GA68]. Germanium
[And60, BA62, DH61, Hun59, Key61a,
Kk59, MN67b, NM62, SFG+06, GC68,
MNS69, Mey00b, Pa69, Seg68, SNM69].
germanium-based [Mey00b].
Germanium-Gallium [And60]. GeTe
[CSE66]. Gettering [GT80]. GF11
[Kum92]. GHz [Sha02]. Giant
[Gar64, Far88]. Giant-Pulse [Gar64].
gigahertz [OkI03], gigascale [MDZH+02].
Ginzburg [Dou62, Sch89]. Given
[OG87, ODA03, Sug59]. Glamor [LNT08].
Glass
[IBC64, KER64, MLSS84, MVK85, PW78,
Pea69, Tan74, KFSZ92, TKK+92, YCB05. Glass-Bonded [Tan74], glass-ceramic [KFSZ92, TKK+92, YCB05], glass-ceramic/copper [TKK+92], glass-ceramic/copper/polyimide [KFSZ92]. Glass-Passivated [IBC64]. Glasses [GFHW82]. Glassy [Mor89]. Glaze [Kah71]. Global [DR08, LHW81, Pul07, Auw+09, CPvR00, GRP08, LAR91, KAS09, Pul98, YHA71, Bal05, CFG64, DR08, Des02, Des04, Mey03, Non09, Pri07]. groups [SLC09]. Growth [AO60, BC60b, BC60a, BC60c, IM60, OMAW60, FPS66, PF66, MBCF82].

Glass-Bonded [Tan74]. glass-ceramic [KFSZ92, TKK+92, YCB05]. Glass-Passivated [IBC64]. Glasses [GFHW82]. Glassy [Mor89]. Glaze [Kah71]. Global [DR08, LHW81, Pul07, Auw+09, CPvR00, GRP08, LAR91, KAS09, Pul98, YHA71, Bal05, CFG64, DR08, Des02, Des04, Mey03, Non09, Pri07]. groups [SLC09]. Growth [AO60, BC60b, BC60a, BC60c, IM60, OMAW60, FPS66, PF66, MBCF82].

Growth [BV78, BS64, GM60, GL+99, LL83, MJS70, Mar60a, Mar60b, Mol69, Non09, Ros00, WKW60, BNT86, BJW72, Can73, DRK12, EK80, GBBM90, HKvG+11, MWE05, SSFF11]. Guidance [Soh76]. Guiding [Kan15]. gyrokinetic [ETWO08].

Spi93, SCM+82, SSD+15, Ste01. IBM
[SvBC+04, SBC+02, SBC+12, Stu70, SdS89, SCG+13, Sur15, SHM+12, Tag09, TFJ+96, TS82, TAE+07, TBB+09, TFR+01, TJHK03, TCK+15, TSC91, TBS09, UDP+12, VWE02, VOW+12, Vay12, VLB+09, Wai05, WMB+15, WBB+15, War90, WKM+07, WLB+15, WBD+11, WGF+06, Wil93, WCB+86, WHK+09, YSH12, ZST+07, ZCM+96, ZFG+11, ZTC+13, ZFD+15, Ano06c]. IC
[Coo84, FS82, HHSR96, NS00, PBK96]. iCARE [SMX+14]. ICU [OOL+12]. IDB [TPF+91]. Ideal [FH84, KG80, Roe66]. Identification
[Cio86, CLOR87, Dah67, Boh70, HRWZ87, JC00, PAZ72, NRA+07]. Identifying
[CCLBLM12, FSG+73, KHS+08, RWB+10, Mar12]. Identity
[MFB+13, RCP15, SSY12]. IEEE
[ABC+99b]. IGFET [HMO81]. IH
[BC82]. II [BK74, Bar68, BRA84, CGLL93, CAS+91, DMN+59, FDN59, HMO81, LDD96, MS87, Mic59, NB61b, ND57, ND00, Sam67, SNM69, SJ98, SS59b]. III [AAH68, BH8059, CAS91, Gun64, KSF90, MKP73, RW59]. III-V [KSF90]. Illustrating
[Joz04]. Image
[ABC+85, AMG+87, BK74, Ber76b, BDS+97, CCP85, DG84, FGM+83, Gar86, Har65, KB74, LC82, Mc83, Par66, S78, San83b, WSB83, WR83, AW82, ACC+15, ARG00, CBK+88, CJH+15, CGLL93, CNH73, DBK82, JN82, KWB+15, MHR+15, Mon82b, OMA+96, PB89, Pri94, SCC+15, SJZ+15, TFP+91]. Image-Forming
[Par66]. imagery
[Pri94]. Images
[Man85, Sch62a, TLR85, van77, AP82, ATL+88, Dan82]. Imaginary
[Hun59]. Imaging
[Arm65, DV74, CMC+98, Far82, KJP11, Sch91, SLK+97, TKV90, ZWV+11]. Immersion
[GS82a, KT84]. Impact
[Bos97, Bru97, Hel79, Hen83, MT84, Zab79, ZL87, HS04, Ksm92, SAP01, SSFF11, ZL97]. impaired
[AKNR10]. Impedance
[Hor76, Maz70, Pen79, HRW69]. Impedances
[BBG+94, BFR+94]. impinging
[MKJ93]. Implantation
[GT80, ZCK71]. Implanted
[DYHS78, GS80, RGL75, WS75, YDHS78]. implement
[VRA+09]. Implementation
[AK82, ABB+85, ACS84, Ber85, BBG94, EFR+05, FT80, GCPV85, FH94, LWH+75, MS87, SW83, Sow84, Wil85, AAC+05, AHH+14, BCG+09, BDHH+09, BMK+05, CBV8, CRD+07, DDZ+07, FAD+07, FH94, RB90, RWW07, Stu70]. implementations
[BBG+14, MP88b, NFI+08]. implemented
[BBB+13]. Implementing
[NMF10, SW86, Har71]. Implications
[RT79, Tu90, Del08]. implicit
[CCLBLM12, Mic72, Shu94, Wid67]. Importance
[DBK82]. imposed
[Coo90]. Improve
[LV62]. Improved
[BEM+92, Bht79a, CPZ63, Lew83, Sav90, SK80, Dan82, GB71, Mat89, SRD94]. Improvement
[DW58, Fle58, Lin84, RKL88b, EM94, EK08]. improvements
[HS04, JWS+96, SvBC+04]. Improving
[AG94c, FE75, LF77, LKL88]. Inconsistency
[AD94a, BFR94]. incorporated
[BBB+13]. Incoherent
[AMS+99a]. In-situ
[BBF94]. IncAs
[Las78]. Inch
[BBT78, BBT85, FMPS93]. Incidence
[PBF60]. Incident
[DHM75]. Inconsistency
[BB98, FLH]+70, SB62]. inconsistency
[Si87]. Incorporating
[CKM+10, Tar63, SS00]. Incorporation
[BC60b, BC60a, BC60c, MPCF82]. Increase
[Ano06b, AAC+06]. Increased
[SS63, KDG]+5]. Increasing
[AN98, BM96, ON60, WYTO04, WCK+07, Nai02]. Indelible
[Eas86]. Independent
[Fra83, AT78, CS84, MLMP+12, MM94]. Index
[Ano93b, Ano93g, Ano93h, Bax58, PC64, Ano92a, Ano92h, Ano93c, Ano94a,
Ano94b, Ano94t, Ano94u, Ano95a, Ano95l, Ano97a, Ano97j, Ano98a, Ano98l, Ano99a, Ano99i, Ano00a, Ano00j, Ano01a, Ano01o, Ano02a, Ano02b, Ano03a, Ano03b, Ano05a, Ano05d, Ano06a, Ano06d, Ano07a, Ano07b, Ano08a, Ano08c, BGO03, HSL+10, Sit87, WLS+73, Bar75]. Indexed [KHKM06]. Indexing [Bla59, SNA02]. Indirect [Whi70]. Indium [CJT02, How82, RL70]. Indium-Lead [How82]. Indium-Mercury [CJT02, RL70]. individual [MHW95, RG90]. Indoor [YBF+14]. Indra [BNN+99]. Induced [Azb88, DJ07, Har63, Hem74, HMR82, JD66, Lun79, DP68, FMS+92, HRC+08, HRS+95, RKL88a, Sr196, SGS+99, Tan96]. Inducement [Kuh88]. Inductance [BRR79, Ruc72, HOWP92]. Inductive [DB79]. Industry [Car10, Gom87, Kov06, DKS07, SP14, VAB+05, yan07]. Inelastic [BEH+89, EHK+89]. Inequality [Ris76]. Inertial [MR76b]. Inference [Wat60b, AC92, KKB+12]. Infinite [Ins76]. Influence [BS78, BB60, BBG60, HBR85, KMH82, Kus70, Mat62b, Pen79, RRB+01, Roe66, SSG69, HBR86, vK62]. Information [Ano55f, Hor00, IK00, KW62, Kuh88, Leh78, LP75, Lor70, MHI98, Sea57, Sha58b, Sho04, SY73, To88, Wat60a, Wat60b, Win70, AKNR10, AN98, And10, BSO3, Cha77, GDA14, GAB+98, HHI04, Joz04, Luh57, MAD+98, SI09, SKC+10, SHM+12, VAB+13, WR00]. Information-Carrying [Kuh88]. Information-Content [MHI98]. Information-Theoretical [Wat60b]. Infrared [BLLS79, CSH+89, FL74, GHW70, GL62, Heb64, BWB+82, Mah93, Sek93]. Infrastructure [RBB+02, AHK+14, BCG+09, BISN+12, CH06, GCS+12, HBB+05, SHM+12, TCK+15, VSS+09]. Infrastructure [CFH+09, KFW+14]. Inhomogeneously [CL74]. Initial [MW62, van72, BBF+04, vdP72]. initialization [CNS12]. Initiation [BLS84]. initiative [NRD+09]. Initiatives [Num09]. Initio [Cle65a, BBK+08, Cle00]. Injection [Ghe80, HDFN63, Key55, Key70, Las63, LF64, LS64, Mag73, Mar64c, PR65, HRG80, Key71]. injector [JWSP06]. Ink [AE77, BHR77, BT84, BHW77, BBT83, Car77, CS85, CP77, DLK84, FBW77, LMT84, Lev77, SBT87, Tu75, Twa77, Zab77, Bru76]. Ink-Jet [SBT87]. Inks [BLS84]. Innovation [BR81, BS03, CKJ+13, GMS+12, HBP+81, Viv14]. Innovations [HPWW81, HYA03, MT81, Num09, TCK+15, ADS72, AAC+06, ABB+15]. innovative [MZF+03]. inorganic [MCK01]. Input [Fra79, Fra80a, Ins77, TW62, Tit61, BSK+08, DWW90, HBL+02]. Input-Output [TW62]. Input-Restricted [Fra79]. input/output [BSK+08, HBL+02]. InSb [FP69, Glo69, MNP+69, RK69, TK69, Tur69]. Insensitive [LR65a]. Insider [ASR07]. insight [CFH+09]. insights [GB93, LDS02]. Inspection [WSW83]. Instabilities [Boe69, Fri69, Gun64, SSG69, Bra69, HC69]. Instability [Kat89, MN67b, Whi72]. Instantons [CCE+88]. institutions [VRA+99]. Instruction [AST67a, BID94, GR90, VBE94, War90, BGAJ94, EV93, MHI01, Mat03, SLC+97]. Instrument [Shi85]. instrumentalism [HHH04]. instrumentation [CLP+13b]. Instrumenting [CRHP09]. Insulator [CD73, CDS00, KM73]. insulating-gate [CD73, CDS00]. Insulating [PDLM67, TY64]. Insulator [RM70, HD73, IFB+11, Sta02]. Insulators [LMD70, CKG+99]. Integer [Mur57, G72a, G72a, Joh87, Lee07]. Integral [LC80, Od64, Pri58c, Swi62]. Integrals [CCE+88]. Integrated
[Ano67n, Ano67o, Ano67p, Ano67q, Ano67r, Ano67s, Ano94c, Ano94d, Ano94e, Ano94f, Ano94g, Ano95d, Ano95e, Ano95f]. Inventory [BCE+07, KS807, Sop59, KBA07, el 69]. inverse [HA00, Sit71, Tom72]. Inversion [FT64, SS00]. Inversion [HA00, Sit71, Tom72]. Investigation [AS74, MVK85, SGC+87, WB70, BNT86, BHHO59, Shi72]. Investigations [GMW80, SH63]. investigation [D¨ur94]. Investigation [AS74, MVK85, SGC+87, WB70, BNT86, BHHO59, Shi72]. Investigations [GMW80, SH63]. investigation [D¨ur94].Investigation [AS74, MVK85, SGC+87, WB70, BNT86, BHHO59, Shi72]. Investigations [GMW80, SH63]. Investment [GRS13]. Iodine [BC60c]. Ion [DG93, LG88, Lev66, RGL75, Bag94, Cop00a, KBF+92, Kuo92, LCL+98, RKL88b, Spo94, ZCK71]. ion-beam [RKL88b]. ion-beam-processed [LCL+98]. Ionization [KO65b, Pen79]. Ions [CGHK77]. Ir [HKvG+11]. Iron [BB60, KS66, KP63, MHS62, NBRB70, PBF60, SK69, Sha58a, SOC59, KWT+11]. Iron-Nickel [NBRB70]. irradiation [SMVK90]. Irredundant [(Ga57]. irregularly [AG72]. Irreversibility [Lan61, Lan00a]. ISA [CT06]. islands [WTS+11]. Isn’t [Km90]. Isolated [CGR88, LS78]. Isolation [BH82, OG80, DHK00, HB73, Vor71]. Isometries [CLW79]. isomorphism [HHH04]. isoparametric [DF15]. Isotope [GM62]. Isotropic [Blu79b, Che64, CS65a]. Issue [Ano60f, Car81, MT84, Ano67h, Ano67i, GM60, Mar62]. Issued [Ano66n, Ano66o, Ano66p, Ano66q, Ano66r, Ano67n, Ano67o, Ano67p, Ano67q, Ano67r, Ano67s, Ano94c, Ano94d, Ano94e, Ano94f, Ano94g, Ano95d, Ano95e, Ano95f]. Issues [Ano57]. Ano58g, Ano58h, Ano58i, Ano59e, Ano60g, Ano60h, Ano61e, BBD+02. FGM+83, Ano62d, Ano63c, Ano66g, Ano66h, Ano66i, Ano67k, Ano67l, Ano67m, Lec97, ODK+09, PPG+01]. IT-enabled [DDDKW12, Vay12]. Italian [DFM+88]. Iterated [MN70]. iteration [GON+06, Mir72]. iterations [Lan66]. Iterative [ET86, HMW74, Jam89, Lin84, TC84, BS71b]. Iterative-Improvement [Lin84]. Iterative-Interactive [HMW74]. Itinerant [Hon70]. IUPS [NNN+06]. IV [CFG64]. iWARP [NMF10]. J [ACG+87, Ano93c, Ber76a, DKB77, Lan96, Sta75, TFJ+96, Wic76, WH94]. J90 [PBK96]. Janeiro [TPC+13]. Japanese [MMU88, TSNF88]. Java [AAB+10, SSMDG10, TXW+10]. JBIG [CM98, Mar98]. JBIG-ABIC [CM98, Mar98]. Jeopardy [Lew12]. Jet [AEE77, BS78, BHR77, Bog79, BT84, BW77, BBT83, Car77, CP77, DLK84, FBW77, Lee74, Lee77a, LMT84, Lee77, Pim76, PL77, SBT87, TC63, Tw77, Zab77, Bru76, MKJM93]. Jets [Fro84]. Jitter [BS85, Nob95a]. job [DKR12]. Jobs [Cho75]. joined [Okt69]. Joining [Mil69, Mil00]. Joints [CN79, KLS+05]. Josephson [Ame80, Ana80, BKM80a, BJMO80, BMWL80, BKM80b, Bro80, Don80, FHVVZ80, Ghe80, Gou89, GKK+80, GMW80, KL80, MW80a, Mat80, Tsu80, ZG71]. Journal [Ano67v]. Journals [Ano57k, Ano57l, Ano57m, Ano57n, Ano58j, Ano58k, Ano58l, Ano58m, Ano59f, Ano59g, Ano59h, Ano59i, Ano60i, Ano60j, Ano60k, Ano60l, Ano61f, Ano61g, Ano61h, Ano61i, Ano62f, Ano62g, Ano62h, Ano63f, Ano63g, Ano63h, Ano63i, Ano66s, Ano66t, Ano66u, Ano66v, Ano66w, Ano66x, Ano67w, Ano67x, Ano67y, Ano67z, Ano67–27, Ano94r, Ano94s, Ano94o, Ano94p, Ano94q, Ano95i, Ano95j, Ano95k]. journey [UDP+12]. JSP [Tsu80]. Junction [KMO64, KO65a, KO65b, KO66, KO67, KO69b, KO70, MG63b, PR65, Rei66, TDM+87, VCP80, Ano66c, GP06a]. Junctions [BKM80a, BS69, BJMO80, BMWL80, BKM80b, CL64, CSE66, Dm63, FPS66, Gef88, GS80, Han86, Lik88, OMAW60, PF66, SAL63, GP06a, MC68, OKH+02, SUN06]. Just [Kan15, SMC+14]. Just-in-time
Knowledge-Accumulating [GLS86, Nic92, WN92].

Key-to-Address [SR63]. Knowledge-Accumulating [Kuh88].

Knowledge-Acquisition [Nic92]. Knowledge-Base [HKM+86]. Kr [BBK76].

Kraft [Ris76]. Kutta [War63]. KWIRE [Elm84].

Languages [Lom76, Luc81, MO84, Sam81, AR87, CGS61, Dun57a]. LANs [BS85, CS03]. Lanthanide [GSG+90].


Large [Ast58, BSS82, BHP83, Bra64, BBH+67, CD85, DFM+88, DO74, DAB+97, ETWO08, GHHK76, Mer88, Mon82a, RBB+11, Sch80, Sta89b, Wre83, ABM88, CKK+98, CHG04, Dav69, Elg11, HTR06, KJS09, Kum98, LSW13, MSB+04, PS91, RBB+02, TWR89, TBS09, Hud76].

Large-Area [DO74, Sta89b]. Large-field [DAB+97]. Large-Scale [BSS82, BBH+67, CD85, Mon82a, ETWO08, RBB+11, HTR06, KJS09, LSW13, RBB+02].

large-tree-search [CHG04]. Large-Vocabulary [DFM+88]. Larger [CAS+91]. Larger-scale [CAS+91].

Laser [Bro78, BH79, CCC+79, Chu82, Cro79, DN97, EHMW81, FL74, FLR77, Gar70, Gar64, HHM66, Har63, HD69, HMR82, HDK+11, HFDN63, Key65, Key70, LS64, Lun79, LSH79, SA66, SLLP64, SLH67, Zwe65, vAR82, DAB+97, DP68, IA71, Key71, Mar71, Sor79, Sor00, SPP97, Spr71, TWR89, WW71, vS98]. Laser-Enhanced [Chu82, vAR82, vS98]. Laser-excited [HDK+11]. Laser-Induced

[Har63, HMR82, Lun79, DP68].

Laser-Optical [FLR77]. Laser-pumped [SLHM67].

Lasers [AH79, Cha79, DC82, Har65, JW82, KMCR82, Las63, LF64, Mar64, MG63b, PR65, SL67, TB82, CBM79, MG86]. Latch [Cor84, Gra80, Mat85]. Latch-Up [Mat85].

latencies [BS96]. latency [FGG+13].


Launch [BDH76]. launches [RMR94]. Law [Col59, Swi62, CPD+09].

Layer [BW83, Kue90, Lee77a, RWC80].
RVV88, Wre83, CDD+10]. Layered [CS65b, Sch89]. Layers [FT64, Gar86, KLB64, Mid70b, O'H78, PW78, TY64, CU98, PM72, Whi93]. Layout [Coo84, FLKA84, BGH+05]. Layouts [Lew80]. LC [YL98]. LCD [KSK98]. Lead [GL62, How82, Vil82, BCSE89, KLS+05, SAT+08]. lead-free [KLS+05, SAT+08]. Lead-Thallium [GL62]. leadership [ADF12]. Leading [HM90]. Leading-zero [HM90]. leads [EG00, Gus97]. Leakage [GT80, VCP80]. leaks [SBG+13]. learned [Mer04]. Learning [Fri58b, FDN59, Sam59, Sam67, WM92, Pri58a, HKD06, KCML13, LRMT95, Sam00, SCC+15, TGL+12]. Least [Cio68, Goz94]. Least-Squares [Cio86, Goz94]. Leduc [Pri58a]. Leed [Jon70, Bru78, MJJ69]. legacy [HS11]. Legendre [Rob67]. Legendre-Clebsch [Rob67]. Legion [GHN04]. Lemmas [Kuh60]. Length [Don81, Fra70, GLP76, DY89, JVP+90, SHWK+90]. Lens [RHM63, TH11, Bru97]. lenses [DH90, TW90]. Letters [DSZ+12]. Letter [And60, BC60b, BBT60, BB60, BD62, Bre60, BA62, BLB+63, BN63, Car60, COC61, Con60, CK63, Dam66, Die62, Dod63, Dem63, FMP61, FK62, FC63, Has62, IM60, Ken61a, Key61b, KW62, KKK63, KP63, Ku63, Kue60, LDD63, Le 62, Le62, MW62, MVB62, Mar60b, Mat62b, MS60a, MP61, Mel60a, MWN63, MHS62, MG63b, NM62, ON60, Pal61, Par60, PK61, Rad62, Sch67, Seg62, Sm60, SB62, S61, Tid62, Tit63, WK60, Yn61]. levee [SVNH13]. Level [BCK13, Bru78, Cle83, FHL+82, Sam81, SH69, AW82, Agn02, BOS+95, BSJ+13, BBS+03, DSJ71, GN+06, GPL+92, HPW+02, JK93, KYY+08, Pat89, RBK+08, SG95, Wil97, WBH+04]. Levels [Fle58, KLC84, Sop59, KSB07]. Levy [Lax67]. LEXX [Cow87]. Li [Les71]. libraries [Agr01, Aus90]. Library [LS75b, BPS+96, MBC+96]. Life [ABD+14, BB09, Kov06, Kuh88, McC69]. lifecycle [WTT+14]. Lifetime [FL59]. Lift [HCS80, MW80a]. Lift-Off [HCS80, MW80a]. liftoff [CH82, HMM82]. Ligand [STW+08]. Light [BLB+63, CJ78a, Dum63, FPS66, Her66, Key63, KHKM64, LDD63, LS64, MWN63, PRY65, SW98, SB62, VG74, BLD97, CU98, CA01, DSRC98, DP68, HP01, Lux67, LS72, Rab69, RRB+01, RDD+98, SGG+98, SST+98, SS00, Shi73, TMS98, YL98]. Light-absorbing [Her66]. Light-Activated [PRY65]. Light-Emitting [BLB+63, Dum63, LDD63, MWN63, FPS66, CA01, HP01, RRB+01]. light-source [DSRC98]. Light-Valve [SW98, SST+98]. Lightly [Lan63]. lightweight [BGO03]. like [Key61b]. likelihood [Boh70, EOH10, Sta73]. likely [OKH+02]. Limit [Heb64, Taut02]. Limitations [LS64, BJW72, CBBS90]. Limited [BJM+06, Fra70, Mag73, MS60a, HC69]. Limits [Bro88, Key88, DDA+93, DAS+94, Emm97, EHP05, Fra02, Key00, PK88, Sta02]. LiNbO [HD69]. Line [BF77, Ber64, Dal67, GH70, GC81, GM63, Hop61, SAL63, Sve78, Tay79, Tod78b, ZL87, ABC+99a, ATW97, BH95, BP74, BFM+93, HR69, MBC+96, RS94, Rei69, Tib93, Wee72, WC99, WWA+98, YG81]. Linear [Ast67b, CW72, ET86, GK64, MY67b, MW70, Nus77, Pim76, Plf66, Pri57a, Sch85, Sie63, Tuc60b, AW82, AGZ94c, BE03, BM86, CIE+03, DWW90, GB71, Gus76a, Gus76b, Gus97, Gus03, Las61, May60]. linear-algebra [Gus97]. Linearization [Ger73]. Linearly [K067]. Linearly-Graded [K067]. Lines [Gru79, Hor76, Mul67, Ost84, Wit85, Bra68, Cha88, DKR+90, Ho73, HRS+95, Kep75, Lan60]. linewidth [CAC+95]. linguistic [BC00].
Link [Cro79, MT77, DRSM15]. Linked [CT76]. Links [TW62, CBB+04, FMP+03, GLO92, KAC95, PK03]. Linpack [KGBB09]. Linux [ZST+07]. Liquid [BL62, Bog79, Lan85, Lee74, Lee77a, Mc92, Pim76, PL77, RL70, SW98, Spr63, Tu75, AT00, AHI+98, CJ78a, CJ78b, KFYU92, KRC68, LL98, LCL+98, NSO98, Rdd+98, SHWK+90, SST+98, SSO0, TSH92, TCC98, WWA+98, Yan71, YHA71].

Liquid-Crystal [DC82, McG92, SW98]. liquid-nitrogen [SHWK+90]. Liquids [MW62, DP68, Shi73]. Literary [Tas57, Luh57]. Literature [Luh58a, Bax58]. Lithographic [DMWW77, MPS77, BDS+97]. lithographical [BTWY92]. Lithography [BLDM97, Bro88, Dav80, Gil84, HWC88, JWL82, Par80, PS80, RFK+97, Rot80, War93, AWHK97, Are93, BRB+01, BGK+82, BrU97, CS97, DEG+01, GHP+93, GC93, HMH97, Iro01, LL93, LMW+01, MBB+01, PGN88, See93, SMV90, SGL+97, SRO93, SS93, Spi93, Wil93].

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

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

Load [Chi60a, Con58, Con60, Mar59]. Loaded [GM63, HG83, Lan63, EC71]. Loading [van72, BBF+04, CGLL93, GLCW93, vdP72].

Loads [ALL77, BGT74, KS01]. Local [Cro79, DJB78, Fra83, HS85, HS81a, Str83, MCAW95, OCB+90, ST89, SJZ+15].

Local [Cro79, DJB78, Fra83, HS85, HS81a, Str83, MCAW95, OCB+90, ST89, SJZ+15]. Localized [FW88, Hon70, JT66, Lan88, Lan57, Lan96, Lan00b]. Localized-Field [JT66]. Location [DYHS78, LMP69, YBF+14]. Locked [KHBC66]. Locs [HS82]. locus [Dan66].

log [McN94]. log-structured [McN94].

Logarithms [Che72]. Logic [AFR62, Bei92, Bra87, CGG+64, Cle83, DJB78, DB+84, DHSC64, DHSC00, DLW86, Don80, Don81, EL80, EL83, GRS87, Ghe80, Gia66, GLL80, GHHO57, HMW74, Jon75, KL70a, KC66a, Koz81a, LM80, LBH+75, MS05, Mat80, NW64, RWWL81, SKB+96, TC84, Vi82, Vo65, Wei79, WO05, AHH86, BEM+92, BJM+06, BGL+92, BMT+90, CCJS98, CAC+95, DBG+90, Di88, Don74, Fag77, FM75, FN71, dTGHC92, HCO74, HBB99, KL63, KCA+95, Koz81b, MTB+90, WPL+12, We91].

Logic-based [MS05]. logic/firmware [WPL+12]. Logical [AHJ+57, Ben73, BDH63, BM+59, PR59a, SGK04, Swa60, WW75, Win62, Zul01, Ber76a, Wie76, WYTO04]. logistics [BCE+07, BKP82, SCH+09]. Lognormal [NB61a, NB61b]. Long [Kuz70, SH84, BBC+08, DKS+95].

Long-Lived [SH84]. Long-Range [Kuz70]. long-term [BBC+08]. Longer [MS05]. love [Ber76a, Wie76, WYTO04].

Low [BH89, CFH64, CNC+95, Cre58, GM62, GBB+05b, HOWP92, HS91, Ins77, Jon65, Jon70, KDBT60, KBC+03, MLC69, Mey90, Mei00a, MPD86, RL70, SKB+11, SCYK78, Tay81, Tro00a, Bea90, BJM+06, CT60, DTK95, EB91, EO13, FGG+13, HSS+10, JK93, LCHL95, MZS+03, MKH+11, NHKI03, PK+03, SAT+08, SN02, SKSP06, SPR+95, SCG+13].

Low-cost [GBB+05b, HSS+10, LCHL95]. Low-End [Tay81]. Low-Energy [Jon65, SKB+11, Tro00a, MHK+11].

Low-field [BH89]. Low-inductance [HOWP92]. low-latency [FGG+13].

low-noise [DTK95].

Low-Operating-Voltage [MPD86].

Low-overhead [HS91, EO13, SKSP06].
Low-power [KBC+03, BJM+06, CT06, MZS+03, PZK+03, SPR+95].

Low-temperature [Mey90, Mey00a, Bea90, SN02].

Low-Toxicity [RL70].

low-voltage [NHKI03].

low-volume [SAT+08].

Lower [DH73, FL75, LF77].

LPE [Lew78a].

LRU [BK75].

LSI [CHS82, FS82, KMH82, Mon82, OK82, Rot82, Sak79, Sta76, Sta00, Ver80].

LSS [DBG+84, DBG+00].

LSSD [BTP+90, Cor84, EL83, LSF84].

LT1280 [Bar83, PW83].

LTO [Jaq03].

Lubricating [Lan85].

Lubrication [TT74, VG74, BHHO59, Gro59, Mat95, Mic59].

Luminescence [PF66].

Lumped [Rut59].

Lumped-Parameter [Rut59].

Lung [Tay57].

lysozyme [ZEH+08].

LZA [HM90].

M [Don00, BDN+02, Bra72, HWC88, PZK+03, SHWK+90, TMF+95, ACM+89, Yet89].

m-gate-length [SHWK+90].

MAA [Lye77].

Machine [AST67a, Ast67b, Bax58, Fri58b, FDN59, Gro90, HKD06, LH57, ND57, RR83, Sam59, Sam67, WM92, AT78, Be92, CGS61, Fri58a, HMT71, Sam00, SSMGD90, ZY72, LH00, ND00, VBE94].

machine-independent [AT78].

Machine-Made [Bax58].

machine-printed [HM71].

Machines [Ban84, BMS80, GR58, Gum83, SH57a, FHP01].

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

macromolecules [HMK01].

Made [Bax58, BA70, SBF+97].

Magic [CSS83, Par98].

Magnet [JT66].

Magnetic [AKK+67, Adl70, ABK89, Ahn66, ABPS66, Azh88, BTW62, BBP72, BBG60, Blu79a, Boy60, BBKW86, BS70, CDS+86, CBH85, Cha62, CLW80, CC76, Dav77, DP59, DPW60, Die62, Don62, DSSS64, EGS60, Fan61, FLP90, Flu67, FP57, FK62, GLS67, Goo62, HPWW81, Hoa58, Hoa61, KPS61, KJMS67, Kro58, Kuf63, KHBC66, Kus70, Kuz70, LR65a, Map62, MPST66, Mat70, MP61, Met70, Mid65, Me66, MW67, ND57, ODR70, OHSP76, PW67, Par60, PH74, Pat75, Pat85, PFS+70, PSS67, RK66, SSW65, SH57b, SH57c, Sch85, Sea58, SIE63, Sko58, Slo66, SM66, SHSY90, SHSY00, SN98, TW74, Th62, Th64, Whi70, WCB+86, WXY76, AF68, AW98, Ano70b, Ano06c, BPS81, BS03, Coo90, Dec90, DPW00, EO10, EKS+04, FCH70, GP60a, GDR70, HJ98].

magnetic [Hoa00, Hsi99, ICO71, Jon98, KT70, KOB71, Lew73, MEB89, ND+04, ND00, OCR+98, Par98, Pat89, RE71, Ste81, SHCS05, TB00, TFL+98, Vin81, Yan71, van89].

Magnetic-Core [FP57].

Magnetic-Disk [ND57, ND00].

Magnetic-Field [EGS60].

Magnetic-Field-Induced [AZ88].

Magnet [Beb62, WB70, Pat72].

Magnet-Optical [WB70, Bro72].

magnetoresistance [Far98].

Magnetoresistive [BCRT74, CPL+74, Hem74].

Magnetostatically [Cha62].

Magnetostriuctive [Pre66].

Magnetotransport [SKEG+98].

magnets [YTF+11].

Magnitude [Par80, CIE+03].

Main [Gha75, GMW80].

Mainframe [AK82, DP13, EDGL+13].

Maintain [Now02, Tom72].

maintenance [CHMW07].

Majority [LM80].

Majority-Logic [LM80].

Make [GW57a, GW57b].

maker [MD12a].

Making [CP91, CAS+91, CAPP91, ES+12, Kin03, Pen91, PBSL07, MAG+01, PW72].

maleimide [GA88].

Man [BA70].

Man-made [BA70].

managed [VSS+09].
Management [CT76, GLP76, LS76a, Pri07, RM10, Skl76, AAB+14, ABB+12b, BKN10, BPS81, BNN+09, BNSG09, BFRT13, BHH03, BBB+05, BM96, Car10, CHH+01, DM03, DYK10, E06, EBW90, FGK+07, FWR+11, FM10, FGG+13, FLMKS06, GD14, GAB+08, HS11, JS14, JWW+11, KKB+09a, LRV+09, LSS14, MSV14, MBA+12, MN97, MS07, PKKK+07, PAB+05, RAR+14, RHM+99, SCI05, SBD+10, SGK04, ScNH13, SCH+09, SCM+82, SCG+13, VRL10, VOW+12, VAB+13, WLB+15, YSH12, vKCD+10, CHY92, PS09].
Manager [Kov06, FBG12, MBA+12, YSH12].
Managing [Aus90, Jen10, Kru84, SPS+06].
Manned [Jam81]. manufacture [CAC+95, GHP+93]. Manufacturing [BW83, Don00, EGS+85, GAC85, Har81, HM97, MT81, SW67, AP69, BBH82, CDD82, CMS85, CMC+95, FGP+85, FS82, KL70b, KL94, LRMT95, MCH+82, Os93, Ros99, Rot82, SCH+09, Stu70, Ti93].
Many [Adl64, BCE89, BMPS91, Di88].
market [Sav69, SGR10]. Marketing [Sel07, BDMN14, LB07, TYM+14].
marketing-mix [TYM+14]. markets [Car10]. Markov [Bir01, Hei80, LB07]. Markovian [IS83a, IS83b]. Maser [Fan64, SS61, Sni57]. Magic [Ham78, KO65a, KM66, Rot74, BM93, BDS+97, MAG+01, Rot82]. mask-making [MAG+01]. Masking [JMLW94, Mid70b].

- Masks [RHM63, SPP97, GHP+93, SMV90]. Mass [Lev66, MKJM93, Pat80, SFD77, MS89, Sp94].
- mass-production [MS89]. Massey [Gus76a, Gus76b].
- Massive [CP13, SCC+15, Soi13, BBC+08, GGK+13, KCM+13, SXW+13, ZSY+13].
- Massive-scale [SSC+15, Soi13, GGK+13, ZSY+13].
- Massively [CNC+08, VBC+08, ZEH+08, BSHM01, CBV08, CDD+10, RQBW08, STW+08].
- Material [BS84b, CS65a, Hai85, Par60, AAC+06, DVM81, RK72, Yan07].
- Material-Handling [Hai85]. Materials [Ame80, BHR77, BS77, Buc99b, Hat88, Hov78, KN81, Lew78b, Lip92a, Mer78, STCR84, ARM+01, ABR71, AR98, BK76, BWB+82, CBH+05, Cop00a, DG93, EKS+04, Gri99, Hsi99, JS00, Kel89, MBC+96, Nes98, NSO98, See93, SA00, Tan96].
- math [EFG+05].
- Mathematical [DB69, KO67, KO69b, Opr03, Paz75, Pul03, SH57b, SH57c, SS59a, CFL67, KM68, KM73, WH94].
- Mathematics [Coh87, HM87, Wan60, AKM+03].
- Mathieu [Lev66].
- Matrices [Ard59, Fla65, Sch84, VM79, AGZ94c, CW58, Fil70, Gus03, PS91, Tue68].
- Matrix [Chi60a, Con58, Con60, Her66, Mar59, McA83, Tue60b, ZH89, AGZ94b, ABG+95, AIH+98, CAW+98, Gup97, LCL+98, RSS91, Ris72, Sit71, Tol97].
- matrix-multiplication [AGZ94b].
- Matter [FRE+08, GZE+05].
- Mature [Tay84].
- Maximal [Ari69, Mar64a, MS60b, Pat70].
- Maximizing [RMM03]. Maximum [Bar80, Bar86, Boh70, EÖH10, FHS606, Mac60].
- maximum-energy-concentration [Bar66].
- maximum-likelihood [PZH10].
- Mb [FKP90, GP06a].
- Mbps [OCB+90].
- Mce [BS84].
- Mey [BDMN14, LB07].
- Mian [BDMN14, LB07].
- Mier [BDMN14, LB07].
- Mijan [BDMN14, LB07].
- Mii [BDMN14, LB07].
- Mij [BDMN14, LB07].
- Mifan [BDMN14, LB07].
- Mifan [BDMN14, LB07].
- Mifan [BDMN14, LB07].
- Mifan [BDMN14, LB07].
- Mifan [BDMN14, LB07].
- Mifan [BDMN14, LB07].
- Mifan [BDMN14, LB07].
- Mifan [BDMN14, LB07].
- Mifan [BDMN14, LB07].
- Mifan [BDMN14, LB07].
- Mifan [BDMN14, LB07].
[Rut59, RS59b]. MCM
[KBM+99, KPT+02, Lee77b]. MDGRAPE
[EKS+04]. MDGRAPE-2 [EKS+04].
Mean [Col62, Pri58c, Mat03]. mean-value
[Mat03]. meaning [AC92]. Meaningful
[Sha12]. Means [AK82, Sie63, CNH73].
Measure [SS88, DB01]. Measured [SS88].
Measurement [BDS+97, Cha73b, EGS60,
FF73, Hun59, KKS+73, Smi60, VCP80,
BP74, DR93, GRH+08, GLCW93, HD73,
KMY68, KO69a, KS01]. Measurements
[Ahn66, Bro66, CEY84, DAKG67, FHH64,
KC89, KWB88, Map62, PSH80, Sie70,
WB70, ABC+99a, CDM89, ESMH95,
EFR+05, LS72, Peh69]. Measures
[FF84, Gia66, HP84a, Sav70]. Measuring
[Beb62, DH69, FL74, RSL+70, Yan71].
Mechanical [AOR62, BBKW86, DH83,
LW77, Tay75, TBB+15, Wan60, WLPL+80,
WCB+86, Bal91, BBF+05, Fer70, GPL+92,
KLS+05, Pri66, WGC93]. Mechanics
[CFT2, Pri58b, Moi91, Tho94]. Mechanism
[Bay78, Cla79, HP66, Mee67, MWEJ05,
HMM82]. Mechanisms [BLR84, BRA84,
Cha69, Gom86, Ho66, Kas70, PL79, Sch62a,
vAR82, BW72, MMV+01, PAZ72, Whi93].
Mechanistic [GB93]. mechanized [Luh57].
Media [Bay69, Bih79a, Pol78, SW74,
BDMN14, BEJ+14, HPZ+05, JMM+96,
KSSC+13, MA96, NMH+07, RVT+13].
mediated [GB93]. Medical [Pet77,
ACC+15, GLDS14, KWB+15, OMA+96].
medical-image [OMA+96]. medicine
[Far82]. Medium
[Cop00a, Gra79, Mir60, CDD+10].
Medium-energy [Cop00a]. meeting
[MWL+14, KSB07]. meets [MBB+01].
Megacycle [WRLA57]. megapixel
[SGY+98]. Meissner [Mat62b, vK62].
Mellin [Lew75], MEM [KJP11].
Membrane [DWGC85, Pet79]. membranes
[ABM+01]. Memories [Ast58, Gra80, Sch63,
WT77, FR01, Gab69, Hui90, KMB+08,
Lai08, ORT+96, VTMB+90, WW71].
Memory [Aic84, ABPS66, Bar75, BBC+64,
Bla63, BCHK84, CFL73, CH84, CR84,
CLW80, CPZ63, Cro57, Cve87a, Dab63,
Dub72, FHVZ80, FMP61, FP57, Gar57,
Gha75a, Gha75b, GMW80, Has62, Hor62,
JMN64, KPST61, KJMS67, KHB66, LL99,
LH57, LH80, LST80, MRH89, MLGD84,
Mat80, MP61, NAB+15, ND57, ND00,
OBB+05, Ost84, PSS67, PCC81, RS94,
RRSW61, RWC80, SSW65, SMD80, Swa60,
TFR+01, Tro80, WPLL67, AGZ94b, B06,
BBP72, BPS81, BAB+13, BH80, BCKK92,
BKS+08, CP97, CTT91, CGN72, CW91,
Don74, DMR+81, FP3t, FHPR01, FW08,
Hat72, HRG80, Lar80, LGW+15, Lee77b,
LH84, MBJ+97, MDB+02, MIH01, Mat03,
MLMP+12, MCG+15, OWG+13, Pat72,
RBB+08, RHC73, SKSP06, SSD+15, Sur15,
Tol97, TGB+80, VLT+12, Won90, AFP+01,
SAPT01]. memory-system [Tol97].
Mercury [CJT62, RL70]. Merge
[Tod78a, TW85]. Merged [SS76, Le77b].
merging [GLK+12]. Merit [Esa62, Gra66].
Mersenne [Nus76b, Nus77]. mesa [AA71].
MESFET [Moh70]. MESFETs [JVP+90].
mesh [FGH+06]. mesh-connected
[FGH+06]. Mesoscopic [CGR88, KH88].
Message [Age04, Age05, Age08, B05,
Cal81, Che06, Che08, DR08, Des02, Des04,
Don00, K0v06, Mey03, Num09, Pea09,
Pri07, PS09, Pul07, Ros03, San12, Str81, Viv14,
AAC+05, LDSY91]. message-passing
[AAC+05, LDSY91]. Messages [MG63a].
messaging [BEE+02, NNMJ01, SCW10].
Metabolic [NBF+00]. metabolism
[LPPT86]. Metal
[BLR84, BRA84, Fre70, LMD07, RM70,
RWC80, Was88, BNT86, CWC95. Dat90b,
DN97, Dür94, GB93, GNF06, HSH+88,
KMB+08, OHWR88, SN98, VWJ11].
Metal-Insulator [RM70]. metal-mediated
[GB93]. metal-oxide [VWJK11].
nmetal-polyimide [DN97]. metal-polymer
[HS+88]. Metal-To-Polysilicon [RWC80].
Metallic [Coo62, Lan88, SC88, CCG73, Lan57, Lan96, Lan00b]. Metallization [FHL+82, Ham78, Mid70a, WKD98, C+98, GPL+92, LX94, WDA05]. metalloenzymes [MMV+01]. Metallographic [Han57, KWT+11]. Metallography [Kov59]. Metallurgy [GRS87, KT84, BA69, TS69]. metalorganic [Tis90]. Metals [KJ66, Lit62, Dat93, KJSG+88]. Metastable [RVV88]. Meteorite [Kol67]. Methane [AGLM85]. Methacrylates [AGLM85, GOJN77]. Methacrylate-Based [AGLM85]. Methacrylates [Hir77]. methane [HHA93]. Method [ARV64, Beb62, BP84, Bre72, Dan60, GS87, Hu87, LC80, Man85, MJJ69, MS67, MVI+07, Pri58c, Rot66a, SR63, Thr65, VCP80, WSW83, Wel61, Yha75, BGK+82, Boh70, BBK+88, BS72, Bra72a, CP72, CW72, Dan66, FRPG01, Fra80b, Frol71, Gil60, GB71, HRW69, JP94, KN91b, KSK98, Lan66, LS77, Lei61, MN70, MC87, Mic72, MTB+90, SNA02, Slt87, TLM83, Tom72, WLEF89]. methodologies [GGK96]. Methodology [CW83, LSH76, SH84, TS82, ABB+99, BAB+07, BBS+03, CCW+02, DL02, EGH+96, FPB+11, HNS+03, HKR+97, KBB+97, KEL+00, Mat98, RB90, RBK+08, RFG+07, SCC+97, TMM+08, WBW+15, ZFG+11, EPP+10]. Methods [Bro66, Dub83, Fra70, FP83, Gaz78, HS85, HW81, HS61, KLS66, Meg63b, Mir69, Ode87, Sch62b, ATW06, Boh73, GM72, GK64, Ham99, HHR99, HM71, HKD06, Hor89, HRS07, HE10, Kri82, LOT2, Mac60, MDR+07, Meg63a, RW59, Wid67, Wol72, WBT+10]. Methyl [AGLM85, GOJN77]. metric [DRSM15, FM10]. Metrology [Rot74, Rot82]. Mexico [IFF78]. MgO [AS78, PW78]. MHz [RHC73]. Michelson [GHW70]. Microanalysis [NM62]. Microarchitecture [FAD+07, BBS+03, LSF+07, MWS09, SCS+02, SBDD+09, SKT+05, SVE+15, TDF+02]. microarchitecture-level [BBS+03]. microblogging [CGM+15]. microcode [vBBE+02, GMS05, KKM02]. Microcoded [CN74]. Microcontact [BLDM97]. Microdisplays [HP01]. Microelectronic [Cop00a, CNC+95, KLS+05, TW69]. Microelectronics [DHSC64, Ang01, BRB+07, DHSC00, JS00, KBF+92, OSP+98, RWM+05, RB92]. microelectronics-related [JS00]. Microfabrication [Dat98b, Dat98a, vS98]. microfractography [Mon82b]. Microglossaries [Tar63]. Micrographs [Kra81]. microinch [CMR72]. Micromechanical [Pet79]. Micromechanics [LDL84, Poh95]. Micrometer [Ghe80, BK76]. Microminiature [LFR05, VLFK14]. micromodels [LS73]. micron [KCA+95, MTH71]. Micropitch [NSOO98]. Microprobe [KM74]. Microprocessor [AK82, CT82, Cor82, HS81b, ML82, ADH+00a, BGW+04, BBH+95, BAB+07, BCJ+96, BBGP94, BBC+12b, CCW+02, CFP+07, CJB+15, FGK+07, FPB+11, GPS1, HKR+97, JO96, KL97, KLAB+12, LR97, LHI+02, MBF+07, MP82, SRL+11, SBDD+09, SWC+97, SPM04, SMK+99, VMM+94, VLP+05, WKP+02, WL97, Web00, ZS03, ZFG+11]. Microprocessor-Based [HS81b, GP81, MBF+07]. Microprocessors [RS85, Sta85a, ABB+99, BBS+03, CS99, CT06, DKS+95, GRBJ05, SLC+97, SCC+97]. Microprograms [Bir74]. Microscope [AMGC86, APS86, BMCS86, CW86, DHTW86, KJ86, vV86b, BNT86, KKT+95, MPHC90]. Microscopy [An86c, DPR86, FF86, Fin86, Gar86, GH86, Gom86, HG83, HBR85, Poh86, SB86, TH11, WKB+86, All00, Bat00, BR00, Dür94, EBD+86, HBR86, KWT+11, Lud00, LFC95, GS87, MS67,
Mat95, MHK+11, Poh95, Ros00, SKB+11, SA00, Sto91, Tro00a, TTI98, VWJK11. Microsecond [RRSW61]. Microsectioning [Han57]. microstrip [HRW69]. Microstructural [SGC+87]. Microstructure [GH86, Hat88, KLS+05, KWJJ84, Kuh88, Lye77]. Microstructures [SC88]. Microtasking [CSZ86]. microturbulence [ETWO08]. Microwave [BGS64, FP69, Gli69, GRT74, RS69, Smi57, SOC59, Wol70, BH89, Tur69]. mid [Jaq03]. mid-range [Jaq03]. Middleware [KOP14, FGG+13]. midplane [HPZ+05]. migratable [BPS+96]. Migration [GRSW86, AT00, CBV08, WGS04]. military [BCE+07]. Millicode [HF04]. Millimicrosecond [DP59]. Millipede [VDD+00]. MIN [BP74]. MINI [HCO74]. Minicomputer [Rad83, Rad00]. Minimotor [OCR+98]. Minimum [Hsi70, Mar61, Pat70, HZB+06, Kar73, Mac60]. minimum-distance [Mac60]. minimum-energy [HZE+06]. mining [ASR07, BGL07, KSSC+13], Mira [CL74]. Mira [Kue60, Pet80]. MIR [CL74]. Miss [SS76, MHI01, Thi88]. missile [RMR94]. mitigate [ESA02], mitigating [SP14]. mix [TYM+14]. Mixed [Azsh88, BLR84, GTS2b, GTS2a, Lee07, Mey00b, VWPB90]. Mixed-integer [GTS2b, GTS2a, Lee07], mixed-signal [Mey00b, VWPB90]. Mixing [FGMPK05, SB62], Mixtures [GBC65, CJ78b], MMA [Lye77]. MMA-Co-MAA [Lye77]. MNETS [Mat98]. MNO [Mat70]. MNOS [FP73]. MnRh [Su75]. MnTe [MDJ+70], Mo [HBL62]. Mobile [CJK+13, Rit13, CLP+13b, CLP+13a, KKT09, OYHSB14, RFB+03, YGR14, MBF+13]. Mobilities [PK61]. Mobility [LB85, PB69, Sie70, AAM+07]. Mode [Dum63, GHW70, KHBC66, PK61, SAL63, Tie61, WS75, CJM96, HB73, SGK04]. Model [AKKJ72, AST67a, AEGP67, And73, AH+91, BBS78, BM63, BGM+67, BH82, BHWZ63, Cha74, Cho75, CP77, DB69, Doo83, Eas75, Eas78, El 74, FL67, Ins77, KS79, Kle64, LS75g, Lom76, Lom80, MDJV08, MTS84, MMV+01, Nor58, NM65, Sav69, SH57b, SH57c, SNP06, SFT78, SMD80, Sta84b, TY64, TC63, TO77, AP69, Agi74, ABK89, AKRS04, Bar78, BC00, CG71, CBD+09, Flh91, Gam72, GGRW91, Gsc09, HCL72, Hdt90g, JL90, Koc59, Lew78a, Moo72, MS70, PLK09, QS67, QGT13, RBL+09, SCH+72, SM71, Sta75, TWN+14, Var89, Wor06, Yar12]. Model-based [SNP06]. Model-driven [MDJV08, TWM+14]. Modeling [BS81, BKM80b, CH06, DKS+95, EGS+85, Fla81, GL87, GC93, Ham69, Hoh78, Irv93, KW76, KGS85, LS76a, LBT99, MMJ69, OHM+85, PB89, Pau89, RR87, SCR78, Sri96, Sta83, Sta84a, IBM13c, VDP94, Was77, WLPL+80, Wes90, WWK+87, Yas07, AHN+03, Bohl73, DJK14, FGW81, HNS+03, HS11, KCOV08, Law02, LFL+92, Lee07, Mah93, Man90, MS69, NN+06, Osh93, RES+15, RWM+05, RBK+08, Rub90, SJMBK08, Sta76, Sta00, Tan08, VMG99]. modelling [DSW71]. Models [BS84a, CW85, ET86, Fer75, FN71, LB85, Mil84, Ohb84, SC75, ZG65, ADG+92a, Bir01, Car10, CCF+10, CKE+10, HA00, Mat03, OTC14, OLM+13, RMS80, el 69]. Modern [CN74, GP81]. Modems [HS81b, Nob95b]. Modes [Bei74, Fan64, AL76, YL98], MODI [MBF+13]. Modification [AMGC86, KMCY82, ACM+89, EM94, LV94]. Modified [Ho75a, JP94]. Modular [Bra75, LV62, Mat98, NCM+01, FGH+06].
SKS$^{+11}$, TWX$^{+10}$, WNW$^{+10}$, ZCLS$^{10}$.
multicore-processor [FNY$^{+10}$].
Multidimensional [KM77, FAFL91, TG91].
Multifaceted [GSC12].
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, AEG$^{+02}$].
Multiobjective [Agr01].
Multiple [Ano66j, Bla65, Dah63, DLK84, DK67, LDL84, Cha88, DN97, FLP90, GA88, RRB$^{+01}$, TKK$^{+92}$].
multiple-input [DWW90].
multiple-output [MN70].
multiple-variable [GA86].
Multiple-Variable [ELC85].
Multiplexing [RTM65, Thr65, BW99].
Multiplication [Ken61b, Meg62, RSS91, AGZ94b, ABG$^{+95}$, Tol97].
Multiplicators [VP88, BH95].
Multiply [MS87, SN87, AEG$^{+02}$].
Multiply-Connected [MS87, SN87].
Multiprocessing [KSW74, MSB$^{+04}$].
Multiprocessor [FL75, KDH$^{+05}$, LDSY91, LRH$^{+02}$, MHI01, 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 [Sam78, SM78, DBK82, NT72].
Multistep [Ode87, LO72].
multithreaded [ABF$^{+10}$, BEKK00, CDD$^{+10}$, CJB$^{+15}$].
Multithreading [Ano05c, ABB$^{+15}$, MMM$^{+05}$].
multivalued [BP74].
Multivariate [Wat60a, BS69, OOL$^{+12}$, YR91].
multiwavelet [FBHJ04].
Muon [Kog89].
Muonic [Kog90].
Mutually [LF64].
MVS [ALS81, CHY92, SV92].
MVS/ESA [SV92].
MXT [AFP$^{+01}$, SAPT01, TFR$^{+01}$].
myocardial [LPPT86].
myofilament [HdTR06].
n [HC69, KO66, MG63b, BS69, BK67, LG63b, MN67b, SS87b, VM79, Wei65].
myofilaments [LB67, LDK97].
N-Alkane [VM79].
n-Ge [Bay69].
n-InSb [MN67b].
n-MOSFETs [LDSA02].
N-Queens [SS87b].
N-type [MN67b].
NACME [Gar00].
NAMD [KHZ$^{+08}$].
nam [AFCB94].
nanocrystal [MSG$^{+01}$].
nanocrystals [MSG$^{+01}$].
Nanolithography [UBK$^{+88}$, SS93].
nanomagnetic [Sun06].
nanoscale [ZVW$^{+11}$, HST06].
nanosciences [TH11].
nanoscale [ZVW$^{+11}$, HST06].
nanosciences [TH11].
nanostructure [DKK$^{+88}$, HST06].
nanostructures [HJS98], nanowires [SHCS05].
NaOH [PM72].
narrow [DKAC67, KM66, LC83].
national [Coh87].
natural [BUK88, Hei76, Leh78, O'C89, Pet76, Pla76, SFT78, CGS61, WN92].
natural-language [BUK88].
nature [BD62, MKP73, VMH$^{+83}$, Em88].
navy [Com83].
nb [HBL62, ZBL$^{+72}$].
nb-nb [ZBL$^{+72}$].
nb-zr [HBL62].
NChilada [LQRS04].
n [TCC89, YTF$^{+11}$].
Near [Coh87].
[DPR86, KG80, KO65a, Mee67, Pri60, Tau02]. Near-Field [DPR86]. Near-Ideal [KG80].
Necessity [Sch67]. need
[Agn02, BGS13, BH11, VRL10]. needles
[CCFB+12]. Negative [Bay69, CGH77, ET70, Goo62, HA58, MNS69, PB69, Rut59, Rut64, SGL+97, SNM69, CASP91, Pai69].
Negative-Resistance [HA58, Rut59]. negatives [CP91, CAS+91, CASP91, Pen91].
Nematic [YL98, LJ92]. neocortex
[DLJ+08]. neonatal [OOL+12]. nested
[HS91]. Net [Chi60b]. NetMessage
[AEH+04]. NetMessage-protocol-based
[AEH+04]. nets [Mat98, PS86]. Network
[Ahu79, CW77, Cve87b, HP84a, HS81a, Ho75a, HS81b, KP63, MHS62, Pal61, SL76, Sie63, SW83, Str81, Str83, Tid62, ABC+05, ABB+03, Ari69, BHE+07, DXZS13, FNY+10, HW72, HT69, LDJ+10, LSW13, LSZ+10, Moo72, OCB+90, ODA+08, PSP06, Rey69, SMS80, Sed67, SMT1, VJA07, ZSY+13].
network-attached [ODA+08].
network-centric [BCE+07].
network-optimized [LDJ+10]. networked
[QGT13]. Networking
[Whe88, DM03, DOJ+14, HSCG05].
Networks [Ahu80, Bra64, CHW75a, CHW75b, Cha67, Fra83, Fra87, HS85, MT77, MFT77, Moo60, RK75, Saa81, Al89, ATC+15, Bra68, EPP10, Glz97, HF91, Irv93, Ism00, Lam68, Lam77b, MMWL99, MM94, MDMN10, Pip87, RR69, SS82, SXW+13, ST89, SPS+06, WP11, WT91].
Neumann [AG72]. neural [MM94, WT91].
neuron [KSH+08]. neurophysiology
[TR77]. neurosynaptic [ATC+15].
neuron
[BEH+89, CP72, EHK+89, HHH+89].
network-scattering [BEH+89, EHK+89].
NEXAFS [CHL+11]. next
[ACD+15, DEG+01, EK08, FW08, JGD+08, KAB+05, OW00, WD94]. next-generation
[DEG+01, JGD+08, KAB+05]. Ni
[MMT60, Mid62, CW78, Dem78, LR65a, MFS+11, Mid65]. Ni-Fe [MMT60, Mid62].
Ni/Fe [CW78]. Nicholas [Don00]. Nickel
[AC63, BB60, Fr62, NRRB70, PBF60, AT00]. nickel-base [AT00]. Nickel-Iron
[BB60, PBF60]. Nicolson [Fla65]. NiFe
[Flu67]. NIL [SS87a]. nineties [Pul03].
Niobium [BMWL80]. NiS [HC70].
nitridation [He99]. Nitride [DA77].
Nitrided [HBB99, GLG+99, Luc99].
nitrogen [SHWK+90]. nitrogenous
[MFPJ71]. nitrones [YHA71]. Nitrous
[EB99]. NLP [KMC+11]. nm
[AWHK97, BRB+01, BFG+06, FAD+07, FCE+15, Ito01, IFB+11, KACS95, LBB+13, RFK+97, SS93, WNV+02]. NMP
[SIGT78]. NMR [CSS83, KIF+89, Lye77, LY83]. No
[Car60, ACG+87]. Noble [VGC79].
Nodal [Ho75a]. Node
[SL76, DRSM15, FRE+08, Irv93, WNV+02]. node-link [DRSM15]. Noise
[An066j, Bla63, Bla65, CCM65, DG84, El58, Fal70, Gar88, PL83, H/P65, Pri59, SA66, SW74, TK69, VSF65, DTTK95, EOH10, PAZ72, Tur69]. noise-predictive [EOH10].
Noiseless [Chi60a, Fra82]. noisy [Gr04].
Nominal [Bau63]. Nominal [IM57]. Non
[IS83b, LS76b, MT84, Roe66, Sch64, Sta67, BTWY92, CHdTG92, IS83a].
Non-Bandlimited [Sta67]. Non-ideal
[Roe66]. Non-Impact [MT84].
Non-Markovian [IS83b, IS83a].
non-normal [BTWY92, CHdTG92].
Non-Ohmic [Sch64]. Non-Stationary
[LS76b]. nonbinary [Dan82]. Noncoded
[CMP87]. Nondestructive [Gar64, Lew73].
Nondestructive [AH97, KJMS67, PC64].
Nondestructive-Read [KJMS67].
Nonexistence [CLW79]. noninvasive
[He90]. Nonlinear
[Bre72, ELMR77, GM63, Hau67, Key63, LC82, Mul67, RP67, BS71b, Bra72a, Can73, DHMP94, Dur70, Foe71, GMT2, GKE6, HA00, Lan60, Lee07, Mir61, Peh69, Wh72].
Nonlinearity [ON60]. Nonmetallic
nonvacuum

Nonsymmetric

Normal

Normalization

Notes

Nonparabolic

Observation

Obeying

Object

On-Chip

One

One-Dimensional

one-megapixel

onto

open-source

Open

open/short
Optic [BCC91, Gau77b, HS82, MMS05, BCR91, Gau77b, HS82, MMS05, MPD86, PS09, ALS81, Irv93, JDBP10, MMR89, MAA+05, Cal70]. Operational [Gar57, HFDN63, LCH74, Mag73, Mar64c, PR65, BP92, HD73, HSL+10, SBD+10, ZG71]. Operational [Col69a, MP67, BWT+14, DJK14, VOW+12, YMR14].

Optical [Col69a, MP67, BWT+14, DJK14, VOW+12, YMR14]. Optics [LC82, MPS77, RSS82, Zwe65]. Optimal [BJ67, Bud67, Chi60a, Her75, HS70, Kan74, LF77, Lew80, Low74, Mil83, MP88a, PH74, Rob67, BM68, EBD+95, FXL01, GB71, HSL+10, MD12a]. Optimization [BBH82, BDH83, Bou97, BMS80, Bra80, Cho74, Hal76, How82, Jur78, KLC84, LH03, MS75, PSW+07, SK80, SKK14, SMD80, Agr61, AAS+14, BCC+12, BKN10, BBH+95, BSJ+13, BGL07, BDHH+09, BR09b, CDSW06, Cor93, DXZS13, Gol69, GCFW07, HHSR96, KBA07, KKL+14, KSB07, Mey00b, MS07, NAR+07, Sel07, TYM+14, TGL+12, ZFG+11, ZFD+15, Pul07].

Optimizations [HS04]. Optimized [Bae74, MBF+13, BEE+02, FCE+15, LDJ+10, Mye72, Wei91]. Optimizing [Ada84, BGG+05, FHS06, LB07].

Optimum [vdp72, van72, van73a, van73b]. Optoelectronic [HVK+90]. Orbital [BBS78]. Orbiter [Soh76]. orchestration [AAS+14]. Order [El 74, Koz81a, Pet77, SM62, Swa57, Tri58, van89, Agi74, BMK+05, DBK82, Koz81b, Kri82, Sar97]. Ordered [HC70, JM64, DH03]. Ordering [Kus70, PFS+70, Sie70, Gup97]. orders [CIE+03]. ordinal [HE10]. ordinary [FW67]. Organic [BH79, DM01, GFW82, Lew78b, Mer78, MCK01, SS01, SL66, SL67, SLHM67, ARM+01, CA01, DVM81, DG93, HP01, RBB+01, Sch71]. Organic-inorganic [MCK01]. Organization [BMK+05, LH57, RR83, WY76, BBP72, Cor69, FR01, GA68, Gro90, Jee58, LH00].

Organizational [DSZ+12], organizations [VRL10]. Orientation [BTW62, Cam57, RSS82, DDSM92, WTS+11]. Oriented [FE75, LP75, Lom80, SGT78, Alf89, GGH+13, Pes71, RD12]. Origin [CGHK77, Kuh88, Cre81]. original [Lan96]. Originating [Dah63]. Origins [MS05, Mat95].

Orthogonal [HBC70, OG87]. Orthotropic [BBT79]. OSA [BEE+02]. OSA-Express [BEE+02]. Oscillations [BGS64, FP69, Gef88, Gun66a, SH69, WS64]. Oscillator [Ros59, Rut59, Las61, MW+07].

Oscillators [Net60]. Oscillatory [AW98]. Oscilloscope [GFS71]. OSI [FPS83]. Other [Ano57k, Ano57l, Ano57m, Ano57n, Ano58j, Ano58k, Ano58l, Ano58m, Ano59f, Ano59g, Ano59h, Ano59i, Ano60i, Ano60j, Ano60k, Ano60l, Ano61f, Ano61g, Ano61h, Ano61i, Ano62f, Ano62g, Ano62h, Ano63f, Ano63g, Ano63h, Ano63i, Ano66s, Ano66t, Ano66u, Ano66v, Ano66w, Ano67x, Ano67y, Ano67z, Ano67v, Ano67-27, CPD+09, NB61a, NB61b, WR83, Ano94r, Ano94s, Ano94o, Ano94p, Ano94q, Ano95i, Ano95j, Ano95k]. our [FvGM90].

out-of-order [BMK+05], outages [CHMWM07, MV1+07], outlook [GGK+13]. Output [BHHWW77, HW81, Sve78, TW62,
HB73, MN70]. ovary [NBF+00]. Oven [GMT57a, GMT57b]. Overflow [SL76].
overhead [EO13, Fla91, HS91, SKS06].
Overlap [Bra72b]. overlapped [AGZ94b].
overlapping [CN94]. Overlay [Rot80, BTWY92, CL86, MMWLN99].
Overlying [Lan85]. Overview [Ame80, BCC+05, Bro80, BKS+08, CAC+95, GBC+05, GCS+12, IBM08, Mat80, SPP+05, YS99, BGM90, CdLS92, DBC+05, FGB12, GR92, Oht95, PMLA88, Pen91, SAB+02, SRI96, TFJ+96, ZL97]. Own [CLP+13b, JKB+13]. Oxidant [LD74].
Oxidation [DJ70, KEJ87, Pli66, Hes99, MFS+11]. Oxide [BKM80a, Gar86, OG80, RF78, EB99, GLG+99, KMB+08, Lud00, RG90, SF93, VWJK11]. Oxides [Fre70, Hon70, RM70, BPL+89, HBC+99, HB99, KLF+89, LBT99]. Oxygen [HHB+89, MPCF82, Sha58a]. oxynitride [EB99]. Oyster [KW83].
P [Ber76a, IBM08, MB75, Wei65, Wie76, Lye77, PK61, BSO9, KO67, KLB84, Wei65].
P-N [BS99, KO67]. PACE [ET69].
Package [BB82, CHS82, Dav82, HCBA82, JH80, KMH82, BCK+05, CS84, KAB+05, KRT98, Pai72, CMS85]. packages [PGS+98, RBW93, Rub90, SMBK08].
Packaging [Att92, Bro80, BHWZ63, CBC+05, CHT+13, HW87, KLC84, KT84, PBC+04, SF81, STCR84, TBB+09, Wee79, WHK+09, AKRS04, Ano01c, BHH+15, BBF+05, CAC+05, DHH00, HPW+02, HDW+07, LFR05, PK88, SAB+02, SBC+12, TBB+15, VKLW14, WBB+04]. Packet [Str81]. Packets [MFT77]. Packing [KM77]. Packs [BT78]. Padé [Ris72]. Page [CFL73, AAH68, Ano58e, Bar68, Hat72, Hen68, KGT88, LS73, Bar75].
page-reference [KGT88]. Paged [FLW78].
pages [TSB09]. Paging [Bar73, BP74, TKG89, Tue76]. Pair [Cor84, HL83]. palmitate [VBM71]. Panda [Cmp87]. Panel [Ham78, Lan74, LS78, LCH74, PW78, RBC78, Wre83, Wym57].
Panel-Drilling [Wre83]. Panels [AST8, BMD+78, OP+78, O’H78, RP78].
Paper [Ast67b, Bay78, BS84b, CD78, Sve78, Lax67]. Papers [Ano57k, Ano57l, Ano57m, Ano57n, Ano57v, Ano57u, Ano58j, Ano58k, Ano58l, Ano58m, Ano59f, Ano59g, Ano59j, Ano59h, Ano59i, Ano60j, Ano60k, Ano60l, Ano61f, Ano61g, Ano61h, Ano61i, Ano62f, Ano62g, Ano62h, Ano63f, Ano63g, Ano63h, Ano63i, Ano64k, Ano64m, Ano64n, Ano65k, Ano65l, Ano65n, Ano65o, Ano66s, Ano66t, Ano66u, Ano66v, Ano66w, Ano66x, Ano67t, Ano67w, Ano67x, Ano67y, Ano67z, Ano67v, Ano67-27, Ano01c, Bos97, Buc99a, CP99, Grl92, Hau96, Keh91, Kuo99, McG92, Tro00b, Ano86b, Ano92a, Ano92b, Ano01n, GM60, Mar62, Par98]. Papers [Ano67g]. para [HKvG+11]. para-sexiphenyl [HKvG+11]. Parabolic [Pli66, Wid67]. paradigm [RCF+08]. Parallel [ABC+99b, ARG00, CP72, CCC+79, Cha79, CD85, Cve87a, CTT66, DK87, DMS+99, DGL+97, DEH+12, ECD+99, ET86, GPE99, Keh91, Kog74, Mir69, RGP+97, RK99, RMH+99, SSM97, SCC+97, SWC+97, SG99, VPS88, WMH+97, AGZ94b, ABG+05].
BSHM01, BHH03, BCR91, CBV08, CFK+91, CN94, CLJ+10, CNC+08, EG00, Fla91, JZ91, MKJ93, PMW06, RQBW08, Sar91a, SSW91, SNP06, STW+08, SZ91, VBC+08, ZEH+08, ABB+91, DP13]. parallelism [AGZ94a, HS91, LDS91]. parallelizable [SG94b]. parallelization [BBK+08]. parallelized [CJ91]. Paramagnetic [SG64, Tit63]. Parameter [FL59, LHW81, Rut59, TLR85, Twa77, EKTT90, GFS71, Hss94, Sta73].
Parameters [CCD57, GOJN77, Lei62, WF87].
Parametric
[BT84, KH88, LeB62, MNP*69, RP67, SBdF64, Tro80, MNS69, SNM69].
Phenomenological [O’H78]. philosophical [GHN04]. Philosophy [AST67a].
phonological [MC87]. Phonon [YWWK64]. Phosphorus [JD66, JD67, MFPJ71].
Phosphorus-Diffusion [JD66].
phosphorus-impurity [MFPJ71]. Photo [EHHP67, MC68, Gri69, MS89, OCT68].
photo-polymer [MS89]. photoablation [VDP94]. Photochemical
[GFHW82, PL79, VM79]. Photochemistry [BH79]. Photoconducting [Boe69].
Photoconduction [Cas71].
photoconductive [SG71].
photoconductor [Sch71]. Photocurrents [DA77]. Photodecomposition [Her66].
photodetector [KACS95]. Photoelectric [AC63].
Photoelectrochemical [Koh98].
Photoelectron [RF78, KWT*11, MPHC90].
Photoemission [Bru78, DV74, CBBS90, RG90].
Photographic [BT67, FaI70, ZG65].
Photographs [Har63]. Photography [BLLS79, MG62].
Photoinduced [GDR70].
Photolithographic [Sta84a].
Photolithography [Rot74, ATW97, Lin76].
Photon [BH79, Gar64, Lov79, MNR86].
Photoproducts [Her66]. Photoresist [DS77, Mid70b, SFD77, RKL88a].
Photoresists [AWHK97, PL79, SGL*97].
photothermal [vS98]. Photovoltages [Swa61]. Photovoltaic [Lew78b, Mer78].
Phr  [SFT78]. Phthalocyanine
[SLLP64, SL66]. Physical [Cor82, DHK*92, MM82, PK88, Pri58c, Swa60, AEZ84,
AAM*07, BBD*02, BAB*07, BHD*05, HHSW01, SGK04, WKP*02, CP91].
physicist [Tan96]. Physics
[CD85, Fri69, KN81, Kuh88, Bev69, CFL67, HST06, Mol69, Tan96]. Physiome
[NNN*06]. PI [Shi85, Kau81]. Pi-Donor [Kau81]. Picosecond [CBBS90, Hei90,
MPHC90, TKV00, RHJC73, WSBL90]. Picture [Sto91]. Pictures [Kan78].
[RR87]. Piezo [JJ64]. Piezo-Hall [JJ64].
Piezo-Resistance [JJ64]. Piezoelectric
[BBT83, Vie86]. pilot [ATW97]. Pins
HW87, PW83]. Pioneer [WM92]. pipe
[TMS98]. pipelined [EV93]. pipelines
[ZS03]. pipelining [KZP03]. piston
[GMZ92, Gre60]. pitch [KAB*05]. Pivoted
[SM63, BHHO59]. pixel [SS00]. PL8
[GHL*04]. PLA [Scha80]. Placement
[DKN87, HY84, Twa77, HSR906].
Placements [Don81]. Planar
[AA71, CL64, KO65a, KO66b, vM66,
ABK89, BGO03, SAK70, You90].
planarization [GPL*92, WDA05]. Planck
[HH88]. Plane [BC65, Blu79b, SM63].
Planes [BBC*64]. Planet
[Pal14, CRHPP09, Jen10, MVCW10, MI10].
planned [CHMW07]. planner [SG94b].
planners [GBJ*08]. Planning
[Buc62, Tay79, ABD*14, GCFW07,
JWW*11, KRTN*12, LB07, LSI14,
PKK07, SGS*96]. plans [HRS07]. Plant
[MW82, HHH70]. Plasma
[AS78, AHW*99, CK79, CNS*99, EM94,
Fon99, Gri99, Hes99, KOT99, Kuo99, Luc99,
MM64, OR92, RS69, BBH82, GMP90,
Ham99, MMJ99, Gnu99, ODK*99, VDP94].
Plasma-assisted [CNS*99, Hes99, GMP90].
Plasma-based [OR92]. Plasma-deposited
[Gri99]. Plasma-etching
[AHW*99]. plasmas [ETWO08]. Plasmons [Mor79].
Plastic [DH61, CF72, Pai72].
plastic-encapsulated [Pai72]. Plate
[CCC*79, Cha79, CASP91, DCRS07].
plates
[CP91, CAS*91, CASP91, MKJM93, Pen91]. Platform
[ZSY*13, BBE*13, DHG*14,
HKA*13, HSS*10, IBP*05, LRV*09].
AHHN11, FWR\textsuperscript{+11}, FPB\textsuperscript{+11}, RAG11, SRL\textsuperscript{+11}, SKS\textsuperscript{+11}, WBD\textsuperscript{+11}, ZFG\textsuperscript{+11}.

**POWER7-IH** [RAG11]. **POWER8** [CNV\textsuperscript{+15}, DFF\textsuperscript{+15}, LGW\textsuperscript{+15}, MPP\textsuperscript{+15}, PMV\textsuperscript{+15}, RES\textsuperscript{+15}, SLA\textsuperscript{+15}, SSN\textsuperscript{+15}, SVE\textsuperscript{+15}, SSD\textsuperscript{+15}, ZFD\textsuperscript{+15}]. **PowerNP** [ABB\textsuperscript{+03}]. **PowerPC** [Wal05, BBH\textsuperscript{+95}, BCJ\textsuperscript{+96}, BEKK00, BBGP94, HFF94, JOS96, KMH\textsuperscript{+98}, LR97, NCB03, OW00, SLC\textsuperscript{+97}, SBP\textsuperscript{+03}, VMM\textsuperscript{+94}].

**PowerStorm** [GH96]. **PowerPC** [Wai05, BBH\textsuperscript{+95}, BCJ\textsuperscript{+96}, BEKK00, BBGP94, HFF94, JOS96, KMH\textsuperscript{+98}, LR97, NCB03, OW00, SLC\textsuperscript{+97}, SBP\textsuperscript{+03}, VMM\textsuperscript{+94}]. **PowerNP** [ABB\textsuperscript{+03}]. **PowerPC** [Wal05, BBH\textsuperscript{+95}, BCJ\textsuperscript{+96}, BEKK00, BBGP94, HFF94, JOS96, KMH\textsuperscript{+98}, LR97, NCB03, OW00, SLC\textsuperscript{+97}, SBP\textsuperscript{+03}, VMM\textsuperscript{+94}].

**PowerStorm** [GH96]. **Practical** [Rog66, WMK\textsuperscript{+07}, HRW69]. **practice** [KSB07, Wal86, WBT\textsuperscript{+10}]. **practices** [Mal13, PP09]. **pragmatic** [WN92]. **Pre** [And73, TWM\textsuperscript{+14}, CBV08]. **Pre-Emptive** [And73]. **Pre-release** [TWM\textsuperscript{+14}]. **pre-stack** [CBV08]. **preamplifier** [KACS95]. **Precipitation** [JD67, MPCF82]. **Precise** [Hua79, KKS\textsuperscript{+73}, San83a, THL85]. **Precision** [RSL\textsuperscript{+70}, MR72]. **Predicted** [MW79]. **Predicting** [Bry75, VMS\textsuperscript{+14}].

**Prediction** [Doo83, KB74, BC00, EHLSW01, HHR99, RQBW08, SJZ\textsuperscript{+15}, TMS\textsuperscript{+01}]. **Predictive** [GCPVG85, AHN\textsuperscript{+03}, BK74, EO\textsubscript{H}10, KB74]. **Preface** [AS06, Ano57t, Att92, BSD09, BR09a, BFM10, Bos97, Bra05, Bra03, Bu99a, Bj06b, CP09, CR9H12, CGR05, CS02, DF598, DA04, DS03, DLN14, Don90, Don92, EJ03, Far91, FHN\textsuperscript{+07}, FHL\textsuperscript{+14}, FS05, GP06b, Gar00, Goo99, Gri92, GP09, HI06, Har01, HPW11, Hau93, Hau96, He901, HHR08, HFF94, HNR\textsubscript{C}07, Hor93, Hor90, HO\textsubscript{96}, IK00, Jor04, KN08, Keh91, Kni08, Kog94, Kos15, Kua95, Kue90, Ku999, LCB93, Lip92a, Log00, LMCW10, Man97, May90, McG92, MW09, MCH97, Min90, Mit94, NHH91, Opr03, Pal14, PWW13, PD10, PMV15, RM10, RS\textsuperscript{14}, RR02, Rit13, Sch07, Sch04, STCRC84, SGESR10, SNB\textsuperscript{+09}, Soi13, SS15, Soi02, SCR\textsubscript{C}01, Ten05, Tro00b, TH11, Tur02, Tur07, Vay12, War93, Wes90, WR95, Wil09, WCR\textsubscript{C}10, WH94, You57, ZSF96]. **prefetch** [AGZ94c, BCK13]. **Prefetching** [CP97, EHP05]. **Preliminary** [JC63].

**Preparation** [DO74, Moh70, SG77, YHA71, OS99]. **Prepared** [DH83]. **preparedness** [PKXK07]. **Prescribed** [CS65a, Rem67]. **Presence** [Ell85, HC78, KWB88, Rad62, Lom77]. **Present** [Har81, Bar62, KLR\textsubscript{S}06, SLK\textsuperscript{+97}, Sor79, Sor00]. **preservation** [RCF\textsubscript{N}\textsuperscript{+08}, RCF\textsubscript{N}\textsuperscript{+08}]. **Preserving** [Irv89]. **President** [Age04, Age05, Age08, Mal13, PP09]. **Presilicon** [JB66]. **Pressure** [BMC86, MNP\textsuperscript{+69}, SAL63, Swe62, SR71]. **Pressurized** [BT78, BF79]. **presilicon** [JB66]. **Pressure** [BMC86, MNP\textsuperscript{+69}, SAL63, Swe62, SR71]. **Pressurized** [BT78, BF79]. **pretty** [Fre04]. **PREVAIL** [DEG\textsuperscript{+01}]. **Preventive** [Ada84]. **Previous** [Ano57t, Ano58g, Ano58h, Ano58i, Ano58j, Ano59e, Ano60f, Ano60g, Ano60h, Ano61e, Ano62d, Ano63e, Ano66g, Ano66h, Ano66i, Ano67h, Ano67i, Ano67j, Ano67k, Ano67l, Ano67m]. **Pricing** [Low74]. **Primary** [LMHM96]. **Primitives** [Woo87, CMI\textsuperscript{+10}]. **Principal** [Kan78, SM78]. **Principle** [Bar80]. **Principles** [GHK67, Hoh78, Mal13, Wal86, BTP\textsuperscript{+90}, CP91, Gyo98, PMLA88, PP09]. **Print** [Car77, CEY84, ELZ79, Hen83, Pre66, Sta97, SW90, Zab79, CFW82, KL63, ZH89]. **Print-quality** [Sta97]. **Printed** [BDW83, BAH82, GHK057, Has62, Has66, LDL84, Man85, Ser82, STCR84, Wal58, Wym57, ABM88, BBMP92, Cha88, DDMS92, GA88, HM71, Pau89, Whi93, WGC93]. **Printed-Circuit** [BDW83, BAH82, Ser82, Wal58]. **printed-circuit-board** [ABM88]. **Printer** [ABB\textsuperscript{+85}, AE77, BS84a, BHR77, BCD\textsuperscript{+85}, Bro78, BHWW77, CD78, Car77, FBW77, FLR77, GT87, MR79, NK81, Sve78, Twa77, Zab79, W78, WST2, ZH89]. **Printers** [BS84b, CEY84, Hel79, ZL87, Sta97].
DG+92, EV93, HOWP92, OW00, SLC09].

**procurement** [GSAB93]. **Produced** [Hut74]. **Product** [Cle83, KB06, SMD80, BMT+90, BKPS82, EBD+95, Fil70].

**Product**-representative [KB06].

**Production** [DBG+84, DKRS07, DS65, GAC85, Kov59, WWK+87, DBG+90, LMHM96, MS89].

**Productivity** [FT80, LKL+81, SMD80, LRMT95].

**Products** [Ada84, Wes90, DKRS07, EGH+96, GSAB93, LCHL95, Man90, Pat89].

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

**Profiles** [JD66, KP80, KRC68, MFPJ71, Okt69, Pai72, PL73]. **Profiling** [CW78].

**prognosis** [SLK+97, SSB+12].

**Program** [Bar73, Bon62, BCGS81, Chi86, DBG+84, DKRS07, Don80, Fer75, FE75, FGS75, GHP+85, Knu90, OHM+85, Pad75, Pri07, PS09, RR83, ABL+84, BBF+04, BCGS00, CDSW06, Col99a, Hat72, Hei94, KN91a, KSL95, LFF90, MS96, PBBL07, Sar91a, Sed67].

**Programmed** [ET69].

**Programmer** [LR97].

**Programming** [DLW86, Wei79, Wool5, HAMC+04, MMWLN99, Mey81, MZS+03, SKP06].

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

**Programs** [CD85, Dor60, Fer75, Jee58, KSW74, Kru84, NSS58, SK80, Urs75, ABF+10, Aus90, CJ91, SSW91, Sta89a, SZ91].

**Progress** [HCTS81, JS81, GNF06, 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, MHD98, Mid70b, SW98, DEG+01, MAD+98, RDD+98, SST+98, SS90].

**Projections** [WMS1, O’C89]. **Prolog** [Arb86, AKE+92]. **Promoting** [LH03].

**promotions** [SMSC14]. **Proof** [CL79, Dan60, Knu90, PV93, Gil60].

**Proofreading** [TNSF88]. **Propagation** [Bay69, Bei74, BT84, Car60, CS65b, GM63, JH80, JHH+81, Mul67, Sat63, WS64, DKE+90]. **Properties** [Ahn66, Arm65, Blu79b, BMJO80, BS64, CP86, Dav77, DH83, Dim70, Flu67, FN95, Gun66a, Gun66b, HK64, HM60, KF79, Key61a, KL80, K164, Log70, Lud78, MU77, MY67a, MY68, Mil83, NBRB70, OMAW60, PDL67, RS59b, SD85, SmI77, SG77, STF77, Wei65, Wol70, Von70, AF68, AW98, BS72, FL89, How89, KLS+05, Kri82, Mat70, Pan89, Pri73, RDD+98, Spr71, SN98, SHCS05].

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

**prospects** [Agn02, NHKI03, SKB+11].

**protected** [Irv89].

**protection** [BFH+93, GDA14].

**Protein** [KWN01, EHLSW01, RQBW08, TMS+01].

**proteins** [FXL01].

**Protocol** [WZ78, Wes78, AH+04].

**proton** [SZS96].

**Prototype** [MHI98, FGP+85, KFB+97, MAD+98].

**Provides** [Ost84].

**Providing** [FP83].

**Proving** [Bir74]. **provisioning** [GJB+08, LSL94, SBB+09].

**proximal** [MTF+95]. **Proximity** [GSC80, Par80, PS08, BGK+82, GC93].

**Proximity-Effect** [PS80].

**PS** [AH+91].

**PS/2** [AH+91]. **pSeries** [BKRF02, BGRJ05].

**Pseudo** [Ano66j, Bla65, CCM65, Meg62, VSF65].

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

**Pseudorandom** [RB90, RT99, AEG+02].

**pseudorandom-number** [AEG+02].

**Pseudoternary** [Croom70].

**PSG** [KH75].

**PSI** [Bar75, FLKL64].

**Pt** [DVM81, Dem78, HBR85, HBR86]. **Public** [Kov06].

**publications** [Ano90c, Ano92e].
Pulse-Slimming

Ano67y, Ano67z, Ano67v, Ano67-27.

Ano63h, Ano63i, Ano66s, Ano66t, Ano66u, Ano60l, Ano61f, Ano61g, Ano61h, Ano61i, Ano58k, Ano58l, Ano58m, Ano59f, Ano59g, Ano59h, Ano59i, Ano60l, Ano60j, Ano60k, Ano60l, Ano61f, Ano61g, Ano61h, Ano61i, Ano62f, Ano62g, Ano62h, Ano63f, Ano63g, Ano63h, Ano63i, Ano66s, Ano66t, Ano66u, Ano66v, Ano66w, Ano66x, Ano67w, Ano67x, Ano67y, Ano67z, Ano67a, Pulse [Dod63, Gar64, LS64, PL83, SFH65, SKo58, GFS71, Shi73]. Pulse-Slimming [Dod63].

Pumped [CCM65, Key70]. Pulses [Hem74].

pump [BR09b]. pump-scheduling [BR09b].

Pumped [SCHL66, HA71, SLHM67]. purchasing [YGR14].

Pure-Tone [MN67a]. Purpose [Tay81, ATL+88, DAUS91, Gra69, LHS45].

pursuit [LQR64]. Pyrolytic [Kle64].

Pythagorean [Dub83, FS90, MM83].

Q [MP88a, MP88b, PMLA88, PM88].

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

Qbox [Gyo98]. QC [BCK13]. QCDOC [BCC+05]. QCDSP [BCC+05]. QR [EG00].

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

quadratic [Ger73]. quadrature [MR72].

quadratures [MY65].

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

quantification [Gil60, MWEJ05, Mon82b].

quantifying [QGT13]. Quantitative [KM74, BNN+09, MS07, PWF89].

Quantities [El74, Agi74]. Quantization [GS70, LBT99]. Quantum [Az88, CGR88, F88, Gar88, Gia66, GMW80, Heb64, HH04, HMK01, SB64, Who88, WS64, WA79, ALH95, BHM04, Gou89, Joz04, Pri66, Sho04, Sno04, VBC+08].

Quarter [HCTS81, JS81, HBP+81].

Quasi [GM93, Rat68].

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

 quasi-steady-state [SBG+71].

Quasidynamic [Cha62]. Quasimaximum [Sta73]. quasiperiodic [HM89]. qubits [Woo04].

Queens [SS87b].

Quenched [LF64].

Query [ADST78a, STF78, ADST78b, BYY98, NMFT14].

Querying [EWBR09].

Question [LPM+12, Pla76, KBP+12].

Question-Answering [Pla76]. Questions [Ver88, Fre04, BBC12].

Queue [Cal81, Cha74, GS75, Low74, BZ06a, Sta75].

Queueing [CH75a, CHW75b, CMS85, HWC75, Lam77b, LS75b, Sua81, Sch63, BGK62, SNS80].

Queues [Cha75b, SS82].

Quickly [BD96].

Qx [SM98].

Qx-coder [SM98].

R [HRW87].

R-fields [HRW87].

Radar [van77, MMJ69].

Radially [BBT83, PH81].

Radiant [NGM57].

Radiant-Energy [NGM57].

Radiation [HD69, Hir77, Dav69, TMF+08].

Radiative [HC78].\end{quote}{\small \textit{Radical}} [MD12b]. Radii [Hut74].

Radio [CCM65, SH75a, CS03].

Radio-Interference [SH57a].

Radioactive [VGC79].

Radioisotopes [Spr61].

Radiotracer [BC60c].

RAID [HDB08].

railroad [VJA07].

raindrop [AKK+12].

RAM [NHK80].

Raman [RSS88].

RAMs [FT80].

Random [DGS84, EL83, Erd88, Her65, LHL75, LST80, ND57, Pet57, SM71, W77, CTT91, Don74, DMR+81, FR01, LBB+13, MDB+02, ND00, RBB+08, WLE89, LH00, ND00].
Rectangular
[Coo82, MS60b, PH74, WWMS79, Jon72].
Rectification [MG62]. Recurrence [Kog74]. Recursion [Gus97, EG00, GJ00]. Recursive [Goz94, Her72, HWC75, Pis74, Ris72, Str68].
redistribution [TKK+92]. Reduced [BBH+95, Kri82]. Reducing [CHMW07, WF87, GB93]. Reduction [ADH70, AdH00b, Bla63, CM80, DGB84, DGB78, FC79, GT80, Kob70, She59a, TLR85, Vlb82, BZ06a, Bev69, FDS+13, Gre59, Hei80, LL99, TW69]. Redundancy [BR82, Fle58, LV62, Skl76, SMD80, BBI94, Gla97, Irv89, Irv01]. Redundant [FT80, HBB+07, MLMP+12, MWW+07].
Reengineering [GE02], reentry [MMJ69].
References [FGS75, Lom75, BGW91]. refill [SLYR72]. Refinement [MR87].
Reflectance [PF70], reflection [HS71, MS89, Rab69, vHv89]. Reflections [Gol87, MJJ69]. Reflective [SW98, CU98, RDD+98, SGT+98, SS00, YL98]. Reflectivity [Heb64, PW68]. Reflector [NGM57]. reflow [Mah93, Mil69, Mil00]. Refractive [PL81, PC64, WL73, BGO03].
regarding [Tu90]. Regenerative [HS85, LS75a, LS75b, SS82, LS77]. Regime [Gef88, BFG+96, SWC+95]. Region [MWN63, Sha58a, Bra72b, Les71]. Regional [Lew83]. Regions [RF78]. Register [Bea74, CT76, BMK+05, Gsu76a, Gsu76b]. register-renaming [BMK+05]. Registering [RWC80]. Registration [DMWW77, Dav80, Pri94, RG09].
Regression [Lew78a]. Regular [Ano01n]. Regulation [BDMW81, DPR86].
regulations [CNG09]. Regulatory [Pea09]. Reinventing [JWZ+09, ODA+08]. Related [RP67, SARG80, Smi77, WB70, FL89, Gri99, JS00, Keb89, KFSZ92, MNS69, SNM69, WL73]. Relation [Ben59, MJS70, Mic78, WKF+12].
releases [MV1+07]. Reliability [DW58, FCS+04, Fle58, FL59, FGH+06, HBB99, HCTS81, LV62, NL69, Ohb84, OG80, Sta02, ABC+99a, Buc99b, CGLL93, CAY+15, Lee03, LH84, Luc99, MSSM07, MCH+82, YCB05]. reliable [ACD+15, CDC96]. relief [Cha69].
Representation [Far87, Gro76, Hol78, Pic87, AO97, BW81b, GLS86]. representations [FTY83, MN09, Oht95]. representative [KB06]. Representing [FSS89]. reprint [Lan96]. reproduced [MS89]. request [KJS09, Pla76]. requests [Oha10]. required [GE02]. Requirements [Cro79, GKY99, MR76b, Agn02, JS89, LFR05, LSZ+10, RBB+02, SPP97]. requires [KSA+04]. Requiring [Car60, WR83]. Res [ACG+87, Ano93c, Ber76a, DCD77, Lan96, Sta75, Wie76]. Research [Age04, Age05, Age08, Ana80, BYY98, Che06, Che08, Coo82, Gar00, Mar62, NRD+09, Nor58, Ros03, TFJ+96, Tsu80, WH94, AG06, Ano62e, BF69, Far98, GLS14].
Jee58, LH03, MDH+12, McC09, Nic92, OMA+96, SXYP12, CMS85, DR08, LH03.

Reservoir [ET86, RBL+09]. Residual [Cas69, Fre62, KDBT60, SC88, Ano71].

resilience [BSK+08, QGT13, SKK+08].

resiliency [EDGL+13]. Resilient [SHV13, BGS13, PWW13, VAB+13]. Resin [MS60a, GA88]. Resist [Gil84, KP80, See93, CH82, Duk93, HMM82, Ito01].

resist-patterned [Duk93]. Resistance [HA58, IM57, JJJ64, Lit62, Ros78, Rut59, Rut64, Sak79, SS88, KMB+08].

resistance-change [KMB+08]. Resistive [ABB+85, BCD+85, CS85, Gru79, LM85, LeB62, PC85, RP67, SD85, Twa85, WWMS79, DKA+05]. Resistivity [KDBT60, SC88].

Resistor [CP63, Ove70, Kah71, KM68, RHC73].

Resistor-Coupled [CP63]. Resistors [KL80]. Resists [MW80a, BLDM97, HHSW01, Ito97, Ito00, MAG+01].

Resolution [BJ880, Bro88, DC82, Gar86, Hoo88, JWL82, KKK61, Kra81, LY83, SW89, Sie63, Bat00, CHdTG92, LPPT86, Li98, LMW+01, MBB+01, PGN88, SST+98, TPC+13, UBK+88].

Resolved [BLLS79].

Resonance [DV64, SOC59, SG64, Tit63, Mhe89, Var89].

Resonant [Fan64, Pre66, Roe66].

resonator [KM93]. Resource [ADG+05, FBG12, MBA+12, RKM902, Sau81, YSH12, BM96, CCFSZ12, HS11, MC09, MN07, SGK04].

Resources [KW76, MWL+14]. Resistor [AS87].

Response [ALL77, Ber64, Ch3a5a, ELZ79, Re69, Rei66, RR69, SY73, SWD74, vS57, HS11, JCO0, KT70, TYM+14]. responses [BS06], responsibilities [DYK10].

REST [Oha10]. Restricted [Fra79, Fra80a].

Restructuring [LSH76, Hei94]. result [Lam77a].

Results [FC63, RS67, BS71b, Fh91, FL89, KN91b, SPP+05]. retail [MHR+15, RM09]. retention [NCM+01].

Rethinking [ABD+14]. Retrieval [JM64, SY73, CBK+98]. retrospective [WCT06]. reuse [BSRM99, WMK+07].

revenue [AYA14]. Reverberation [MN67a]. Reversal [CDH64, DP59, Hop61, Mid62]. reverse [PLK09], reverse-acceleration [PLK09].

Reversibility [Ben73, Zhu01]. Reversible [Ben88, Ben00].

Review [Bar62, BRB+01, CH84, MW67, NHK93, O081, PC85, RR83, SC81, Bag94, DM01, Duk90, FL89, Lax67, Sta89b, van89].

revision [BBSW97]. Revisited [SS88, Shn94]. Rework [Doo83].

Rewritable [AFF96]. Reynolds [Mic59]. rf [DAC+03, HNS+03, KM00, GMP90, KP79, KM70, Log70, LMD70, MU77, Maz70, Pen09, Pen79, PDLM07, SK09, SJ70].

RF-spattered [U77]. rf/analog [HNS+03]. RFD [RM09]. Rheology [Was77, FGMPK05]. rhodamine [HA71].

Rib [Ham78]. Rib-Supported [Ham78].

Ribbon [ABB+85, Bay78, BCD+85, CS85, Hei79, LM85, PC85, SD85, Twa85].

Rich [KEJ87]. Righi [Pri58a]. Righi-Leduc [Pri58a].

Ring [BS85, Fan61, TK64, HHA93, OCB+90, WSK+93]. ring-disk [HHA93].

Rings [CGR88, Str83]. Rio [TCP+13].

RISC [BGM90, FAJ+94, Gro90, HM90, Mar90, MHR90, OG90, RB90, War90, Aus90, BCJ+96, BS95, CMR+90, CM90, CM00, WD94].

Rise [Lin67]. Risk [GSA93, LSS14, RM10, BKN10, CKE90, EPP10, FM10, HS14, HE10, KOP14, MR14, MS07, RAR+14, SBD+10, Yas07, vKCD+10].

Risk-based [LSS14, MS07]. risk-metric [FM10]. Risk-pooling [GSA93], risks [BC00, Jen10, SP14]. Ritz [BS72]. river [EWRB09, KCH+09]. RKKY [Kuz70].

RKKY-Type [Kuz70]. RNA [BD62].

Roadrunner [KGBB09]. roads [BCSE89].

Robin [Tak87, WC75]. robotics [Kis96]. robots [Mey81].

Robust [WLB+15, ATW+08, NCM+01]. rock [Mon82b]. Role [Ast58, AAC+06, BJ06a, Far98, GMX14, Tur69, Van97]. roles
[DYK10, KLRS96]. Room [BN63, JWSP06]. Room-Temperature [BN63, JWSP06].
rooms [Fro71]. Root [Kog59, Mir69, Dan66]. root-locus [Dan66].
Roots [Che72, Jam89, MM83]. Rosetta [RQBW08, rotated [Rat68]. Rotating
[BT78, FT77, Gre79, DR93, HHA93]. Rotating-Head [FT77]. Rotating-Head/Tape
[FT77]. rotation [Kel89]. Rotational [She59b, Les71]. Rough [GH86]. Round
[Tak87, WC75, EC71]. Round-Robin [Tak87, WC75]. route [SG94b]. router
[HTH+09, PVDF95]. Routing
[Fra83, Hais85, HHSR96, KJS09]. Row
[McA83]. Row-By-Row [McA83]. Rowe
[RP66]. RP3 [BCR91, CJ91, KN91a]. RSP
[Rub82]. Ruby [LLL84]. Rule
[EP86, Dor82, Tih93]. Rule-Based
[EP86, Tih93]. Rules
[Pet77, LS77, MC87, MR72, vv86a]. Run
[Fra70, KLi97, WGS04]. Run-length-Limited
[Fra70]. Runge [War63]. Running
[TWX+10]. Runtime
[CLP+13a, FDS+13, EO13, KR1+14].

S [ABC+99b, ABB+99, CP99, DSM+99, GPE99, MAF+99, RGP+97, RKW99,
SWC+97, SG99, WMH+97, GP81, CS99, DGL+97, ECD+99, Gre97, HBL+99, J9L99,
KBM+99, KLi97, Mau97, RHM+99, SSM97, SK99, SSSC+97, SMK+99, TMB+99, Van97,
WL97, Webo00, WB70, YS99, ESW+95, GLO95]. S/390 [ABC+99b, ABB+99,
CP99, DSM+99, GPE99, MAF+99, RGP+97, RKW99, SWC+97, SG99, WMH+97, CS99,
DGL+97, ECD+99, Gre97, HBL+99, J9L99, KBM+99, KLi97, Mau97, RHM+99, SSM97,
SK99, SSSC+97, SMK+99, TMB+99, Van97, WL97, Webo00, WB70, YS99]. Safe
[COC61, Gau77b]. SAFEPRO [OHM+85].
SAGE [AHJ+57]. Sales
[BCC+12, TWM+14]. Sales-force
[BCC+12]. Salesman [HHJW84, Ray69].
saliency [ATC+15]. salute [FvGM90].
Samarium [SS61]. Sampled
[GHK67, KST58, Sta67]. Sampled-Data
[GHK67]. Samples [DO74]. sampling
[Sch96b, Wie90]. Samuel [WM92]. SANS
[DBC+06]. Satellite
[An66j, Bla65, CR76, MG62, PL77, RS79]. satisfying
[RMM03]. Saturation
[SM66, TT75]. Sb [BS84]. SBC [CGL93,
Cor93, GLC93, Mah93, RBWH93].
scalability [AAB+10, BZ06a, WYTO04].
Scalable [EFR+05, KHZ+08, SXW+13,
SBB+09, WPL+12, CGM+15, Gyg08, Has98,
HSS+10, NMH+07, RBB+08, VBE94].
Scalar [ACG+86, ACG+87]. Scale
[BSS82, BBH+67, CD85, CP77, Mic78,
Mon82a, ODA+08, TLR85, AG06, APOI92,
DLJ+08, Duk93, Dör94, ETW08, FGG+13,
GGK+13, HDT06, KJS09, LSW13,
NMV+09, RBB+02, RBB+11, SCC+15,
So13, TSH92, ZSY+13, CAS+91]. scale-out
[AG06, FGG+13]. Scaled [Lev77, OKH+02].
Scaled-Up [Lev77]. scales [HE10]. Scaling
[ABB+08, Buc99b, DT08, FRE+08, Agn02,
AAC+06, CFW82, Fra02, HND+06,
MDB+02, Now02, SWC+95, TMF+95,
Tav02, WNV+02, An06b]. scan
[BTP+90, CNS12]. scan-initialization
[CNS12]. Scanlaser [MP67]. Scanned
[McA83]. Scanner
[Bra80, Cla79, DS82, Kan78]. Scanning
[AMGC86, APS86, An86c, BMC86, BR00,
CW86, DHTW86, DV74, DPR86, FF86,
Fu86, Gar86, GH86, Gem86, HBR85, JKL86,
KWB88, MHK+11, Pet80, Poh86, SB86,
WKB+86, vv86b, All00, HBRST2, BNT86,
DAB+97, Dör94, Far82, HBR86, KKT+95,
Poh95, Sto91]. Scatterers
[Lan88, Lan57, Lan96, Lan00b]. Scattering
[Dat69, FT64, Hun59, Kra81, Pen79, Poh79,
RSS82, Spe69, Tie61, BEH+89, CJ78a,
Copp00a, EH+89, Haa70, JSo00]. scenarios
[PPA+15]. SCEPTRE [Se67]. scheduled
[MV1+07]. Schedules [FL75, LF77].
Scheduling [AS74, FL76, GAC85, Her75, LS76a, Nor58, Tak87, Wit85, WC75, BCE+07, Bla94, BR99b, CSW73, FW83, FN95, GR90, HS91, LMHM96, VJA07, War90]. Schema [CA84].

Schottky-Barrier [DS70, Mid70a, Wol70].

Self-Improving [FE75].

Self-Service [Tag09].

Self-Registering [RWC80].

Self-Testing [EL83, HMP90, RB90, Sar91b].

Self-Test [EL83, HMP90, RB90, Sar91b].

Self-timed [HBL+02, HBL+02].

Seller [Sav69].

Semiautomatic [Kel91].

Semiconductor [Aic84, ATT92, BHV85, BKP82, BC81, CDD82, CH84, FLC85, FF86, HMOS81, HMO81, Han57, Har81, HCBA82, Hoh78, Hor62, KHH82, LB85, Mar64b, PH79, RTL69, RHM63, RWL81, Yu61, Aas70, AHW+99, BNT86, BRB+07, BCGS00, CNS+99, KM68, LLPF90, LLF+92, LRMT95, LDT2, Mar79, MCH+82, ORT+96, Pri73, Ros99, TAN96, TMF+98, Tib93, TWF90, Vin81, Vur70, WL73].

Semiconductor-related [WL73].

Semiconductors [Ad70, Bar69, CFG64, ET70, Fri69, Gun64, Gun69, HM60, KN81, Leh64, Met70, Pri85b, SH69, THv70, WH70, Zar57, Ano70b, BBL+99].

Segment [Ber76a, WW75, Wie76, Bou97].

Segmentation [HM71, Dan82]. Segments [Lew83]. Seismic [Gaz78, GRSW86].

Selected [DP13, How89]. Selection [BHR77, HHM66, Sea58, TLR85, Sar97].

Selective [GBBM90, RS79]. Selectric [Wii85]. Self [EL83, FE75, GRT74, HBL+99, HBL+02, HO75b, OCB+90, RWC80, Sea57, SWD74, TDM+87, TH64, Whe88, BRB+07, HSL+10, HMP90, KS90, RB90, Sar91b, Shi73, Tag09, Vor71, DBC+06]. Self-Acting [SWD74]. Self-Adapting [DBC+06].

Self-Aligned [TDM+87].

Self-approximate-optimal [HSL+10].

Self-Clocking [HO75b, Sea57].

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

Self-Improving [FE75].

self-isolation [Vor71].

Self-Magnetic [TH64]. Self-Registering [RWC80].

self-service [Tag09].

Self-Synthesized [Whe88].

Self-Test [EL83, HMP90, KS90, RB90, Sar91b].

Self-testing [OCB+90].

self-timed [HBL+99, HBL+02].

Seller [Sav69].

Semantic [SW86, Al89, SCC+15, WN92].

Semantics [FLDC86, Luc81, SS87a].

Semi [OG80].

Semi-Recessed [OG80].

Semiconducting [Pea69].

Semiconductor [Aic84, ATT92, BHV85, BKP82, BCGS81, CDD82, CH84, FLC85, FF86, HMOS81, HMO81, Han57, Har81, HCBA82, Hoh78, Hor62, KHH82, KMCY82, LB85, Mar64b, PH79, RTL69, RHM63, RWL81, Yu61, Aas70, AHW+99, BNT86, BRB+07, BCGS00, CNS+99, KM68, LLPF90, LLF+92, LRMT95, LDT2, Mar79, MCH+82, ORT+96, Pri73, Ros99, TAN96, TMF+98, Tib93, TWF90, Vin81, Vur70, WL73].

Semiconductor-related [WL73].

Semiconductors [Ad70, Bar69, CFG64, ET70, Fri69, Gun64, Gun69, HM60, KN81, Leh64, Met70, Pri85b, SH69, THv70, WH70, Zar57, Ano70b, BBL+99].

Self-Testing [OCB+90].

Self-timed [HBL+99, HBL+02].

Seller [Sav69].

Semantic [SW86, Al89, SCC+15, WN92].

Semantics [FLDC86, Luc81, SS87a].

Semi [OG80].

Semi-Recessed [OG80].

Semiconducting [Pea69].

Semiconductor [Aic84, ATT92, BHV85, BKP82, BCGS81, CDD82, CH84, FLC85, FF86, HMOS81, HMO81, Han57, Har81, HCBA82, Hoh78, Hor62, KHH82, KMCY82, LB85, Mar64b, PH79, RTL69, RHM63, RWL81, Yu61, Aas70, AHW+99, BNT86, BRB+07, BCGS00, CNS+99, KM68, LLPF90, LLF+92, LRMT95, LDT2, Mar79, MCH+82, ORT+96, Pri73, Ros99, TAN96, TMF+98, Tib93, TWF90, Vin81, Vur70, WL73].

Semiconductor-related [WL73].

Semiconductors [Ad70, Bar69, CFG64, ET70, Fri69, Gun64, Gun69, HM60, KN81, Leh64, Met70, Pri85b, SH69, THv70, WH70, Zar57, Ano70b, BBL+99].
semilinear [Ger73], Semimetals [CFG64, MM64], Semipermanent [FMP61], SEMM [MS96, Tan08], SEMM-2 [Tan08], Senior [Don00, San12], Sense [Gra80], Sensing [Blu88], Sensitivity [Bud67, GOJN77, Ho75a, VCP80, JCO0, Sch71], Sensitometry [SSL73], Sensor [Ber76b, SVNH13, Vin81, WP11, RBB+11], Sensors [KW76, Ibe03], Sensory [Mey81], sentence [MMUS88], sentences [VPD88], separated [FW67], separating [Bar82], Separation [FL74, Pl66, TC63], SEQUIL [CAE76], Sequence [Eas86, Fra70, Bir01, FRPG01, Goz94, Mas97], Sequence-State [Fra70], Sequences [BBD63, Mi83, LS73, Ris72], Sequential [But88a, Cha75b, Eic65, Jel69, LS77, WT77], Serial [KSW74, Zab79, EG00, ESW+95, FMP+03, JMP96], Series [But88a, LS76b, BFRT13, OOL+12, Yet89], Server [CP99, Cha75b, Cho75, DSM+99, Des02, DGL+97, ECD+99, RHM+99, SC75, SSM97, SCC+97, SWC+97, SG99, VLT+12, WMH+97, BIK+05, CRM02, Gre97, IFB+11, Kuh98, LRV+09, NCM+01, SA98, SN02, SKS+11, SBC+12, WHK+09, WNW+10, ABB+91, Kis03], Server-class [VLT+12], Servers [RG97, AAM+07, BEKK00, FK+03, KPT+02, KEL+00, Moo72, NMH+07, PGS+98, ABC+99b], Service [Ada84, SBD+10, Tag09, BNN+09, BNSG90, BGK62, HRS07, Irv91, JQB+09, KJS09, KL97, KSB07, LRV+09, MWL+14, SSS2, VWE02, VMS+14], Serviceability [CMP61, HCTS81, CAX+15, FCS+04], Services [Hau96, Pul07, Tag09, Tak87, WC75, AAC+05, BB09, Elg11, GLM+96, HSS+10, KFH+06, LRV+09, RP14, RNB+10, VSB+09, VRA+09, WAB+09, Yar12, ODA+08, UDP+12], Servo [CD78, Hoo61, Osw74, Hoo00, Ono93], Servo-Access [Hao61, Hao00], Set [Bry75, CCM65, Gha75a, Ser82, VBE94, Mic72], Sets [Eas86, DH03], Several [BMS80, Cas60], severe [TPC+13], sexiphenyl [HKvG+11], Shallow [FP66, PF66, TDM+87, Tit63], Shannon [Koc59], Shape [WTS+11], shaped [AG72], shapers [BH95], shapes [Oht95], Shaping [EKR87], Shared [Cve87a, GH70, GA84, MB+97, SSL73, Ano71, AUW+09, Lat73, Rei69], Shared-cache [MBJ+97], Shared-Memory [Cve87a], Sharing [Bar73, Chi00a, Con58, Con60, Mar59, SAB+07, Cre81, FN95, FL69, Gra71], Shark [Has98], Shear [CS65a], Sheaths [Pen79], Sheet [Nie65], Shells [BGT74], shelves [MHR+15], Shewhart [Yas85], Shielded [CPL+74], Shielding [Spr63, Yan71], Shift [BTW62, CT76, Fuj92, Gus76a, Gus76b], Shift-Register [CT76, Gus76a, Gus76b], Shifts [SAL63, TY64, ZZ69], Shock [BS69, Lan60, FSG+73, PL73], shocks [MM75b], shooting [CP72], shop [RP14], Short [DY89, GAC85, Jam89, SL67, Shi73, SSB+12], Short-coherence-length [DY89], Short-Term [GAC85, SSB+12], Shortcut [HT69], shortest [HW72, HT69], Shubnikov [Bro66], Shutter [CRC61], Shuttle [Sk76], SI [GDR70, CFH64, Jun65, KG80, KEJ87, KACS95, LF95, Mey90, Mey00a, Pan78, Pes71, PRY65, RF78, SSSF11, Tu90, WTS+11], Si-Fe [Pes71], Si-Rich [KEJ87], Si-SiO [KG80], Si-SiGe [LFC95], SiC [SHTP11], Side [Sha58b, MY65], Sideband [CDH64], SiGe [DAC+03, FMP+03, HNS+03, JGD+08, LFC95], Sigma [OB09], Signal [Ber85, Coo82, DR82, GCPV85, HW87, JH80, PSH80, Shi85, TT75, Tsn80, UKM+85, Bra68, Cha88, DKR+90, Mey00b],
MP82, MZS+03, PAZ72, SPR+95, VWBP90. 

**signal-processing** [SPR+95].  
**Signals** [Cha67, KLS66, Mul67, VSF65, Boh73, CN71, Hei90].  
**Signature** [HL77, Lew80, Lew83, DWW90].  
**significance** [TR77].  
**Significant** [AO81].  

**Silicide** [KEJ87, TDM+87, Tu90].  
**Silicides** [MCAW95].  
**Silicon** [Ano06b, CSY79, CK79, CGN72, DO74, DJ70, DA77, FT64, FFH64, GKH60, GBC65, HND+06, JD66, JD67, Ker64, LL83, Leh64, Lev64, LD74, Lip92a, Mar64b, Mey00b, Moh70, Pet79, Pet80, Pl66, PK61, Rut64, SW98, SST+08, SCYK78, SBdF64, TY64, WKK60, 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, MFJP71, MPCF82, Ngu99, OR2, OS99, PW68, PSW+07, PM72, SAT+08, Tu90, WNV+02].  

**silicon-based** [Ngu99].  
**Silicon-carrier** [ATW+08].  
**Silicon-Dioxide** [Moh70].  
**Silicon-dioxide-based** [WNV+02].  
**Silicon-gate** [BBH82].  
**Silicon-on-insulator** [IFB+11].  
**Silicon-silicide** [Tu90].  
**Silver** [JC63, MFS+11, WTS+11].  
**SimAPI** [HKLM97].  
**SIMD** [CBB+05, SKP+15].  
**Similar** [Hau67].  
**similarity** [FRPG01].  
**Simple** [Dod63, GMT57a, GMT57b, Km90, OG87, Enm97, Fre04, JL90].  
**Simplex** [Dan60, Tom72].  
**simplification** [MD12b].  
**Simulate** [NM65].  
**Simulated** [CCP85, DKN87].  
**simulating** [Oht95, OIM+13].  
**Simulation** [ADG+92a, BBHS84, BF69, CD78, DS65, EEHP67, GHF+85, GKH50, GC81, HS85, HW81, Hui90, IS83a, IS83b, KGCS85, Kra81, KPS90, LL83, LB85, LS75a, LS75b, LC74, MJ64, MME+97, Par66, SB78, STi79, TGL+12, VS65, AKRS04, ABM+01, BH11, BGL07, CH06, Dan66, DT08, DLJ+08, Duk93, EWB09, ETWO08, GZE+05, HKLM97, Ham99, Hei80, JZ91, KL97, KKM02, KKB+09b, KWH+12, KLE71, LS77, NDM+04, PBC+06, PZGL91, SMP+04, SS82, Sta89a, SvBC+04, TMF+08, Tib93, Van97, VMG99].  
**Simulation/evaluation** [MME+97].  
**Simulations** [Cle81, EKS+04, BS91, CA01, DKA+05, ESHM95, FRE+08, HcTR06, PSP06, ZEH+08].  
**Simulator** [BHV85, ST75, Bjw72, vBBE+02, LH84, SBP+03, TAE+07, CR84].  
**Simultaneous** [Ano05c, Bre72, Sau81, ABB+15, Bra72a, LPPT86, MMM+05].  
**Single** [BGR82, Boy60, BS64, Cam57, Dav77, Fre62, GRH+08, GMW80, Hal76, HCS80, LM85, LS64, Lik88, Lar60a, Mee67, MRG99, RBC78, RWC80, Wor06, BH89, CDM89, Cha03, CH82, DTH92, HM82, MRH89, Tan08, WGS04].  
**Single-Chip** [BGR82, Cla03, DTH92].  
**Single-Crystal** [Boy60, Fre62, Mee67, BH89].  
**Single-Cycle** [RBC78].  
**Single-domain** [Wor06].  
**single-event-effect** [Tan08].  
**Single-event-upset** [GRH+08].  
**Single-Flux-Quantum** [GMW80].  
**Single-Grain** [CDM89].  
**Single-pass** [MRG99].  
**Single-Step** [HCS80, CH82, HMM82].  
**Single-Style** [LM85].  
**single** [Rat68].  
**Singular** [FBHJ04, Rob67].  
**Sinusoidal** [CFH64, CL64, DYS78, KG80, KLB64, MJS70, MU77, OG80, RFT8, SJ70, SARG80, YDH78].  
**SiON** [BGOO3].  
**SIP** [WNV+10].  
**site** [RBB+02].  
**sites** [Fre72].  
**situ** [Ahn66, DR93, MFS+11, ODL+09, Ros00, Sek93].  
**Six** [CIE+03].  
**Size** [FK60, Mer88, Seg62, Smi60, War63, AKKJ72, ALH95, Bou97, DDSM92, FS82, Hat72, Lam77b, Pes71, Yas07].  
**size-biased** [Yas07].  
**Sizes** [Bry75].  
**Skin** [WWMS79].  
**sky** [SJZ+15].  
**Skylab** [CI76].  
**Slab** [BS65b, Mee67].  
**SLAN** [BHP83].  
**SLAN-4** [BHP83].  
**SLDNF** [ChTDG92].  
**Slider** [SM63, TT74, BCT89, BHHO59, Dec90, Gro59, Mic59].  
**Slimming** [Dod63].  
**slip** [EC71].  
**slow** [Gra71].  
**Slowdown** [CW77].
SLT [BA69, TS69]. Small [ABP86, Bra68, FFW88, Gae79, Gef88, HLS81, Len58, Lew83, LBH+75, Sta89c, VRL10, BS71a, CCJH81, DKR12, Har71, Lew73].


smectic [CI78a]. SMLCS [AR87]. SMS [WZC+10]. SMT [Ano05c, MMM+05]. SN [SG77, HHA93, Hor98]. Sn-Pb [HHA93, Hor98]. SNA [FP83]. SNC [JS13]. SnTe [CSE66, MD+70]. SnTe-MnTe [MD+70]. SOA [CFH+09].

Social [BEJ+14, BDMN14, DGH+14, EEM15, KSSC+13, MDMN10, RVT+13, SXW+13]. sockets [BEE+12, CRM02, NMF10]. sockets-based [BEE+02]. SoCs [PZK+03].

Soft [BSK+08, MS96, SKK+08, ZS96, BH80, Del08, KCO08, ORT+96, RBK+08, Srid96, Tan96, ZMM+96, ZCM+96, van89, MBB+01].

Soft-error [BSK+08, MS96, SKK+08, Srid96, ZMM+96].

soft-magnetic [van89]. SoftRDM [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, VHM+83, ABC+99b, AAB+14, ABB+03, AAS+14, AH+14, BKN10, FBH10, CHH+01, CDD+10, DYLK10, GMR10, GLM+96, JWS+09, KRD+14, LH03, Mar12, MP88a, Pig88, PAB+05, RP14, RIB+13, VRL10, VHS1, WMK+07, WTT+14, WBT+10, DBC+06].

Software-Cache [VMH+83, VHS1]. SOI [FAD+07, FCE+15, LBB+13, Ninf02, PZK+03, Shao02]. Solar [BV78, CSY79, DHM75, HC78, PCDW78, SCYK78]. Solar-Grade [CSY79]. Solder [FHL+82, GLCW93, LCB93, Spr61, KLS+05, CGLL93, Cor93, Mah93, RBWH93].

Soldering [GS82a, SPP72]. solders [Hor98, KLS+05]. Solid [CGG+64, Chu82, DHSC64, DHSC00, Far87, Kuz70, LY83, PHCR81, SS61, WWK+87, Wyn64, BK76, Moi91, Ni95]. Solid-Burst [Wyn64]. Solid-State [SS61, Ni95].

Solidification [CSY79]. Solids [BH79, Pri60, FGW81]. SoLoMo [CDL+14]. Solomon [Bla68, Bla68b]. Solubility [BS77, MLSS84]. soluble [SPP72]. Solution [BDMW81, BAI70, BG74, Bog79, CHBH85, CS65b, Dub72, FPS66, FK62, Her66, HWC75, Kog74, Kuh63, Luk75, PF66, Sau81, Sch84, SLLP64, BSHM01, BI72, BH80, CHG04, Dan66, KBA07, KRC68, Lee07, Mas97, Mic59, Sug59, VSS+09, Whi72].

Solution-grown [FPS66, PF66]. Solutions [BT78, Hau96, Kuz70, SLA+15, Swi62, Bra72a, DGH+14, DP13, DP68, FCP+05, HHA93, JKB+13, Jen10, Mir61]. Solvation [Cle81]. Solvent [Cle81]. solvents [Yan71].

Solver [Coo84]. Solvers [ET86]. Solving [ADST78a, Bre72, GR85, Tuc60b, ADST78b, Mic72, WYF+03]. Somatosensory [UC62].

Some [AF68, Ano59n, AFR62, BTH62, Bon64, BS71b, CK79, Coo62, FL67, FP83, GS70, Gor63, HBL62, INS76, JN82, KTG66, KLS66, Kol67, Kuh60, Lef80, Lei62, LR65b, Ode87, Poh86, Poh95, KK74, RP87, RS67, RUS04, RNS99, Sam90, Sam00, SB64, Yas87, ZY72, Cra88, Emm97, FL89, GBM90, Kit89, Lew75, Vie86, YHA71, Gro59, Lee07].

SOP [KAB+05]. Sort [Tod78a, TW85]. sort-merge [TW85]. Sorter [MTW83]. sorting [ZY72]. Sound [Adi64, Beij74, Pri65]. Source [GS80, Arc93, BCF+07, DSRC98, LH03, PAZ72, SR71, WSK+93].

source-synchronous [BCF+07]. Source/Drain [GS80]. Sources
Space-Charge-Limited
[Mag73, MS60a, HC69]. Space-Charge [TY64].

Space-Charge-Limited
[Mag73, MS60a, HC69]. Space-Division
[HP84b]. Spaceflight [Jam81]. spacetime
[Toj04]. Spacing [Cha73b, TT75]. sparse
[Gup97, PS91, Tol97, Tom72].
sparse-matrix [Gup97, Tol97]. Spatial
[Fan64, FF73, Ho66, Lan57, Lan88, Lan96, Lan00b, SGY+98, WPH69, YL98]. spatially
[HiTr06]. SPEC95 [CP97]. Special
[Ano67u, PBCC12]. Specific
[HKM+86, MDJ+70]. Specification
[BHF83, LN79, MR87]. specifications
[MS89]. Specified [Pat70]. Specimens
[Keh65]. Speckle [AL76, Ga570]. Spectra
[Bro62, Hua78, Jon70, MJS69, SG64, WA79, WC69]. Spectral
[BLLS79, HW81, Bar86, Bra72b, Tue68].

spectro [SA00]. spectro-microscopy
[SA00]. Spectrochemical [AC64].

Spectrometer [Lev66, HHF69].
Spectrometry [SD77, Sp94].
spectromicroscopy [CHL+11].
spectrophotometric [Gra69].
spectroscopies [FNRF89]. Spectroscopy
[CW78, Gar86, GFHW82, KJ86, RF78, TH70, ARM+01, Hum71, JKG69, SBK+11, SF93, Sek93, SN08]. Spectrum
[Wel61, Yet89]. speculative [OWG+13].

Speech [DFM+88, EKMW64, LJN+07, Mer88, MC87]. Speed
[AFR62, BHWZ63, CD78, Car60, CYE84, Dav82, DB76, Gre79, Har63, Hop59, KJMS67, LV67, Lew83, MM75a, MPST66, Pre66, Wei79, Woo75, ZL87, BJM+06, BCF+07, BKG+82, DKR+90, FXB+10, FMP+03, HKV+90, HDW+07, Ism00, KB06, Lin81, MKW+05, MHC90, Nob95b, Tho70, Ung72, VV78, Wei90, ZG71]. Speeds
[TW74]. Spelling [FZ88]. Sphere
[NM65, Sat63, Dav69]. spike [TYM+14].

Spin [All00, Bro62, Haa70, Hor57, Mas62, Sun06, Was77, BZ06b, JWSP06, Kel89, Nes98, TFL+98]. spin-dependent [Nes98].
Spin-disorder [Haa70]. Spin-polarized
[All00]. spin-valve [TFL+98]. spinels
[Haa70]. Spinning [CSS83]. Spintrons
[WCT06, ZFE06]. Splatter [Za77].
Splines [Ins76, Din78]. Split [PK61].
Split-p [PK61]. Spoken [MT66]. spring
[BW72]. spring-driven [BW72]. Springs
[Hn67]. Sputter
[CW78, MSG72, Ros99, JL90].

sputter-deposition [JL90].

Sputtering-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]. Squarylium
[Lew78b, Mer78]. Squeezable [Han86].

SQUID [KTT+95]. Sr
[KBS+99, BEH+89, EHK+89]. SRAM
[Fre96, MAB+03, PC07]. Stability
[Bhu79a, Braa4, CBH85, CTT66, Gill79, GS84, HA00, Ode87, Piss74, van88, vV86b, Bra68, FGMPK05]. Stabilization
[KLB64]. Stable
[Hut74, Gri04, LO72]. Stack
[Jel69, BK75, CBV08, GKK+13, RIB+13, Shi72]. stacked [KBS+99].

stacked-capacitor [KBS+99]. stacking
[DWA08, SAT+08]. stacks
[GNF06, OKH+02, GSS+09]. stuffing
[HRS07]. Stage
[BT67, Kar74, BBS+03, Sch91]. Staggered
[Bra94]. Staging [GLS74]. Stand [Don80].
Stand-Alone [Don80]. Standard
[KBK+97, RS85, AHM+07, GHL+04, NFT+08, Cop94]. Standard-cell-based [KBK+97]. standards
Start-Up [Mil83]. State
[Bar80, CH84, Fra70, LY83, PHCR81, SS61,
State-Of-The-Art [CH84]. Stateless [VDO14]. Statements [MR87]. States [Ahu79, Erd88, Gar86, KJ86, Key61b, Lit62, CSH+89, HJS98, Rus04, Sho04, Swi62, Irv93]. Static [Cha62, Cor84, Mid62, CTT91]. Stationary [LS76b, Pai72, Boh73]. Statistical [BNW99, How89, HR507, KMO64, LS76b, Osb93, Pr58b, TAR84, Yas87, BTWY92, Fer70, KSSC+13, Luh57]. Statistics [SAR81]. Status [SP90, Bar62, SKB+93]. Steadily [Gun66b]. Steady [BGT74, BT78, ILH03, KM73, van73a, PL73, SBG+71]. Steady-state [ILH03]. Steam [DJ70, Pli66]. Steel [Keh65, DKRS07, Yan07]. Stepmaking [LHM96]. Steepest [Ipp66]. Step [HC880, LM80, War63, CH82, Gl79, HMM82, SHTP11]. Step-Size [War63]. Stepper [BD97, BSSZ76]. Steps [KWB88, ABM88, GI88]. stewardship [KWB88]. Stepping [Fre67, BSSZ76]. STE [KWB88]. STE-to-PCI [KWB88]. stiff [LOT2]. Stimulated [BN63, SB64, SCHL66, SL66, SLHM67, SAL63]. STM [ARM+01, ALH95, CWC95, MPD86, RCH+86, Vie86]. STM-excited [ARM+01]. STM/STS [ALH95]. Stochastic [AP69, As67b, LS76a, PS66, el 69]. stock [Her72]. stop [Mer04]. stopping [LS77]. Storage [AKK+67, BF77, BGM+67, BM96, CT76, Ch074, Cio86, DR08, Eas86, Fa70, FB78, FC79, FW08, GLS67, GA84, GFWH82, Hoa61, JMF96, Kan74, Lom75, Lom76, Lom80, M75, Mu74, Pat80, Pet57, Win70, van72, van73a, AB+02, ADS72, AAB+14, ABB+12a, ABB+00b, BS03, BBC+08, Bro72, BKS+08, CPT+08, CMR+90, CAC+13, CDC96, DM03, EÖH10, FG+06, GBJ+08, GAB+08, Gri69, GJ00, HKA+13, HYA03, Hoa00, HCK+05, ILH03, JLI99, JS72, KAB+12, MDJ+08, MTF+95, MA96, MC87, NFI+08, ODA+08, Okl03, OCT68, PSA+08, Pat89, Pohl95, vdP72, RCFN+08, SGT+98, SLC09, SMC+14, SG94a, Sou96, Ste81, Sur15, TB00, Tse76, VDD+00, WSK+93, van73b]. Storage-Channel [Cio86]. Storage-class [FW08, BK9+8, Sur15]. storage-hosted [CPT+08]. Store [Ahu80, CM80, Has66, JI+66, MPST66, SL76, BZ06a, MHR+15]. Store-And-Forward [SL76]. Stored [EKMW64]. Stores [TKD4]. Storing [CPT+86a]. STORK [dTGH92]. Straight [Tay79]. Strain [CGJ93, KS01, Seg62, Smi60, SST69, AAC+06, WGC93]. Strategic [Num09, PXXK07, KRTN+12, RAR+14, WCK+07]. Strategies [CFL73, Her75, WN92, BBD+02, TGL+12, TKG89]. Strategy [DR08, MM82, CHG04, HKR+08]. Stress [AR55, CH74, DJ70, SM71]. Stress-induced [FMS+92, HRS+95]. Stress-Insensitive [LR65a]. Stretch [Bur75, HKA+13, SM71]. streaming [WLKS98, ZSY+13]. Streams [HAG+13, SS76, KCM+13]. Strength [CM80, Keh65, Smi77, Cop94]. Stress [CS65a, CN79, CEHL78, FMS+92, Fre62, LR65a, SM62, Tan74, BBE+05, Cha69, Fuji92, HRS+95, Ibe03, You90]. Stress-induced [FMS+92, HRS+95]. Stress-Insensitive [LR65a]. Stretch [Bur75, HKA+13, SM71]. streaming [LC83]. String [Eas75, GS74, BW71]. Strings [Eas78, KGT88]. Strip [ALL77, LC83]. Stripes [CH76]. stripping [HA93]. Strips [DKAC67]. Strong [KT73, OYHSB14]. Strongly [FWW88]. strong [FWW88]. strontium [Pen69]. Structural [AIH97, Win70, ACM+89, Cor93]. Structural-Information [Win70]. Structure [Ad170, BW81a, BKM80a, BB60, CH74, DJ70, GSVE83, HK64, Lan86, McC64, MY67a, MY68, OHSP76, SH66, SAL63, WTP64, AIH+98, BEK+92, CBB+04, DGL+97, EHLSW01, FNR89, GOVC71, Haa70]
Supercurrent [Gar57]. Superimposed [Coo62]. Superlattice [ET70, BA70, Pri73].

superlattices [MSG+01]. Supermarket [Bra80, DSW82]. Superplastic [Fie65, RK72]. superscalar [BGW04]. Supermarket [Bra80, DSW82]. Superplastic [Fie65, RK72]. superscalar [BGW04]. Supplier [DKR12]. supplies [BR09b, Cov92]. supply [BBSW97, DKR12, GCFW07, SKK14, SP14]. supply-chain [DKR12]. supplying [Yar12]. Support [DR82, AFP01, ABC99b, AYA14, AEH+99b, BS06, BCR91, CDG+10, DOJ+14, FKG+07, GDS14, JWW+11, KS90, KBB+97, LGW+15, LPMDG14, SKC09, TBS09, VWE02, VMS+14]. Supported [Ham78, HKvG11]. 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, YA90, DR93, HBR86, LV94, MFPJ71, OS99, SRD94, SF93, TZZ+11]. Surfaces [Bru78, Cha82, CM74, Dem78, DJ75, DB76, FF86, GH86, HSM84, IM57, Jon65, Lud78, Pan78, PCDW78, Pol78, Pri00, Sch62a, Sou64, ALH95, BNT86, DF15, EM94, EC71, G188, Kep75, KJS+88, MSG72, RK72, SA00, SHTP11]. surgery [TFJ+96]. Surplus [El 74, Agi74]. surprise [SMSC14]. Surveillance [RM94]. Survey [Hei76, IM57, Met70, Rue79, WET+10]. Survival [Bar75]. Suspend [H82]. Suspension [CHBH85]. Suspensions [SH63]. Sweep [KST58]. Sweep-Position [KST58]. sweeps [EK87]. Swelling [BP84]. Swinging [Hea76]. Switch [ABCR65, Con58, DWGC85, LV67, Mar59, PRY65, Sea58, BJ+06, Dha68, DRM+81, EB91, Eng03, GLG99, HAMC04]. Switch-Type [DWGC85]. Switchable [Rab69, RHC73]. Switched [Hop61]. Switches [Chi60a, Con60, Kar74, Pet79]. Switching [CP63, DC73a, DW58, DPW60, Die62, Eic65, HP84b, Kan74, KP59, Net60, Pea69, RTM65, Roe66, She59b, SLLP64, TW74, Thr65, Cor69, DCM77, DPW00, May60, Rey69, RR69, RW59, RHC73].

Switching/Memory [Pea69]. switchover [MWW+07]. SXGA [CAW+98, SS00]. Syllog [FGP+85]. Symbol [Kur87]. Symbolic [FLKA84, Sur69]. Symmetric [Dub72, Key61b, Ost84, P886, Bra94, MSB+04, RSS91, Sh004]. Symmetrical [Val57]. Symmetrical-Transistor [Val57]. Symmetries [AS87, Bra94]. Symmetry [But88b, Pen88, Wee79, HM89]. Symposium [Ano70b]. Synchronization [ARV64, Cha67, PR71]. Synchronous [Fra80a, BCF+07, CN71]. Synchrotron [JS00, Are93]. syndrome [BC00]. synergetic [FAD+07]. synergy [JWS+09]. Syntax [Mou86, Bro85]. Syntax-Driven [Mou86]. Synthesis [BMW83, BHD+05, Bud67, Chi60b, DJBT81, DBG+84, EKMW64, HP66, H075b, Hud63, Kau81, May60, Rem67, WW75, B05+95, Ber76a, CT06, DBG+00, DSW71, Gus76a, Gus76b, MSG+01, RW59, SKB+96, Wie76]. Synthesized [Whe88]. Synthetic [van77]. Sysplex [DP13, DEH+12, GPE99, RKW99]. System [ACG+87, AST67a, AEGP67, AS74, AHM+07, ABG+09, BFK+02, Bar75, BJS80, BBC+12a, BCF+07, BAV+09, BCD+85, BGM+67, BT67, BS84b, Bro78, BDH76, CdLS92, Cha87, COC61, Cha74, Cha75b, CCD+09, CAC+13, CFH64, CDW75, CLOR87, CAD+09, Con83, CIT6, CD85, CPZ63, CDH64, CW91, DF+88, DTH92, DBG+84, DMW77, Dav80, DRO8, DGG+92, Del08, DMP59, DSW71, EHHP67, ELZ79, ELMR77, FLW78, FLKA84, Fle58, FLR77, FKG+07, FL67, FNT1, FGM+83, GGRW91, GLP76, GLS7, GRT74, GTM57a, GMT57b, Hrei85, Haj91, Hal76, HDW+07, HY84, HTH+09, Hen68, Ha061, Hop61, HP84b, JWS+09, Kan74, KST58, KKB+09b, KBG+09, Lat73, Le78, LH57, LH00, Lev64,
LJV\textsuperscript{+}07, LRH\textsuperscript{+}02, MDJV08, Mar12, MBF\textsuperscript{+}07, MCH\textsuperscript{+}82, MN97, Mos61, NAB\textsuperscript{+}15, PLK09, PK88, PKB\textsuperscript{+}99, PPC\textsuperscript{+}01, PMW06, PAB\textsuperscript{+}05, QGT13, RFB\textsuperscript{+}03, RH90, RW59, Sar91b, SRL\textsuperscript{+}11, SPP72, SSMD10, SBP\textsuperscript{+}03, STW\textsuperscript{+}08, SSN\textsuperscript{+}15, SCW10, Ste01, SV92, TWX\textsuperscript{+}10, Tue76, VAB\textsuperscript{+}13, VLP\textsuperscript{+}05, VLB\textsuperscript{+}09, Wal86, WNW\textsuperscript{+}10, ABD\textsuperscript{+}92, CNV\textsuperscript{+}15.

T \{BCSE89, FNRF89, FL89, HHB\textsuperscript{+}89, KC89, Kat89, Kel89, KIF\textsuperscript{+}89, Mek89, Mor89, VAB\textsuperscript{+}05\}. \textbf{T1} \{Irv91\}. \textbf{T1-rate} \{Irv91\}. \textbf{T10} \{NFI\textsuperscript{+}08\}. \textbf{Table} \{Ano57w, Ano57x, Ano57y, Ano57z, Ano58r, Ano58s, Ano58t, Ano58u, Ano121, Ano121, Ano122, Ano13c, Ano13d, Ano14j, Ano14k, Ano14l, Ano14m, Ano15f, Ano15g, Ano15h, Kin61, CGS61, Nob95b\}. \textbf{table-based} \{Nob95b\}. \textbf{Tables} \{Cle65b, My67b, Mys72\}. \textbf{tabulating} \{KSH\textsuperscript{+}08\}. \textbf{Tactile} \{DWG85\}. \textbf{Tagging} \{Tar63\}. \textbf{Tailoring} \{Fer75, SRD94\}. \textbf{Tails} \{CCE\textsuperscript{+}88\}. \textbf{taking} \{HST06\}. \textbf{Tantulum} \{SM62\}. \textbf{Tape} \{BBK86, BS70, CDS\textsuperscript{+}86, DM03, Gre79, HPWW81, Kiz03, LS75b, Pat85, SH57b, SH57c, Sko58, WCB\textsuperscript{+}86, ABD\textsuperscript{+}08, Bau72, BPS8, BE03, BS03, CIE\textsuperscript{+}03, EOH10, FC70, HYA03, ILH03, ICS07, Jaq03, Led71\}. \textbf{tape-head} \{Led71\}. \textbf{tape-recording} \{ABB\textsuperscript{+}08\}. \textbf{tapered} \{GZM92\}. \textbf{Tapes} \{BTW62, CTT66, PH74, TW74, Vo65, BD74\}. \textbf{Task} \{Kan74, BGO\textsuperscript{+}05\}. \textbf{tasks} \{Sar91a\}. \textbf{taxonomy} \{CCF\textsuperscript{+}10\}. \textbf{TCAD} \{LMW\textsuperscript{+}01\}. \textbf{TCNQ} \{Lew78b, Mer78, SGT78\}. \textbf{TCP} \{Bou97, NMF10\}. \textbf{TDI} \{Sch91, WYS92\}. \textbf{Te} \{Sui75\}. \textbf{Te-substituted} \{Sui75\}. \textbf{teams} \{DYK10, EEM15\}. \textbf{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, Ano63i, Ano66s, Ano66t, Ano66u, Ano66v, Ano66w, Ano66x, Ano67w, Ano67x, Ano67y, Ano67z, Ano67v, Ano67-27, Bax58, DR08, Sam81, HGN04, Mar12\}. \textbf{Technique} \{BLLS79, HMW74, Han57, HWC75, MD65, Nus77, PH65, RH63, RP66, Skl76, Wes78, van77, APO92, EKTT90, FW67, HHA93, Hun71, KMK68, KO69a, LPPT86, Sit71\}. \textbf{Techniques} \{AC64, Aic84, Ber64, Bla59, Bla79, Bon64, BBH\textsuperscript{+}67, BCRW82, Cha73b, GSVE83, Ken61a, Lao80, Llo67, LKL\textsuperscript{+}81, MG62, Ode87, Par80, Smi57, SS87b, STTF77, Tar63, Tro00b, Bag94, GRH\textsuperscript{+}08, GCFW07, Hei80, JS00, KBF\textsuperscript{+}92, LKU05, MTF\textsuperscript{+}95, Mc69, NDM\textsuperscript{+}04, OR92, Okt69, PBCC12, Sar91b, SWC\textsuperscript{+}97, SLRY72, TPP\textsuperscript{+}05, TGL\textsuperscript{+}12, TG91\}. \textbf{Technological} \{O081\}. \textbf{Technologies} \{Att92, CRH12, GS80, Gnu99, MT84, Ser82, SW83, BGLM09, BKS\textsuperscript{+}08, DAC\textsuperscript{+}03, HNS\textsuperscript{+}03, Law02, Rit13, Tag09, MCVW10\}. \textbf{Technologist} \{Mey03\}. \textbf{Technology} \{All81, Ana80, ABB\textsuperscript{+}85, BBS82, Bal05, BSC86, BP\textsuperscript{+}96, BGK\textsuperscript{+}80, BHW77, BHWW63, CCK\textsuperscript{+}88, Che06, Che08, DHSC64, DHSC00, DR08, Des04, Don00, Elm84, EHMW81, FHVZ80, Fle95, GLW84, HW12, Hor93, Hor00, IK00, IBP\textsuperscript{+}05, KGCS85, Kos15, KST84, Kua95, LMT84, LAC\textsuperscript{+}84, LCB93, Lip92a, LSH79, Mat80, McG81, McG92, MTS84, Mey93, Mit94, NKS81, Num09, PC85, PPS82, Prit07, RWL81, Sak79, STCR84, SGE810, Tro80, Tsu80, vM66, ADG\textsuperscript{+}95, ABB\textsuperscript{+}00, AEF96, ABD\textsuperscript{+}92, BK76, BRB\textsuperscript{+}01, BPS81, BE03, BCK\textsuperscript{+}05, BKRF02, BR82, BGL\textsuperscript{+}92, BL98, CDD82, Car81, CNG09, CIE\textsuperscript{+}03, CDM92, CM00, CGN72, CCW\textsuperscript{+}02, DWA\textsuperscript{+}08, DEG\textsuperscript{+}01, EK08, Eng03, FN71, FHS06, FCE\textsuperscript{+}15, FW08, GGRW91, GWRS90, HHSR96, HRC\textsuperscript{+}08, How92, Isa00, IFB\textsuperscript{+}11, JMM\textsuperscript{+}96, KMB\textsuperscript{+}99, KAB\textsuperscript{+}05, KYY\textsuperscript{+}08, KBC\textsuperscript{+}03, Kuo92, Lar80, MAB\textsuperscript{+}03\}.
technology
[Mey00b, OR92, OB09, PSA+08, PMV15, PZK+03, PSW+07, PBK96, RBB+08, RB92, RGP95, SHWK+90, SAT+08, SI09, Sha02, SsNH13, SPP97, SHY90, SHY00, Sta02, SHM+12, The00, TB00, VRA+09, WR00, AEP+01, SAPT01, TFR+01].

Technology-migratable [BPS+96].

telco
[CDL+14].

telecom
[MMDN10].

telecommunications
[Mey00b, VAB+05].

Telephone
[ABCR65, BM63, Hop61].

Telephony
[Dav58].

teleportation
[BHM04].

TelePOVM
[BHM04].

Telescope
[Hud76].

Television
[AFFS98, SA98].

TEM
[Wee72].

Temperature
[Ano89, Bre60, CN79, CS85, DS77, Jan69, Key65, Key70, Key71, LM85, LS64, Mah93, PC85, Rei66, San83a, SFD77, Str59, Twa85, WGC93, Bea90, BHP90, KB90, KB06, LSF84, MTB+90, RB90, RH90, SWL+09, Srs91b, WLE89, Won90].

temperatures
[CS85, Cre58].

Terascale
[FKL+08].

Terephthalate
[Bhu79a].

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

Terminal
[Cha75a, Sak79, BA69, Kon69].

Terminals
[San83b, TL70].

termination
[Ln66].

Terms
[Esa62, Pl66].

terrace
[SHTP11].

Terrestrial
[ZS96, Zie96, Zie98].

Test
[CW83, Doo83, EL80, EL83, GGKK96, OH74, Sch67, SW67, VTMB+90, BKP92, CPTW98, Fu92, HBB+05, HMP90, HKR+97, KS90, KB06, LSF84, MTB+90, RB90, RH90, SWL+09, Srs91b, WLE89, Won90].

test-pattern
[EL80].

Testability
[Sta90].

tester
[FKOP90].

Testing
[BDWZ83, HO96, PW83, TC84, BTP+90, CAS+91, DDZ+07, FCH70, GWRS90, JPTW92, MKW+05, MPHC90, OHT+96, OCB+90, VWBP90, ZMM+96].
tests
[Ibe03].

Text
[Kin61, TSNF88, GGH+13, Irv89].

text-oriented
[GGH+13].

texts
[AC92].

Textual
[CCFSZ12, MFL+12].

TFT
[JPTW92, KSK98].

TFT/LCD
[KS98].

Thallium
[GL62].

Their
[Arm65, DG84, RS59a, Tro80, AO97, CCF+10, HK64, HA00, HBR65, HBR86, Jam89, Kum92, Lan60, Lud78, Sch96b].

Theorem
[Dor60, Ode64, RS66, Sha94].

theorems
[Mor73].

Theoretical
[BT84, Coo62, FK62, Ken61b, Kus67, MP67, SB64, SM66, TC63, Wat60a, Wat60b, Gro59, Okt71, RL69].

Theories
[Jon72, KJ11].

Theory
[ARV64, Ast67b, BW81a, BBS87, BLR84, Bog79, DC73a, Dot62, FP73, Gar86, Gun69, HP63, Hor57, IM57, Jon98, KO67, KP59, LCV70, LR65b, Mag73, Ness88, NB61a, Pip79, Pri59, Red57, RK75, RVV88, SS59a, Sll66, Tu75, Ung72, Ver88, Yas87, ZG65, Aas70, Bar62, Cha77, DCB77, EHL85, GL60, GLS86, HBW70, KM83, MN03, MHI01, Mat02, May60, Mor73, Pai69, Pip81, Pri70, Riv87, Sch89, Str68, Wee72].

Thermal
[BB82, CJT62, CN79, CS85, DS77, Jan69, Key65, Key70, Key71, LM85, LS64, Mah93, PC85, Rei66, San83a, SFD77, Str59, Twa85, WGC93, Bea90, BAV+09, BR92, BSRM09, CGOLL93, FGMPK05, GLCW93, HOWP92, Ibe03, ILH03, KLM+91, Kso1, LD72, PHCM05, SCI05, VDP94, You90].

Thermal-Mechanical
[WGC93].

Thermal-to-Plasma
[VDP94].

Thermally
[Hen74, SGS+09, SST69].

Thermally-Activated
[SST69].

Thermionic
[VWJ11].

Thermodynamic
[Jon60, Map62].

Thermodynamics
[SI09, YHA71].

Thermoelastic
[SMVK90].

Thermoforming
[Fie65].

Thermogravimetry
[DBG78].

Thermomagnetic
[Hu74].

Thermomechanical
[SJMBK08].

Thermoplastic
[ABR71].

Thermostrictive
[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, CYHS78, RRB+01].

Trapped-Flux [Cro57]. trapping [Shi73].

Traps [Cro57, DYHS78, RRB+01].

Trapping [Shi73].

Traps [YDHS78, RG90].

Trapped-Flux [Cro57].

Trapping [Shi73].

Tree [HY84, CHG04, LT95].

Trees [Luk74, Rio60, Rot60a, Ris73, RW59, Rot60b].

Trends [GGK+13, LAG+84].

Tri-Glycine [Tri58]. triangulation [Kep75].

Triazine [GA88]. trigonometric [Fil70].

Trihydride [Pan78].

Trimmed-Surface [Far87].

Triplate [HRW69].

Triple [Hal60, LV62, CMM96].

Tri-Modular [LV62].

tripler [Hun71].

troubleshooting [RWB+10].

True [LBB+13, AKE+92].

Trusted [BCG+09, TTL].

TTL-compatible [DTTK95].

Tube [LD74].

Tubes [HMR82].

Tunable [HDK+11].

Tungstate [MV82].

Tungsten [KEI87, PCD78, VVW91].

Tuning [Log70, SHCS05, AAB+10].

Tunnel [AFR62, BKM80a, BMWL80, CSE66, CP263, DPR86, Esa62, Ge88, ICB64, Lik88, Mar60b, MT64, NM62, Rut64, Ano60c, BC00, GP60a, JWS06, Mos61].

Tunnel-Diode [AFR62].

Tunnel-Diode-Coupled [MT64].

Tunnel-Distance [DPR86].

Tunneling [AMGC86, AP86, Ano86c, BMC86, BL86a, But88a, CW86, CP86, DHTW86, EBD+86, FF86, Fin86, FS88, Gar86, GH86, Gom86, Han86, HBR85, KJ66, KWB88, Lan86, Poh86, PR59b, SB86, SSN+86, THv70, WKB+86, vFv86b, BNT86, BR00, BL86b, Dür94, HBR86, LBT99, Sto91].

tunnelling [ZG71].

Tunnels [Mar79]. Turán [MR72].

turbulence [BS91, FKL+08].

turnaround [ATW06].

Tutorial [Str83].

TV [C1J+10].

Twisted [HL83, LJ92].

Twisted-Pair [HL83].

Two [Ano60h, BBH+77, Cal81, CA84, FL59, GON+06, Gar64, Gau77a, GHP+85, Han67, HA58, KOB96, KO70, Le 62, LC80, LYM79, OHM+85, Pat89, RS67, Rut57, She59a, Sta67, TSC91, WRG99, Zee65, Ano60g, Ano60h, Ano66i, Ano67j, Ano67k, Ano67l, Ano67m, Boh73, BS91, Fra89, Gla97, Her72, KM68, LKY80, Neu90, RS66, Sav69, Sta73, Van97].

Two-Collector [Rut57].

Two-cycle [Van97].

Two-Degree-of-Freedom [Han67].

Two-Dimensional [Gau77a, GHP+85, Han67, Her72, KM68].

Two-level [GON+06, Pat89].

Two-Parameter [FL59, Sta73].

Two-pass [WRG99].

Two-Photon [BH79, Gar64, Loy79].

Two-Point [RS67, RS66].

Two-Queue [Cal81].

two-seller [Sav69].

two-step [Gla97].

two-user [LK80].

Two-Way [She59a].

Type [CEHL78, CW91, DWGC85, FP69, GGRW91, HAJ91, KO69b, Kuz70, NHH91, PL79, Sar91b, SV91, TSC91, CTS+92, CH82, FA70, GSG+90, HM82, MN67b, MKW+12, Vur70, WS72].

type-piece [WS72].

typed [Heli92].

Types [Cas60].

Typewriter [ABB+85, BR81, May85].

Typing [MKW+12].

U [KMC+11].

U-Compare [KMC+11].

UHV [CW86].

ULSI [AHW+99, CNS+99].

Ultra [ZG71, RH90].

ultra-high-frequency [RH90].

Ultra-high-speed [ZG71].

Ultrafast [JWL82].

ultrahigh
[CU98, RDD+98]. VAMFO [PW68]. Vapor
[AO60, BC60b, BC60a, BC60c, GBC65, GM60, IM60, KEJ87, LD74, Mar60a, Mar60b, OMAW60, Bea90, CNC+95, CNS+99, GMP90, Mey90, Mey00a, Ngu99, Tis90, YAJ00]. Vapor-Grown [AO60, BC60b, BC60a, BC60c, IM60, OMAW60]. Vapor-Phase [GBC65, Tis90]. Vapour [SR71]. variability [BFG+06]. Variable [AO60, FLCB85, Ins77, NW64, BGK62, Gus97, MRG99, OCR+98, PW68, WRG99].


Verification [CLOR87, CM98, DB69, HL77, Lew80, Lew83, MM82, Mon82a, WAB+05, BGW+04, BS95, GMS05, GBKJ05, HAMC+04, KKS02, KKM02, KW+12, KBG+09, KAB+12, KSL95, LHR+02, RT99, SBF+97, SHR+09, SRL+11, SLA+15, Son96, TAE+07, TFL82, Van97, VMC99, VLP+05, Wd97, WMH+97].


Vias [LHW81, ATW+08, JGD+08, SAT+08]. Vibrating [BP75, Hau67, Rat68]. vibration [AL76]. Vice [Don00, San12, Age04, Age05, Age05, Bal05, Cne06, Che08, DR08, Des02, Des04, Mey03, Num09, Pea09, Pri07, PS09, Pu07, Liv14].


Video-server [Knu98, SA98]. View [AMG+87, Ceb98, CRDI07, LR97, Riv87]. Virtual [Bar75, CBF73, Dub72, Gha75b, Gun83, Ktc03, LRS04, AAM+07, BCG+09, Hat72, JZ+09, KKM02, SSMGD10, Tse76, VDO14, JS89]. Virtual-Memory [Bar75]. virtualization [AAM+09, AAB+05, ABB+15, MBA+12, SAB+07].


Visualization [DeM91, OOL+12, PMW06, WNBP91, Bal91, BPS91, BMS01, DAS01, DRSM15, EBWR09, KN91a, KN91b, M91, PB89, PWFB91, Sto91, TG91, YBF+14].

visualizations [EEM15]. Visualizing [S91, W19, YR91]. visually [AKNR10]. Viterbi [Nob95b]. VLIW [MME+97]. VLSI [AEZ84, ATL+88, BPH+93, C782, CB85, Dan81, DeM91, EMS85, Elm84, FK90, FH+82, GR87, GT80, GPL+92, HW87, LKL+81, MCAW95, ML82, MM82, MTW83, RBB+02, RH90, Sar91b, SG95, Sec95, SP90, SM80, SC+82, Sta89b, Sta89c, Sta90, SGC+87, TFL82, Tro80, VTMB+90]. VM
References

Anantha:1971:PMS


Armstrong:2005:AVC

REFERENCES

Altman:2010:OTJ


Alba:2014:EAS


Almasi:2005:DIM


Antoniadis:2006:CMP

D. A. Antoniadis, I. Aberg, C. Ní Chléirigh, O. M. Nayfeh, A. Khaki-firooz, and J. L. Hoyt. Continuous MOSFET performance increase with device
REFERENCES


**Adeshiyana:2009:UVH**


**Andrews:1968:IOP**


**Ahmed:2014:ASA**


**Armstrong:2007:IPP**


IBMJAE. ISSN 0018-8646 (print), 2151-8556 (electronic).

**Ammann:1991:PPC**

[ABB\(^{+}91\)]


**Averill:1999:CIM**

[ABB\(^{+}99\)]


**Amdahl:2000:AIS**


**Ashley:2000:HDS**

Allen:2003:IPN


Argumedo:2008:STR


Amann:2012:IZS

8646 (print), 2151-8556 (electronic).

**Andres:2012:IZE**


**Alam:2013:EES**


**Axnix:2015:IZF**


**Abrams:1985:IPA**


**Abadeer:1999:KMU**

W. W. Abadeer, A. Bagramian, D. W. Conkle, C. W. Griffin, E. Langlois, B. F.

Adiga:2005:BGT


Arnold:2012:ICC

T. W. Arnold, C. Buscaglia,
REFERENCES


Abbott:1965:DAT


Aulet:1992:IES


Albrecht:2014:SFL


Adlung:2002:FIE

REFERENCES


[ABL+84] C. N. Alberga, A. L. Brown, G. B. Leeman, Jr., M. Mikelsons, and M. N. Wegman. A program de-


[ABM88]


[ABM+01]


[ABPS66]

Ames:1963:APE


Aaslund:1964:ESD


Ariat:1984:IEA


Agarwal:1986:FTC


Antonacci:1992:CDM

Abedini:2015:GFM


Arnold:2015:NGH


Allen:1980:ECS


Agarwal:1986:NSV


Agarwal:1987:CNS

[ACG+87] Ramesh C. Agarwal, James W. Cooley, Fred G. Gustavson, James B. Shearer, Gordon Slishman, and Bryant Tuckerman. Clarification:


C. Apte, B. Diet-
REFERENCES


**Ackerman:1992:SIE**


**Apte:1992:ECO**


**Adler:1995:EIC**


**Aridor:2005:RAU**

REFERENCES


Ames:1970:REA


Allen:2000:CCD


Ames:2000:REA


Arnold:2007:CSE

REFERENCES

ibm.com/journal/rd/511/arnold.html

Adler:1964:VSM


Adler:1970:BSM


Adler:1987:TD


Ahearn:1972:DII


Antonacci:1978:APQ


Antonacci:1978:APS

Ashley:1977:DCI


Agarwal:2002:FPN


Anderson:1967:ISMb


Axnix:2004:ZNP


Alvarodiaz:1984:ISV

Rita R. Alvarodiaz, Walter H. Elder, and
REFERENCES


Ahn:1968:SMP


Anderson:1999:DMT


Arbabi:1994:AAN


Asthana:1996:ROD


Anderson:1998:IMS

REFERENCES


Alves:2002:RDI


Abali:2001:MET


Axelrod:1962:SNH


Alsop:1972:FDF

REFERENCES

mathematics of numerical
computation.

**Agerwala:2006:SRC**

T. Agerwala and
M. Gupta. Systems
research challenges:
a scale-out perspec-
tive. *IBM Journal
of Research and De-
velopment*, 50(2/3):
173–180, March/May
2006. CODEN IBM-
JAE. ISSN 0018-8646
(print), 2151-8556
(electronic). URL
http://www.research.
ibm.com/journal/
rd/502/agerwala.
html.

**Ashar:1963:TAD**

K. G. Ashar, H. N.
Ghosh, A. W. Aldridge,
and L. J. Patterson.
Transient analy-
sis and device charac-
terization of ACP cir-
cuits. *IBM Journal
of Research and De-
velopment*, 7(3):207–
223, ???? 1963. CO-
DEN IBMJAE. ISSN
0018-8646 (print),
2151-8556 (electronic).
URL
http://ieeexplore.
ieee.org/stamp/stamp.
jsp?tp=&arnumber=
5392304.

**Agerwala:2004:MVP**

Tilak Agerwala. Mes-
sage from the Vice
President, Systems,
IBM Research Divi-
sion. *IBM Journal
of Research and De-
velopment*, 48(2):??,
???? 2004. CODEN
IBMJAE. ISSN 0018-
8646 (print), 2151-
8556 (electronic). URL
http://www.research.
ibm.com/journal/
rd/482/message.html.

**Agerwala:2005:MVP**

Tilak Agerwala. Message from the Vice
President, Systems, IBM Research Divi-
sion. *IBM Journal of
Research and Devel-
opment*, 49(2/3):??,
???? 2005. CODEN
IBMJAE. ISSN 0018-
8646 (print), 2151-
8556 (electronic). URL
http://www.research.
ibm.com/journal/
rd/492/message.pdf.

**Agerwala:2008:MVP**

Tilak Agerwala. Message from the Vice
President, Systems, IBM Research Divi-
sion. *IBM Journal of
Research and Devel-
opment*, 52(1/2):
??, January/March
2008. CODEN IBM-
JAE. ISSN 0018-8646
(print), 2151-8556
(electronic). URL
http://www.research.
ibm.com/journal/rd/521/message.html

**Agizy:1974:EOS**


**Agarwal:2006:AGA**


**Atkinson:1985:CDM**


**Agnello:2002:PRC**


**Agrafiotis:2001:MOC**

[AGZ94a]
R. C. Agarwal, F. G. Gustavson, and M. Zubair.
Exploiting functional parallelism of POWER2 to design high-performance numerical algorithms.

[AGZ94b]
R. C. Agarwal, F. G. Gustavson, and M. Zubair.

[AGZ94c]
R. C. Agarwal, F. G. Gustavson, and M. Zubair.

[AH79]
William E. Ahearn and Richard E. Horstmann.

[AHH+91]
A numerically intensive computing environment: IBM 3090 and


Aichelmann:1984:FDT


Arai:1998:ABG


Asakawa:1992:ZTT


Abbas:1967:DCC


Agnew:1982:MIM

REFERENCES

jsp?tp=&arnumber=5391995.

Abraham:1972:MTR


Adler:2003:MH


Agarwal:2010:AIW


Anderson:2004:CSS


Andrews:1976:SPI

1976. CODEN IBMJAE. ISSN 0018-8646 (print), 2151-8556 (electronic).

**Alfonseca:1989:FSN**

**Avouris:1995:PET**

**Allenspach:2000:SPS**

**Auslander:1981:EMO**
M. A. Auslander, D. C. Larkin, and A. L. Scherr. The evolution of the MVS operating system. *IBM
REFERENCES


Ames:1980:OMP


Anderson:1987:BAI


Abraham:1986:SMS


Alt:1998:IED


Anacker:1980:JCT

Anderson:1960:GGA


Andrews:1965:CDP


Anderson:1973:APP


Angelopoulos:2001:CPM


Anonymous:1957:Ab

REFERENCES

Anonymous:1957:Ae


Anonymous:1957:Aa


Anonymous:1957:Ac


Anonymous:1957:Ad


Anonymous:1957:Af


Anonymous:1957:Ag


Anonymous:1957:Ah

Anonymous:1957:AI


Anonymous:1957:CPI


Anonymous:1957:ITPa


Anonymous:1957:ITPb


Anonymous:1957:ITPc


Anonymous:1957:ITPd

REFERENCES

115

[jsp?tp=&arnumber=5392705.

Anonymous:1957:RIPa


[jsp?tp=&arnumber=5392742.

Anonymous:1957:RIPb


[jsp?tp=&arnumber=5392690.

Anonymous:1957:RIPc


[jsp?tp=&arnumber=5392706.

Anonymous:1957:RIPd


[jsp?tp=&arnumber=5392742.

Anonymous:1957:RPIa


[jsp?tp=&arnumber=5392705.
Anonymous:1957:RPI


Anonymous:1957:TCa


Anonymous:1957:TCb


Anonymous:1957:TCc


Anonymous:1958:Aa

Anonymous: 1958: Ab


Anonymous: 1958: Ac


Anonymous: 1958: Ad


Anonymous: 1958: Bp


Anonymous: 1958: Ccs


Anonymous: 1958: Cpf a

Anonymous:1958:CPFb


Anonymous:1958:CPI


Anonymous:1958:ITPa


Anonymous:1958:ITPb


Anonymous:1958:ITPc


Anonymous:1958:ITPd

REFERENCES

Anonymous:1958:TCc
[Ano58t]

Anonymous:1958:TCd
[Ano58u]

Anonymous:1959:Aa
[Ano59a]

Anonymous:1959:Ab
[Ano59b]

Anonymous:1959:Ac
[Ano59c]

Anonymous:1959:Ad
[Ano59d]
REFERENCES


REFERENCES

Anonymous:1959:RIPb


Anonymous:1959:SNA


Anonymous:1960:Aa

REFERENCES

Anonymous:1960:Ab


Anonymous:1960:Ac


Anonymous:1960:Ad


Anonymous:1960:Ae


Anonymous:1960:CPFa


Anonymous:1960:CPFb

Anonymous:1960:CPT

[Ano60h]

Anonymous:1960:ITPa

[Ano60i]

Anonymous:1960:ITPb

[Ano60j]

Anonymous:1960:ITPc

[Ano60k]

Anonymous:1960:ITPd

[Ano60l]

Anonymous:1960:RIPa

[Ano60m]
Anonymous:1960:RIPb

[Ano60n]

Anonymous:1961:Aa

[Ano61a]

Anonymous:1961:Ab

[Ano61b]

Anonymous:1961:Ac

[Ano61c]
Anonymous:1961:Ad


Anonymous:1961:CPF


Anonymous:1961:ITPa


Anonymous:1961:ITPb


Anonymous:1961:ITPc


Anonymous:1961:ITPd

Anonymous. IBM technical papers published in other journals. *IBM Journal
REFERENCES

Anonymous:1961:RIPa


Anonymous:1961:RIPb


Anonymous:1961:RIPc


Anonymous:1961:RIPd


Anonymous:1962:AAa


Anonymous:1962:Ab

[Ano62b] Anonymous. Authors. IBM Journal
REFERENCES

Anonymous:1962:Ac


Anonymous:1962:CPT


Anonymous:1962:FRS

Anonymous. Fundamental research in superconductivity. [Ano62h]

Anonymous:1962:ITPa


Anonymous:1962:ITPb


Anonymous:1962:ITPc

Anonymous. IBM
REFERENCES

technical papers published recently in other journals. IBM [Ano62k]

Anonymous:1962:RIPa


Anonymous:1962:RIPb


Anonymous:1962:RIPc


Anonymous:1963:Aa


Anonymous:1963:Ab

Anonymous:1963:Ac


Anonymous:1963:Ad


Anonymous:1963:CPT


Anonymous:1963:ITPa


Anonymous:1963:ITPb


Anonymous:1963:ITPc

Anonymous:1963:ITPd


Anonymous:1963:RIPa


Anonymous:1963:RIPb


Anonymous:1963:RIPc


Anonymous:1963:RIPd


Anonymous:1964:Aa

REFERENCES

Anonymous:1964:Ab


Anonymous:1964:Ac


Anonymous:1964:Ad


Anonymous:1964: Ae


Anonymous:1964:RIPa


Anonymous:1964:RIPb


Anonymous:1964:RIPC


Anonymous:1964:RIPd


 Anonymous:1964:RIPe


 Anonymous:1964:RPIa


 Anonymous:1964:RPIb


 Anonymous:1964:RPIc


 Anonymous:1964:RPId


 Anonymous:1965:Af


 Anonymous:1965:Ag


 Anonymous:1965:Ah

[Ano65c] Anonymous. Authors. *IBM Journal of
REFERENCES


Anonymous:1965:Ai


Anonymous:1965:Aj


Anonymous:1965:RIPf


Anonymous:1965:RIPg


Anonymous:1965:RIPh


Anonymous:1965:RIPi


Anonymous:1965:RIPj

REFERENCES

Anonymous:1965:RPIe


Anonymous:1965:RPIf


Anonymous:1965:RPIg


Anonymous:1965:RPIIh


Anonymous:1965:RPIIi


Anonymous:1966:Ab


Anonymous:1966:Ac

REFERENCES

Anonymous: 1966: ECP


Anonymous: 1966: EA


Anonymous: 1966: EPPb


Anonymous: 1966: RIPb


Anonymous: 1966: RIPa

Anonymous:1966:RIPc


Anonymous:1966:RIPd


Anonymous:1966:RIPe


Anonymous:1966:TPIa


Anonymous:1966:TPIb

Anonymous. Technical papers by IBM authors published re-
Anonymous:1966:TPIc


Anonymous:1966:TPIe


Anonymous:1966:TPPP


Anonymous:1967:Aa

REFERENCES

Anonymous:1967:Ab [Ano67b]

Anonymous:1967:Ac [Ano67c]

Anonymous:1967:Ad [Ano67d]

Anonymous:1967:Ae [Ano67e]

Anonymous:1967:Af [Ano67f]

Anonymous:1967:APD [Ano67g]
REFERENCES

141

Anonymous:1967:CPIa


Anonymous:1967:CPIb


Anonymous:1967:CPTa


Anonymous:1967:CPTb


Anonymous:1967:CPTc


Anonymous:1967:CPTd

Anonymous. Contents of previous two issues. *IBM
Anonymous:1967:PRIa


Anonymous:1967:PRIb


Anonymous:1967:PRIc


Anonymous:1967:PRId


Anonymous:1967:PRIe

REFERENCES

Anonymous:1967:PRIf


Anonymous:1967:PCP


Anonymous:1967:SSD


Anonymous:1967:TPIa


Anonymous:1967:TPIb


Anonymous:1967:TPIe

Anonymous:1967:TPId


Anonymous:1970:SMS

REFERENCES

Anonymous:1971:ARG


Anonymous:1986:RIP


Anonymous:1986:RPI


Anonymous:1986:STM

Anonymous. Scanning tunneling microscopy workshop.

Anonymous:1989:IEW


Anonymous:1990:RIPa


Anonymous:1990:RIPb

Anonymous:1990:RPI


Anonymous:1992:AIP


Anonymous:1992:RIPb


Anonymous:1992:RIPd


Anonymous:1992:RPIc


Anonymous:1992:RPIe

Anonymous:1992:RPId
[Ano92g]

Anonymous:1992:SIP
[Ano92h]

Anonymous:1993:A
[Ano93a]

Anonymous:1993:AI
[Ano93b]

Anonymous:1993:CII
[Ano93c]

Anonymous:1993:RIP
[Ano93d]

Anonymous:1993:RPI
[Ano93e]
REFERENCES


**Anonymous:1993:SC**


**Anonymous:1993:SI**


**Anonymous:1993:TI**


**Anonymous:1994:AIVa**


**Anonymous:1994:AIVb**


**Anonymous:1994:PRIa**

REFERENCES

Anonymous:1994:PRIb

Anonymous:1994:PRIe

Anonymous:1994:PRIf

Anonymous:1994:RIPb

Anonymous:1994:RIPe
REFERENCES

Anonymous:1994:RIPa [Ano94j]

Anonymous:1994:RIPb [Ano94o]

Anonymous:1994:RIPc [Ano94m]

Anonymous:1994:RIPd [Ano94n]
Anonymous:1994:RPc


Anonymous:1994:RPa


Anonymous:1994:SIVa


Anonymous:1994:SIVb

REFERENCES


Anonymous:1995:RPIb


Anonymous:1995:RPIc


Anonymous:1995:RPIa


Anonymous:1995:SIV

REFERENCES


Anonymous:1996:Pa


Anonymous:1996:Pb


Anonymous:1996:Pe


Anonymous:1996:Pd


Anonymous:1996:Pe


Anonymous:1996:Pf


Anonymous:1996:RPIa


Anonymous:1996:RPIb

[Ano96h] Anonymous. Recent publications by

[Ano96a]

Anonymous:1996:RPIc


[Ano97b]

Anonymous:1996:RPId


[Ano97c]

Anonymous:1996:RPIe


[Ano97c]

Anonymous:1997:AIV


Anonymous:1997:Pa


Anonymous:1997:Pb

Anonymous: 1997: Pd


Anonymous: 1997: RPIa


Anonymous: 1997: RPIb


Anonymous: 1997: RPIc


Anonymous: 1997: RPID

REFERENCES

Anonymous:1997:SIV


Anonymous:1998:AIV


Anonymous:1998:Pa


Anonymous:1998:Pb


Anonymous:1998:Pc


Anonymous:1998:Pd

REFERENCES

Anonymous:1998:Pe


Anonymous:1998:RPIm


Anonymous:1998:RPId

Anonymous:1998:SIV


Anonymous:1999:AIV


Anonymous:1999:PP


Anonymous:1999:Pb


Anonymous:1999:Pe

REFERENCES

Anonymous:1999:RPIa


Anonymous:1999:SIV


Anonymous:2000:AIV


Anonymous:2000:Pa

Anonymous:2000:Pb


Anonymous:2000:Pc


Anonymous:2000:P


Anonymous:2000:RPIa


Anonymous:2000:RPIb


Anonymous:2000:RPIc

[Ano00h] Anonymous. Recent publications by IBM authors. *IBM Journal of Research and
REFERENCES

*Anonymous:2000:RPI* [Ano01b]


*Anonymous:2000:SIV* [Ano01j]


*Anonymous:2000:AIV* [Ano01a]


*Anonymous:2001:EEN* [Ano01b]


*Anonymous:2001:PPP* [Ano01b]


*Anonymous:2001:Pa* [Ano01d]

REFERENCES

Anonymous:2001:Pb


Anonymous:2001:Pe


Anonymous:2001:RPIa


Anonymous:2001:RPIb

Anonymous:2001:RPIe


Anonymous:2001:RPIc


Anonymous:2001:SIV


Anonymous:2002:AIV

Anonymous:2002:SIV

Anonymous:2003:AIV

Anonymous:2003:SIV

Anonymous:2005:AIV

Anonymous:2005:EN

Anonymous:2005:ECS
REFERENCES


Anonymous:2005:SIV


Anonymous:2006:AIV


Anonymous:2006:ESC


Anonymous:2006:EDM


Anonymous:2006:SIV

[Ano06d] Anonymous. Subject index for volume 50. IBM Jour-
REFERENCES

Anonymous:2007:AIV
[Ano07a]

Anonymous:2007:SIV
[Ano07b]

Anonymous:2008:AIV
[Ano08a]

Anonymous:2008:E
[Ano08b]
See [NMH+07].

Anonymous:2008:SIV
[Ano08c]

Anonymous:2011:FC
[Ano11]
Anonymous. Front cover. IBM Journal of Research and Development, 55(3): c1, ???. 2011. CODEN IBMJAE. ISSN 0018-
REFERENCES

8646 (print), 2151-8556 (electronic).


[Ano12g] Anonymous:2012:Fc

[Ano12h] Anonymous:2012:Fc
Anonymous. Front cover. IBM Journal of Research and Development, 56(3):C1,
REFERENCES

???? 2012. CODEN IBMJAE. ISSN 0018-8646 (print), 2151-8556 (electronic).

**Anonymous:2012:FCc**


**Anonymous:2012:TCc**


**Anonymous:2013:C**


**Anonymous:2013:FC**

[Ano13b] Anonymous. [front-cover]. *IBM Journal of Research and Development*, 57(5):??, September–October 2013. CODEN IBMJAE. ISSN 0018-
Anonymous: 2013: TCa
[Ano13c]

Anonymous: 2013: TCb
[Ano13d]

Anonymous: 2014: BI Ca
[Ano14a]

Anonymous: 2014: BICb
[Ano14b]

Anonymous: 2014: Ca
[Ano14c]

Anonymous: 2014: Cb
[Ano14d]

Anonymous: 2014: FC a
[Ano14e]

Anonymous: 2014: FCb
[Ano14f]
REFERENCES

Anonymous:2014:FCc

[Ano14g]

Anonymous:2014:FICa

[Ano14h]

Anonymous:2014:FICb

[Ano14i]

Anonymous:2014:TCa

[Ano14j]

Anonymous:2014:TCb

[Ano14k]

Anonymous:2014:TCc

[Ano14l]

Anonymous:2014:TCd

[Ano14m]

Anonymous:2015:BIC

[Ano15a]
Anonymous:2015:FCa


Anonymous:2015:FCb


Anonymous:2015:FCc


Anonymous:2015:FIC


Anonymous:2015:TCa


Anonymous:2015:TCb


Anonymous:2015:TCc


Anderson:1960:VGV


REFERENCES

Alt:1992:GAT

Aguilar:1986:STM

Astesiano:1987:DSC

Andricacos:1998:FDE

Arbab:1986:CCA

Archie:1993:PIS
Chas Archie. Performance of the IBM
REFERENCES


Alexander:2000:PIP


Arinal:1969:MBU


Armstrong:1965:FHT


Alvarado:2001:SEE


Anello:1964:NDM


Anderson:1974:ISI


Ahearn:1978:ERG


Auslander:1987:FTR


Altman:2006:P


Anderson:2007:IAR

REFERENCES


V. L. Acoff and R. G. Acoff.

Andreopoulos:2015:VSN


Attardo:1992:PES


Ausschnitt:1997:ADP

REFERENCES


REFERENCES


Allenspach:1998:OMP


Allen:1997:PNL


Amemiya:2014:AER


Azbel:1988:BEM


Brock:1962:DOD

REFERENCES

jsp?tp=&arnumber=5392382.

Berry:1969:SSC


Blakeslee:1970:MSC


Berridge:2007:IPM


Blaner:2013:IPP


Baglin:1994:TFB

J. E. E. Baglin. Thin film bonding using ion beam techniques — A review. *IBM Journal of Research*

Bonner:1982:APB


Bala:1991:FIV


Balog:2005:MVP


Bardeen:1962:RPS


Bartz:1968:IOP

REFERENCES


REFERENCES

1983. CODEN IBMJAE. ISSN 0018-8646 (print), 2151-8556 (electronic).

Barbosa:1986:MSW


Batson:2000:ARA


Baumann:1972:VBC


Baumann:1984:FFE


Bieswanger:2009:PTM

**REFERENCES**

*Journal of Research and Development*, 53(1):14, [Bay78]

**Baxendale:1958:MMI**


**Baynham:1969:WPN**


**Bayer:1978:MWR**


**Beckerman:1960:IEE**


**Blodgett:1982:TCM**

REFERENCES


Breiter:2009:LCC


Brey:2005:BCM


Bartkus:1964:ATB


Bradshaw:2008:ASS

REFERENCES

**BERTINO:2009:APS**

**BECHTER:2012:ISZ**

**BUSABA:2012:IZM**

**BECERRIL:1980:GCF**

**BERNHARD:1963:ADA**
S. A. Bernhard, D. F. Bradley, and W. L. Duda. Automatic determination of amino
REFERENCES


**Bisdikian:1998:MDC**


**Balmin:2013:PEA**


**Banzhaf:2004:SIP**

Buchwalter:2005:EMS


Bahrndt:1960:IAM


Breiter:2014:SDE

REFERENCES

Brodnax:1994:IPM


Brennemann:1967:TIT


Bashe:1981:AIE


Bergendahl:1982:OPP


Bernstein:1995:RVP

REFERENCES

ISSN 0018-8646 (print), 2151-8556 (electronic).


[BBMP92] L. E. Boone, M. R.

**Beausoleil:1972:MBM**


**Barberi:1991:DML**


**Bauschlicher:1978:MSC**


**Brooks:2003:NME**

REFERENCES


May 1985. CODEN IBMJAE. ISSN 0018-8646 (print), 2151-8556 (electronic).

Baker:1960:IVG


Baker:1960:IAV


Baker:1960:RSI


Barrekette:1965:PBG


Bell:2000:FLM

REFERENCES


[BCCCK92] P. Bunce, W. Chin, L. Clark, and B. Krumm. Directory and Trace memory chip with ac-
REFERENCES

Bohnhoff:1985:SCR

[BCD+85]

Barahona:2007:IAT

[BCE+07]

Berger:2007:HSS

[BCF+07]

Berger:2009:SCI

[BCG+09]
REFERENCES

Buturla:1981:FAS

Buturla:2000:FEA

Bossten:1984:FAE

Bishop:1996:PAB
REFERENCES


REFERENCES

[Batlogg:1989:HSB]

[Benson:1989:DSB]

[Bernhard:1962:NNR]

[Bate:1974:RSR]

[Burger:1996:PFP]

This paper offers a significantly faster algorithm than that of [SW90], together with a cor-
rectness proof and an implementation in Scheme. See also [Chi90, ABC+99b, ?, ?].

Byrne:1976:LPS


Blaauw:1983:ORE


Biberstein:2009:CBE


Brusic:1978:AAG


Bao:2014:PMU

REFERENCES

[202]

2014. CODEN IBMJAE. ISSN 0018-8646 (print), 2151-8556 (electronic).

[BDMW81]


[BDNW02]


[BDNW02]

ibm.com/journal/rd/466/barth.pdf.

[Budd:1997:DAN]


[Baldwin:1983:CCO]

Biskeborn:2003:HDD


Beatty:1974:RAA


Beach:1990:DLT


Bebb:1962:PMM


Baskey:2002:ZFO

Birgeneau:1989:QEI
[BEH⁺89]


Beisner:1974:NCN
[Bei74]


Beierle:1992:LPT
[Bei92]


Buckley:2014:SMC
[BEJ⁺14]


Baitinger:2002:SCS
[BEK⁺02]

REFERENCES


sic concepts in quantum and stochastic transport.


REFERENCES

P. R. Bevington.  
Real-time reduction of nuclear physics data.  

[Barrekette:1963:DFS]  
E. S. Barrekette and H. Freitag.  
Diffraction by a finite sinusoidal phase grating.  

[Byerley:1969:SER]  
J. J. Byerley and T. Z. Fahidy.  
Simulation and experimental research.  

[Bennett:1977:PCA]  
B. T. Bennett and P. A. Franaszek.  
Permutation clustering: An approach to online storage reorganization.  

[Buechner:1999:EMH]  
Event monitoring in highly complex hardware systems.  

[Bernstein:2006:HPC]  
K. Bernstein, D. J. Frank, A. E. Gattiker, W. Haensch, B. L. Ji, S. R. Nassif, E. J. Nowak, D. J. Pearson, and

**Brusic:1993:CPT**


**Bogey:1979:NES**


Barreh:1994:PIC


Bhanot:2005:OTL


Boudreau:1962:DQP


Bhattacharyya:1980:CDT


Bohlen:1982:EPP

H. Bohlen, J. Greschner, J. Keyser, W. Kuckle, and P. Nehmiz. Electron-beam proximity printing — a new high-speed

**Brayton:1966:NAT**


**Brown:1992:ASA**


**Better:2007:AAI**


**Black:2009:ATG**


**Boland:1967:ISM**

L. J. Boland, G. D. Granito, A. U. Marcotte, B. U. Messina,

**Bakoglu:1990:IRS**


**Bona:2003:SHR**


**Bendz:1982:CPS**


**Braslau:1964:CMO**


**Bartholomy:2013:NMT**

E. Bartholomy, G. Greenlee, and M. Sylvia. The need to move toward virtualized and more resilient disaster-recovery ar-


**Bossen:1982:MTP**


**Blazey:1989:LMA**


**Bechade:1995:DDL**


**Besserud:2011:UDU**


**Bright:2005:BGC**


**Bradley:2003:WBP**


**Brunner:1959:GFL**


**Bieswanger:2002:HCF**

Brassard:2004:TGQ

G. Brassard, P. Horodecki, and T. Mor. Tele-
POVM — A generalized quantum teleport-
tation scheme. *IBM Journal of Research
and Development*, 48(1):87–??, ????.
2004. CODEN IBM-
JAE. ISSN 0018-8646
(print), 2151-8556
(electronic). URL
http://www.research.
ibm.com/journal/
rd/481/brassard.
pdf.

Beichter:1983:SLS

F. Beichter, O. Her-
zog, and H. Pet-
zsch. SLAN-4: a lan-
guage for the spec-
ification and design
of large software sys-
tems. *IBM Journal of Research
and Development*, 27(6):
558–576, November
1983. CODEN IB-
MJAЕ. ISSN 0018-
8646 (print), 2151-
8556 (electronic).

Beach:1977:MSI

B. L. Beach, C. W.
Hildenbrandt, and
W. H. Reed. Mate-
rials selection for an
ink jet printer. *IBM
Journal of Research
and Development*, 21
(1):75–80, January
1977. CODEN IB-
MJAЕ. ISSN 0018-
8646 (print), 2151-
8556 (electronic).

Beaty:1972:ICS

D. A. Beaty, T. A.
Hoskins, T. H. Richards,
and H. W. Simp-
son. IBM copier scan-
ning system. *IBM
Journal of Research
and Development*,
16(3):231–238, May
1972. CODEN IB-
MJAЕ. ISSN 0018-
8646 (print), 2151-
8556 (electronic).

Borucki:1985:FSF

Leonard Borucki, Howard H.
Hansen, and Khodadad Varahramyan.
FEDSS — a 2D semi-
conductor fabrication
process simulator. *IBM Journal of Re-
search and Develop-
ment*, 29(3):263–276,
May 1985. CODEN IB-
MJAЕ. ISSN 0018-
8646 (print), 2151-
8556 (electronic).

Buehner:1977:AIJ

W. L. Buehner, J. D.

Buelow:1963:CPM


Billingsley:1970:EHS


Billingsley:1972:EUS


Benner:2005:EOI


Birman:1974:PCM

A. Birman. On proving correctness
REFERENCES


S. Burbeck and K. E. Jordans. Preface.
REFERENCES

Belluomini:2006:LSD


Broom:1980:EPV


Botkin:1972:RLA


Boudreau:1961:ABQ

P. E. Boudreau and M. Kac. Analysis of a basic queuing prob-
REFERENCES


REFERENCES

Burr:2008:OCD


Bouma:1988:FGF


REFERENCES


REFERENCES


Black:1988:ECD


Burns:1963:DEG

REFERENCES


Bruce F. Blumentritt. Annealing of poly(ethylene terephthalate): film-based magnetic recording media for...
REFERENCES


Blumentritt:1979:LFI


Berger:1963:NME


Brown:1968:TCM


Barone:1984:CCC


Blauner:1993:XMR


Burton:1996:SCC

D. A. Burton and B. McNutt. Storage control cache resource management: Increasing diversity, increasing effectiveness. *IBM Journal of Re-
REFERENCES

Bernaschi:1991:TVM

Boyle:1980:OCG

Bula:1990:GDD
O. Bula, J. Moser, J. Trinko, M. Weissman, and F. Woytowich. Gross delay defect evaluation for a CMOS logic...

**Bargon:1983:ESE**


**Broom:1980:FPN**


**Burns:1963:RTS**


**Bhamidipaty:2009:IQ**


**Bhide:2009:CFS**

M. Bhide, S. Negi, L. V. Subramaniam,

**Berghaus:1986:STM**


**Boer:1969:TCF**


**Boroczky:1999:SMU**


**Bell:1969:UCA**


**Bogy:1979:BLJ**

REFERENCES

Bohlin:1970:MLM


Bohlin:1973:CTM


Bonner:1962:APR


Bonner:1964:SCT


Bossen:1970:BEC


Bossen:1970:EC


Bergamaschi:1995:HSI

R. A. Bergamaschi, R. A. O’Connor,


B. S. Berry and W. C. Pritchett. Vibrating reed internal friction apparatus for films and foils.
Berry:1984:BCM

Berry:1988:EVB

Bollinger:1992:KO

Beyers:1989:TSO

Belady:1981:IHM

Bednar:1996:TAL

**Beattie:1981:ITI**


**Brickman:1982:WAR**


**Binnig:2000:STM**


**Birman:2009:P**


**Bunn:2009:EEB**

REFERENCES

ISSN 0018-8646 (print), 2151-8556 (electronic).

**Brayton:1964:SCL**


**Brayton:1968:SSC**


**Bray:1969:PAI**


**Branin:1972:WCM**


**Braslau:1972:OEC**


**Braun:1975:MHM**

Braunecker:1980:POU


Bindra:1984:MEMb


Brayton:1987:FLF


Bradford:1994:FST


Bradshaw:2003:P


Brdacic:2005:P

REFERENCES


REFERENCES


Broers:1988:RLE

Brown:1994:ABP


Brennan:1979:TIC

Bruce:1976:DIJ

Brundle:1978:CPL

Brunner:1997:ILA
References


1971. CODEN IBMJAE. ISSN 0018-8646 (print), 2151-8556 (electronic).


May 1984. CODEN IBMJAE. ISSN 0018-8646 (print), 2151-8556 (electronic).

**Bates:1985:JAT**


**Briscolini:1991:ACS**


**Bose:1995:ATV**


**Bradshaw:2003:FYI**


**Bacon:2006:BFL**


D. B. Bogy and F. E. Talke. Steady axisymmetric solu-

**Boggy:1984:ETS**


**Blaugher:1962:SSI**


**Bassett:1990:BDP**


**Bate:1962:EEP**


Buchholz:1962:PCS


Buchanan:1999:PPU


Buchanan:1999:SGD


Budurka:1967:SCO


Burge:1972:CPC

W. H. Burge. Combinatory programming and combinatorial analysis. *IBM Journal of Research*

**Burge:1975:SPF**


**Bush:1971:CFE**


**Buttiker:1988:CST**


**Blakeslee:1978:GPG**


**Bishop:1972:DCS**


[BWB+82] Brauchle:1982:NCM


Clarke:2015:ARA


Calva:1970:PPC


Calo:1981:DAT


Cameron:1957:DOB


Campbell:2000:F

REFERENCES


REFERENCES


Chencinski:2004:SCL

REFERENCES

Clauberg:1990:PPP


Coteus:2005:PBG


Chance:1979:CHL


Crawford:2009:SAS


Cooper:2005:RDH

E. I. Cooper, C. Bonhôte, J. Heidmann, Y. Hsu, P. Kern, J. Lam, M. Ramasubramanian, N. Robertson,
REFERENCES


Castelli:1998:PSR [CBK98]


Collins:1976:EAC


Cooper:1976:DOS

REFERENCES

Chu-Carroll:2012:IIR


Chance:1979:HPP


Chencinski:2015:AIZ


Cole:1957:LPZ


Chencinski:2009:ISZ


**Chaudhari:1973:AMF**


**Case:1981:DAI**


**Chiu:1996:TFI**


**Chen:1981:HDB**


**Corr:1965:PPN**

Carnevali:1985:IPS [CCP85]
P. Carnevali, L. Coilletti, and S. Patar-nello. Image process-
ing by simulated an-
nealing. IBM Jour-
nal of Research and 
Development, 29(6):
569–579, November 
1985. CODEN IB-
MJAE. ISSN 0018-
8646 (print), 2151-
8556 (electronic).

Curran:2002:IEZ [CD85]
B. W. Curran, Y. H. 
Chan, P. T. Wu, 
P. J. Camporese, 
G. A. Northrop, R. F. 
Hatch, L. B. Lacey, 
J. P. Eckhardt, D. T. 
Hui, and H. H. Smith. 
IBM eServer z900 
high-frequency micro-
processor technology, 
circuits, and design 
methodology. IBM Jour-
nal of Research and 
Development, 46 
CODEN IBM-
MJAE. ISSN 0018-8646 
(print), 2151-8556 
(electronic). URL 
http://www.research.
ibm.com/journal/
rd/464/curran.html.

Corongiu:1985:LSA [CD85]
Giorgina Corongiu 
and John H. Detrich. 
Large-scale scientific 
application programs 
in chemistry and 
physics on an exper-
imental parallel com-
puter system. IBM Jour-
nal of Research and 
Development, 29(4):
422–432, July 
1985. CODEN IB-
MJAE. ISSN 0018-
8646 (print), 2151-
8556 (electronic).

Cheng:1996:FHR [CDC96]
J.-M. Cheng, L. M. 
Duyanovich, and D. J. 
Craft. A fast, highly 
reliable data compres-
sion chip and algo-
rythm for storage sys-
tems. IBM Jour-
nal of Research and
REFERENCES


[Cao:2014:SAT]


[CDL+14]


[Chaudhari:1989:CCM]


[Chiu:1992:IES]
Critchlow:1973:DCN


Cannon:1986:DPM


Critchlow:2000:DCC


Cascaval:2006:PEM


Chiu:1975:PAM


G. Cheroff, F. Fang,

Chang:2009:GIH


Canetti:1991:PCP


Courant:1967:PDE


Chamberlin:1973:APA

REFERENCES

Curran:2007:PCH


Casey:1982:ASD


Chiu:1971:DMA


Case:1964:SLD


Cuomo:1977:OEN


Choi:1993:SBC

H.-C. Choi, Y. Guo,

**Cavalin:2015:SAR**


**Collins:1972:SPT**


**Cheung:1988:IRM**


**Craft:1961:TLM**

J. L. Craft, E. H. Goldman, and W. B. Strohm. A table look-up machine for...


**Chang:1974:SDF**


**Chaudhari:1976:SSB**


**Collins:1982:PCC**


**Chen:1984:ECS**


**Carter:2006:MWD**

Chang:1962:ASQ


Chang:1967:STS


Chaudhari:1969:MSR


Chang:1973:CIA


Chastang:1973:OTM


Chang:1974:BQM

REFERENCES

June 1974. CODEN IBMJAE. ISSN 0018-8646 (print), 2151-8556 (electronic). See comment [Sta75].

Chang:1975:TRT


Chang:1975:SSQ


Chaitin:1977:AIT


Chastang:1979:PPP


Chamberlin:1987:DCI


Chang:1988:EDS


T.-C. Chen. Message from the Vice President, Science and
REFERENCES


IEEE.org/stamp/stamp.jsp?tp=&arnumber=5392501.

Ching:1986:PAC


Christensen:2011:PSE


Conklin:2007:RPO


Chow:1974:OSH


Chow:1975:CSM


Papers on system performance evaluation.

Chu:1982:CCL

Richard C. Chu, Un Pah Hwang, and


Coon:1976:SAC

Childers:2003:SOM

Cho:2010:OPP

Cioffi:1986:LSI

Chu:1978:LSS

Cox:1978:PEL
Casey:1983:POS

Ching:1991:EAP

Curran:2015:IZM

Chang:2015:FDI

Cook:2013:MIA

Coppersmith:1996:PMT
Chang:1962:TCD


Crook:1963:ESH


**Chang:1988:NT**


**Coghlan:2013:AAI**


**Castrucci:1964:ECS**


**Chang:1974:PDI**


**Cytron:1986:AOG**

REFERENCES


[Clem65b] Enrico Clementi. Tables of atomic functions. *IBM Journal of Research and Development*, 9(Supplement) (various), 1965. CODEN IBMJAE. ISSN 0018-8646 (print), 2151-8556 (electronic). This volume is a supplement to [Clem65a].


Clementi:2000:ICA


Clinger:1990:HRF


Ciskowski:1987:SIE


Castro:2013:RAM


Castro:2013:EBY

P. C. Castro, J. W. Ligman, M. Pistoia, J. Ponzo, G. S. Thomas, S. P. Wood, and M. Baluda. Enabling bring-your-own-device using mo-

**Coppersmith:1979:EPN**


**Chung:1980:CPR**


**Comstock:1974:FFR**


**Cocke:1980:SRD**


**Cocke:1990:ERT**


URL http://www.research.ibm.com/
REFERENCES


REFERENCES

312, May 1972. CODEN IBMJAE. ISSN 0018-8646 (print), 2151-8556 (electronic).

[CMR+90]


[Chow:1985:AMS]


[Choquet:1971:GSD]


[Choquet:1974:MMT]

Chen:1979:TSB


Chesshire:1994:EPD


Cote:1995:LTC

[CNC+95] D. R. Cote, S. V. Nguyen, W. J. Cote, S. L. Pennington, A. K. Stamper, and D. V. Podlesnik. Low temperature chemical vapor deposition processes and dielectrics for microelectronic circuit manufactur-

Commer:2008:MPE


Chapin:2009:TPW

Chow:1973:XIS


Cote:1999:PAC


Conklin:2012:CUS


Cahill:2015:IPS


Chambers:1961:SXR

Safe X-ray shutter and filter system [letter to the editor].  


REFERENCES

1984. CODEN IBMJAE. ISSN 0018-8646 (print), 2151-8556 (electronic).

Cooper:1990:DFA [Cop90]

Coppersmith:1987:C [Cop87]

Coppersmith:1994:DES [Cop94]

Copel:2000:MEI [Cop00a]

Coppersmith:2000:C [Cop00b]

Corby:1969:IVD [Cor69]
B. Corby. IBM 2750 voice and data switching system: organization and functions. *IBM Journal
Correale:1982:PDC


Correale:1984:DCS


Corbin:1993:FEA


Covi:1992:TFC


Cowlishaw:1987:LPS


Chung:1963:DAR

REFERENCES

0018-8646 (print), 2151-8556 (electronic).

**Canosa:1972:PSM**


**Curry:1977:SMI**


**Coombs:1986:PVT**


**Cohen:1991:MNPa**


**Charney:1997:PMS**


Colgan:1998:TFT


Carter:2000:APP


Crawford:1963:ITD


Chen:1976:ECC


Chen:1984:FMS

REFERENCES


Chen-Ritzo:2009:IP


Corbin:2002:LGA


Crow:1979:GLR


Chen:1965:CCT

W. T. Chen and R. P. Soni. On a circular crack in a transversely isotropic elastic material under prescribed shear...

Cooley:1965:SEW


Capelli:1984:DIG


Chieu:1985:ITR


Chiu:1997:OLI


Check:1999:CGG


Cozzolino:2002:P

Vincent Cozzolino
and Prabjit Singh.

**Chevillat:2003:BRL**


**Chang:1966:EBA**


**Collins:1989:ISN**


**Clarke:1983:MAS**


**Chamberlin:1973:ESD**

D. D. Chamberlin, H. P. Schlaepf, and I. Wladawsky. Experimental study of


A. C. Cheng and G. S. Tyson. High-quality ISA synthesis for low-power cache designs in embedded microproces-
Chen:1992:FDI


Chu:1991:CSR


Colgan:1998:CML


Cvetanovic:1987:PAF

Cvetanovic:1987:BWM

Chen:1958:NCE

Crowder:1972:LCC

Chow:1977:BPA

Chuang:1978:SPT

Curtin:1983:MMT
James J. Curtin and John A. Waicukauski.
REFERENCES


**Chang:1985:GTB**


**Chiang:1986:CUS**


**Curran:1991:IES**


**Chambliss:1995:USS**


**DiMaria:1977:CSS**

REFERENCES


Dammann:1966:ECD


Dantzig:1960:IPS


Daniel:1966:PEA


Dansky:1981:BCD


Danielsson:1982:ISC

1982. CODEN IBMJAE. ISSN 0018-8646 (print), 2151-8556 (electronic).

Deutsch:1994:PLE

Datta:1993:ADM

Datta:1998:AEM

Datta:1998:MEM

Doi:1991:DVU

David:1958:AAR
E. E. David. Artificial
REFERENCES

 auditory recognition
 in telephony. *IBM Journal of Research and Development*, 2
 (4):294–309, ????. 1958. CODEN IBM-JAE. ISSN 0018-8646
 (print), 2151-8556 (electronic). URL

 [Dav69] J. V. Dave. Scattering
 of electromagnetic ra-
diation by a large, ab-
 1969. CODEN IBM-JAE. ISSN 0018-8646 (print), 2151-
 8556 (electronic).

 [Dav77] J. E. Davies. Con-
trol of magnetic prop-
erties during the pro-
cessing of single crys-
tal garnet films. *IBM Journal of Research and Development*, 21
 (6):522–527, November 1977. CODEN IBMJAE. ISSN 0018-
 8646 (print), 2151-8556 (electronic).

 [Dav79] Jitendra V. Dave.
 Contrast attenua-
tion factors for re-
 mote sensing. *IBM Journal of Research and Development*, 23
 (2):214–224, March 1979. CODEN IBMJAE. ISSN 0018-
 8646 (print), 2151-8556 (electronic).

 [Dav80] Donald E. Davis.
 Registration mark de-
tection for electron-
 beam lithography —
 EL1 system. *IBM Journal of Research and Development*, 24
 (5):545–553, September 1980. CODEN IBMJAE. ISSN 0018-
 8646 (print), 2151-8556 (electronic).

 [Dav82] E. E. Davidson. Elec-
 trical design of a
 high speed com-
 (3):349–361, May 1982. CODEN IBMJAE. ISSN 0018-
 8646 (print), 2151-8556 (electronic).

 [DB69] R. C. Dixon and P. E.
 Boudreau. Math-
 ematical model for
 pattern verification.
 *IBM Journal of Re-

Dimsdale:1976:BPS


DeVoe:1979:SOF


Dix:1982:CCU


Davison:2001:BFE


Darringer:2002:EAT

References


Desai:2005:BSO


Dongarra:2006:SAN


Darringer:1984:LSP


Darringer:2000:LSP

REFERENCES


REFERENCES


REFERENCES

Denil:1980:BL


Desens:2002:MVP


Desens:2004:MVP


DAmora:2015:DCA


Dan:1998:ECM


Dusanapudi:2015:DPS


DeGrolier:1958:PSC


Dave:1984:RRN

[DG84] J. V. Dave and Jeno Gazdag. Reduction of random noise from multiband image data using phase relationships among their

**Diaz:1993:CCO**

**DGB78**

**Delia:1992:SCD**

**DGH+14**

**DGL+97**
G. Doettling, K. J. Getzlaff, B. Leppla, W. Lipponer,

Drougard:1957:EEF


Dew-Hughes:1961:DPF


Donath:1973:LBP


Diaz:1983:MPE

A. F. Diaz and B. Hall. Mechanical properties of electrochemically prepared polypyrrole


REFERENCES


Dickinson:1960:CRS


Dickinson:1991:IAT


Dimsdale:1978:CCS


Dietrich:1962:PSP

REFERENCES

8646 (print), 2151-8556 (electronic).


[DJ75] Dimsdale:1975:MS


[DKA+05] Drews:2005:MSC


Daughton:1967:DWE


Darema:1987:PAC


Deutsch:1990:HSP


Dischinger:2012:SCS


[DLK84] Richard H. Darling, Chen-Hsiung Lee, and Lawrence Kuhn. Multiple-


REFERENCES

2151-8556 (electronic).


REFERENCES


REFERENCES

Dooley:1983:MPA


Dorn:1960:DTC


Dorn:1962:GHR


Dowley:1968:SLA

[Dow68] M. W. Dowley and

Dillenberger:2013:CBM


Durig:1986:NFO


Dietrich:1960:NST


Dietrich:2000:NST


Davies:1982:RSP

Ken Davies and Fred
REFERENCES


**Deligianni:1993:SSP**


**Dean:2008:MVP**


**Dunne:2015:RMF**


**Davidson:1965:SCC**


**Drangeid:1970:DPS**

REFERENCES

Dill:1977:TEP

Dietrich:2003:P

DeCusatis:1999:FOI
C. M. DeCusatis, D. J. Stigliani, Jr., W. L. Mostowy, M. E. Lewis, D. B. Petersen, and N. R. Dhondy. Fiber optic interconnects for the IBM S/390 Paral-

Doany:1998:PDT

Dhondy:1992:CTC
Noshir R. Dhondy, Richard J. Schmalz, Ronald M. Smith, Sr., Julian Thomas, and Phil Yeh. Coordination of time-of-day clocks among multiple systems. IBM
REFERENCES


REFERENCES


REFERENCES

DEN IBMJAE. ISSN 0018-8646 (print), 2151-8556 (electronic).


[Dum63] W. P. Dumke: 1963: EMP

[Dun57a] B. Dunham: 1957: FSL
The formalization of scientific languages. I. The work of Woodger...

**Dunham:1957:MBD**


**Durbeck:1970:PES**


**Durig:1994:ASM**


**Dushkes:1971:DSU**


**Datars:1964:CRF**

REFERENCES

8646 (print), 2151-8556 (electronic).

DiStefano:1974:IIS


Diaz:1981:PNO


Dickinson:1958:RIU


Dang:2008:CSC


DeFosse:1985:DMS

[Stephen F. DeFosse, George T. Williams, Dominic A. Gos- tomski, Jr., and Robert H. Cobb. Development of a membrane switch-type...

**Deutscher:1989:SS**  

**Dong:2013:FEV**  

**DeVincenzi:2011:ASM**  

**Dong:2013:FEV**  

**DeVincenzi:2011:ASM**  
REFERENCES


Easton:1975:MID


Easton:1978:MDR


Easton:1986:KDS


Ellis:1999:NON


Eckman:2006:GDM

Elrod:1986:TM  [EC71]  

Ellis:1995:MDA  [ECD+99]  

Engle:1971:APS  [EC71]  

Easter:1999:PES  [ECD+99]  
REFERENCES

Ein-Dor:2013:ARM


Erickson:2015:SCC


Enenkel:2005:CMF


Eleftheriou:2005:SFF


Elmroth:2000:ARS

[EG00] E. Elmroth and F. G. Gustavson. Applying recursion to serial and parallel QR factoriza-


REFERENCES

8646 (print), 2151-8556 (electronic).

[EHHP67]  

[EHK+89]  
Yasuo Endoch, Y. Hidaka, Kazuhiro Kaku-  
rai, Marc A. Kastner, and T. Murakami. Quasi-elastic and inelastic neutron-scattering studies of superconducting \( \text{La}_2-x\text{Sr}_x\text{CuO}_4 \) \[EHMW81\]  

[EHPS05]  
REFERENCES


Eichelberger:1965:HDC


Elnozahy:2003:P


Emma:2008:CTN


Estes:1964:SSS


Evans:1987:SGO

Elmegreen:2004:SMM


ElAgizy:1969:DIM


ElAgizy:1974:EOS


Eichelberger:1980:HTG


REFERENCES

Elgot:1965:RDG


Egitto:1994:PMP


Emery:1989:NHS


Emma:1997:USS


Engh:1981:IDD


Engbersen:2003:PST


[Erd88] Paul Erdös. Density of states of one-dimensional random

**Elliott:1992:IES**


**Esaki:1962:CTD**


**Ellsworth:2002:DAS**


**Edelstein:1995:VCI**


**Epstein:2012:MWF**

E. A. Epstein, M. I. Schor, B. S. Iyer, A. Lally, E. W. Brown, and J. Cwik-
REFERENCES


Ewen:1995:CCG


Evers:1969:PAC


Esaki:1970:SND


Efrat:1986:PIL


Ethier:2008:LSG


L. R. Friedman and A. Amith. Hole and electron bands in n-type CdCr2Se4.
REFERENCES

Flachs:2007:MIS


Farrell:1991:VIM


Fagin:1977:FDR


Franklin:1994:CWP

Falconer:1970:NDP


Fan:1961:SPP


Farrell:1982:BAI


Farrell:1983:CDI


Farouki:1987:TAE

Rida T. Farouki. Trimmed-surface algorithms for the evaluation and interrogation of solid bound-
REFERENCES


Fillmore:1977:DCD


Freiman:1963:FRP


Fischer:1970:CTF

REFERENCES


REFERENCES


Franchi:1983:DIA


Feger:2005:MRS


Fellerstein:1985:PMK


Freiberger:1975:PPR


Franaszek:1991:HIM

REFERENCES


Fitzgerald:1981:GIG


Flynn:1984:MIE


Fried:1982:VBM


Franke:2014:PSD


Franaszek:2001:ADS


Frank:2006:OCT

[FS06] D. J. Frank, W. Haen...

**Faris:1980:BDJ**


**Filipowsky:1970:CMT**


**Fink:1986:MTS**


**Fisher:1988:DEE**

Michael E. Fisher. Diffusion from an entrance to an exit.

Basic concepts in quantum and stochastic transport.


J. Fan, A. Kalyanpur, D. C. Gondek, and D. A. Ferrucci. Automatic knowl-

**Felter:2003:PUD**


**Fisher:2008:TTC**


**Fox:1990:SET**


**Flehinger:1959:TPL**


Flynn:1967:ISM


Fryklund:1969:UTC


Fleischer:1974:ILI


Fernandez:1975:CLB


Fernandez:1976:SGT


Fossheim:1989:REP

Kristian Fossheim and Trygve Laegreid. A review

**Flatt:1965:CMC**


**Flatt:1981:CME**


**Flatt:1991:FRU**


**Farrell:1985:ACD**


**Fargues:1986:CGS**

REFERENCES


REFERENCES


**Findley:1978:CIP**


**Flur:1967:MPS**


**Fernandez:1978:ERA**


**Fleisher:1975:IAL**


**Foley:2010:RMF**


**Foglia:1961:CCS**

H. R. Foglia, W. L. McDermid, and H. E. Petersen. Card capacitor — a semipermanent, read only mem-
REFERENCES


**Friedman:2003:SBI**


**Fazzio:1993:HAD**


**Fahey:1992:SDS**


**Fox:1971:DLC**


**Frazaszek:1995:PDS**

[P. A. Franaszek and R. D. Nelson. Prop-
REFERENCES


REFERENCES

Ferry:1969:MEH


Ferris-Prabhu:1973:TMM


Francois:1983:SMP


Friedrich:2011:DMI


Foster:1966:FBL

Fiorelli:2014:CCA


Fulkerson:1960:TTR


Fulanzek:1970:SSM


Fulanzek:1979:FBC


Fulanzek:1980:SBD

P. A. Franaszek. Synchronous bounded delay coding for in-


Fredkin:2004:FBQ


Fitch:2008:BMS


Friedberg:1958:LMI


Friedberg:1958:LMP


Fritzsche:1969:PIA


Fromm:1971:NMC

J. E. Fromm. Numerical method for

Fromm:1984:NCF


Floratos:2001:DPB


Frasch:1982:FSC


Foden:1988:TTQ


Farouki:1990:PH


Fleisher:1983:ERB


Fujimoto:1992:SVS


Feijen:1990:BOB


Fowler:1967:NIT


Fagin:1983:FCS


Freitas:2008:SCM

[FW08] Richard F. Freitas and Winfried W.

**Floyd:2011:AEM**


**Fain:2001:DOC**


Gambolati:1972:ESV


Ghosh:1971:DDU


Garwin:1957:AOP


Garwin:1964:ANT


Garcia:1986:TST


Gardiner:1988:QNE

C. W. Gardiner. Quantum noise and quantum Langevin equations. *IBM
REFERENCES

Garcia:2000:PRC

Gaur:1977:TAH

Gaur:1977:SOA

Gazdag:1978:ESW

Greenberg:1971:IMD

Gaudiello:1993:MIM
J. G. Gaudiello and G. L. Ballard. Mechanistic insights into metal-mediated electroless copper plating employing hypophosphite as a reducing agent. IBM
REFERENCES


**Giampapa:2005:BGA**

[GBB+05a]

**Gruber:2005:LCW**

[GBB+05b]

**Ginsberg:1990:SEG**


**Gregor:1965:VPP**

Gara:2005:OBG


Gopisetty:2008:APS


Gott:2005:FFV


Gupta:1987:YAD

Grice:2009:BPB

Gereth:1968:NAE

Gruodis:1981:CLT

Guo:1993:MXP

Gresh:2007:ASC
Galand:1985:VPC


Gkoulalas-Divanis:2014:PPO


Gkoulalas-Divanis:2014:TSH


Gyorgy:1970:PME


Gregg:2002:CCI

T. A. Gregg and...


A. A. Guido, L. Fulkerson, and P. E. Stuckert. Automatic pulse parameter determination with the Computer

**Gattiker:2013:BDT**


**Ghoting:2013:TOM**


**Gillis:1996:TMD**


**Gani:1991:IES**


**Gimzewski:1986:STM**

REFERENCES


Gianos:1996:DCD


Ghanem:1975:DPM


Ghanem:1975:SMP


Gheewala:1980:DJC


Gilson:1967:DPS


Greanias:1957:DLR

[E] E. C. Greanias, C. J.

Gilkinson:1984:ATM

Gellerich:2004:GBP

Grimshaw:2004:PTC

Gaur:1985:TDS
Santosh P. Gaur, Peter A. Habitz, Young-June Park, Robert K. Cook, Yishou Huang, and


Gillespie:1979:SLP

Gillespie:1984:RPC

Gustavson:2000:MSH

Glang:1960:IID

Greenberg:1964:LNM


1997. CODEN IBM-JAE. ISSN 0018-8646
(print), 2151-8556
(electronic). URL

Glicksman:1969:SME
M. Glicksman. Summary of microwave emission from InSb.
gross features and possible explanations. *IBM Journal of Research
0018-8646 (print), 2151-8556 (electronic).

Gondek:2012:FMR

Golden:1980:DAP
and the programmable logic array macro.
REFERENCES


Gopisetty:1996:AFS


Georgiou:1992:IES


Gaver:1976:EAA


Geldermans:1967:CCM


Gaver:1974:AED

REFERENCES


Guenthner:1986:TRK

Gunter-Mohr:1960:FPI

Geballe:1962:IEL

Gutzwiller:1963:NWP

Gracer:1969:GCD


REFERENCES


REFERENCES

1986. CODEN IB-MJAE. ISSN 0018-8646 (print), 2151-8556 (electronic).

Gomory:1987:SI


Gonzales:1999:PMT


Gaidis:2006:TLB


Good:1958:HMS


Goodman:1962:MBS


1981. CODEN IBMJAE. ISSN 0018-8646 (print), 2151-8556 (electronic).

**Gallagher:2006:DMT**


**Gallagher:2006:P**


**Gschwind:2009:P**


**Gregg:1999:ICB**


**Guthrie:1992:FVB**

**Gelernter:1958:IBP**


**Golumbic:1990:ISB**


**Gibson:1992:DIS**


**Grant:1969:AWG**


**Grant:1971:ISR**

Gray:1980:CCS


Greenstadt:1959:RCP


Greeneberg:1960:FAM


Gregor:1968:PDF


Greenberg:1979:SHI


Gregg:1997:CSC

Gordon:2008:SEU


Griesmer:1960:BEC


Griesmer:1992:PPA


Grill:1999:PDD


Grismer:1969:DRP

Grinstein:2004:CCS


Gross:1959:GFL


Grossman:1976:PRT


Grohoski:1990:MOI


Geffken:1987:CMD

400

REFERENCES

Guerard:2013:EGP


Gazdag:1986:SMI


Gruenberg:1974:SMC


Gruodis:1979:TAU


Goodman:1970:SEF


Guignard:1972:MNC


Guignard:1972:MAK


Ghosh:1974:SPS


Gay:1975:CPQ


Geipel:1980:ISD


Getten:1982:IWS


Gustafson:1982:IPU

[GS82b] R. N. Gustafson and Frank J. Sparacio. IBM 3081 processor unit: Design considerations and design process. IBM Journal of Research and Development, 26
Ginsburg:1984:HSP

Glimm:1987:NAS

Grotzinger:1993:CPA

Grobman:1980:PCE

Gschwind:2009:IEP

Gotz:2012:MVA
D. H. Gotz, J. Sun, and N. Cao. Multifaceted visual analytics for healthcare...

**Giess:1990:LGP**


**Giess:1983:PSD**


**Geipel:1980:RLI**


**Goertzel:1987:DHI**


**Gum:1983:SEA**

P. H. Gum. System/370 extended architecture: Facilities for virtual machines. *IBM Jour-
REFERENCES


REFERENCES

Golladay:1990:ETO

Gerwig:2004:IEZ

Gygi:2008:AQS

Gonzales:1999:RME
Germain:2005:EPD


Goth:1992:DDM


Horton:1958:FBA


Huth:1971:DFR


Hernandez:2000:SNP

REFERENCES


REFERENCES

MJAE. ISSN 0018-8646 (print), 2151-8556 (electronic).

Hammer:1978:OGP


Hamaguchi:1999:MSM


Hoppe:2004:FVF


Hanson:1957:MMT


Hansma:1986:STJ

Harris:1963:HSP


Hardy:1965:AIF


Hartwell:1971:PIF


Harding:1981:SMI


Harper:2001:P


Haskell:1962:PCC


Haskell:1966:DPC


Haskin:1998:TSS


Hatfield:1972:EPS


Hatzakis:1988:MPM


Haughton:1967:SMT


Hauge:1993:P

REFERENCES


Helmich:2007:RI


Hsiao:1970:OLS


Heyns:1999:CEC


Hake:1962:HFS

Hoke:1999:STI


Hoke:2002:STI


Harker:1981:QCD


Hosler:1985:DPS


Hosler:1986:DPS

W. Hosler, R. J. Behm, and E. Ritter. Defects on the Pt(100) surface and their influence on surface reactions —
REFERENCES


Holland:2005:BS


Heller:1972:MCT


Hong:1974:MHA


Hatzakis:1980:SOL


Hsiao:1981:RAS

Harris:1969:ODL


Hauge:1973:DOE


Hafner:2008:UDE


Hofer:2011:LEP


Hussan:2006:SDM

Harrer:2007:HSI

Hubbard:2010:PSM

Hebel:1964:IRB

Hefferon:2001:P

Harrison:2010:FSC
C. Harrison, B. Eckman, R. Hamilton, P. Hartswick, J. Kalagnanam, J. Paraszczak, and

**Heidorn:1976:APT**


**Heidelberger:1980:VRT**


**Heinrich:1990:PNO**


**Heisch:1994:TPR**


**Helinski:1979:HRS**


**Hempstead:1974:TIP**

R. D. Hempstead.
REFERENCES


Hennis:1968:IOP


Hendriks:1983:BCM


Hertrich:1965:AMT


Herrick:1966:SPD


Herz:1972:RCP


Herzog:1975:OSS

U. Herzog. Optimal

**Hess:1999:PAO**


**Hernandez:1978:MPR**


**Heiblum:1990:BHT**


**Heidelberger:1991:TSU**


**Hester:1994:PPP**

REFERENCES

Heller:2004:MIZ


Howard:1963:COG


Hunchett:1983:EMC


Himmel:2014:SDS


Horkans:1993:RRS

[HHA93] J. Horkans, I. C. Hsu Chang, and

Hewat:1989:ODS


Hannon:1969:COS


Huynh:1986:EAF


Horodecki:2004:QII

Held:1984:ATS

Habegger:1966:DLW

Harrison:1970:ISP

Hilgendorf:1999:EBP

Heidel:2008:P

Hathaway:1996:CPC


Peter Hanggi and Peter Jung. Bistability

**Ho:1994:EHH**


**Hu:2001:AFP**


**Himpsel:1998:ESM**


**Hall:1964:TPB**


**Hayes:2013:RTS**

J. P. Hayes, H. R. Koljar, A. Akhriev, M. G. Barry, M. E. Purcell, and E. P. McKeown. A real-time stream storage and analysis platform for under-

**Holloway:2006:MLM**


**Huott:1997:AMT**


REFERENCES

Ham:1960:EPT


Hoffman:1971:SMR


Hoffman:1987:MC


He:1989:EQP


Hokenek:1990:LZA

REFERENCES


Holmes:1997:MDL


Huang:2001:QCD


Halverson:1982:MSL


Hachtel:1981:SAUb


Hachtel:1981:SAUa

Hortensius:1990:CAC


Hogan:2011:USE


Hodgson:1982:LAC


Haran:1974:ITL


Haensch:2006:SCD


REFERENCES

Hofstee:2007:P

Harame:2003:DAM

Ho:1973:TCA

Ho:1975:MNA


Hoffman:1960:ECC


Hohl:1978:VPS


Holmes:1978:RCN


Honig:1970:LIE


Hopner:1959:EMD


Hopner:1961:PRD

REFERENCES


Horton:1957:GTM


Horton:1962:ESE


Horton:1976:WFD


Horkans:1993:PES


Horkans:1998:PMM

REFERENCES

Horn:2000:PDI

Hosking:1994:FKD

Hovel:1978:NMD

Howard:1982:OIA

Howell:1984:ACE

Howell:1989:SPS
REFERENCES

**Howard:1992:TFT**


**Humenik:1992:LDC**


**Hanan:1963:ACT**


**Hasty:1966:ASP**


**Hall:1984:CNC**


**Hopner:1984:DDE**

E. Hopner and M. A. Patten. Digital data exchange — a
REFERENCES

Howard:2001:MBU

Harrer:2002:FSL

Harrison:2011:PSC

Harris:1981:IDM

Hughes:2005:BMM
 REFERENCES


Heidel:2008:API


Ho:1980:CIT


Hu:1995:ESV


Hu:2007:SMA

Hill:1969:GMO

Hood:1987:AAI

He:2014:IBR

Hoffman:1960:MGD

Hellerman:1961:MAC

Howard:1971:ADD
J. K. Howard and P. J. Smith. Analysis of defect distribution
REFERENCES


**Hamacher:1981:CLA**


**Huon:1981:NPA**


**Hofmann:1982:PAS**


**Haas:1985:RSM**


**Hummel:1991:LSN**


**Hsu:2004:PIO**

[HS04] W. W. Hsu and

Huestis:2011:CLC


Horrall:2014:ERI


Hitchcock:1982:TAC


Hunter:2005:BN


Ho:1988:DBA

P. S. Ho, B. D. Silverman, R. A. Haight, R. C. White, P. N. Sanda, and A. R. Rossi. Delocalized bonding at


[HSM84] Jean Horkans, Carlos Sambucetti, and Voya Markovich. Initiation of electroless Cu
REFERENCES

[102x681] REFERENCES

Huang:2010:FBL


Huang:2010:FBL

Hiramoto:2006:ENS


Haynie:2009:ISZ


Hu:1969:SDA


Huang:1979:RPM

Hudson:1963:STA

Hudson:1976:LST

Huisman:1990:SEM

Hunter:1959:DMA

Hunziker:1971:NTG
January 1971. CO-
DEN IBMJAE. ISSN
0018-8646 (print),
2151-8556 (electronic).

**[Huth:1974:CSD]**

B. G. Huth. Calculations of stable domain radii pro-
duced by thermomag-
netic writing. *IBM
Journal of Research and Development*, 18
(2):100–109, March
1974. CODEN IB-
MJAE. ISSN 0018-
8646 (print), 2151-
8556 (electronic).

**[HVK+90]**

Ch. S. Harder, B. J.
Van Zeghbroeck, M. P.
Kesler, H. P. Meier,
P. Vettiger, D. J.
Webb, and P. Wolf.
High-speed GaAs/
AlGaAs optoelec-
tronic devices for com-
puter applications.
*IBM Journal of Research and De-
velopment*, 34(4):568–
584, July 1990. CO-
DEN IBMJAE. ISSN
0018-8646 (print),
2151-8556 (electronic).

**[Harder:1990:HGA]**

**[HW72]**

A. J. Hoffman and
S. Winograd. Finding all shortest distances in a directed network.
*IBM Journal of Re-
search and Develop-
ment*, 16(4):412–414,
July 1972. CODEN IB-
MJAE. ISSN 0018-
8646 (print), 2151-
8556 (electronic). Math-
ematics of numerical com-
putation.

**[Heidegger:1981:ASM]**

Philip Heidelberger and Peter D. Welch.
Adaptive spectral methods for simu-
lation output analysis. *IBM Journal of Research and De-
velopment*, 25(6):
860–876, November
1981. CODEN IB-
Huang:1987:SDT

Haas:2012:IIZ

Herzog:1975:SQP

Hohn:1988:AEL

Hauge:1984:ASC

Hellman:2003:ITS
Hanson:2006:UVM


Im:1964:GPG


IBGT:2008:OIB


Team:2013:DIB

REFERENCES

8646 (print), 2151-8556 (electronic).

**[Team:2013:IBG]**

IBM Blue Gene Team.


**[IBM13b]**

IBM Blue Gene Team.

**[Team:2013:MVC]**


**[IBM13c]**

IBM Blue Gene Team.

**[Iyer:2005:EDT]**


**[Iyer:2011:NSI]**

S. S. Iyer, G. Freeman, C. Brodsky, A. I. Chou, D. Corliss,

**Editor-in-Chief:2014:C**


**[Irwin:1971:IMT]**

REFERENCES


H. S. Ingham and P. J. McDade. Dislocation content in epitaxially vapor-grown...
REFERENCES

Iorio:2010:AFC


Inselberg:1976:CSI


Inselberg:1977:VGC


Irvin:1989:PIC

REFERENCES

IBMJAE. ISSN 0018-8646 (print), 2151-8556 (electronic).

Irvin:1991:MPC

Irvin:1993:MCD

Irvin:2001:ESC

Iglehart:1983:SNM

Iglehart:1983:SNS

Isaac:2000:FCT
Ismail:2000:BPH


Ito:1997:CAR


Ito:2000:CAR


Ito:2001:DBC


James:1981:ERT

S. E. James. Evolution of real-time computer systems for manned space-

**Jamieson:1989:SNR**


http://comjnl.oxfordjournals.org/content/32/1/93.full.pdf+html;
http://www3.oup.co.uk/computer_journal/hdb/Volume_32/Issue_01/tiff/93.tiff;
http://www3.oup.co.uk/computer_journal/hdb/Volume_32/Issue_01/tiff/94.tiff.

**Janak:1969:TEC**


**Jaquette:2003:LBF**


**Johns:2007:ICB**


**Jeppesen:1963:PLF**

R. H. Jeppesen and H. L. Caswell. Prenucleation of lead films with copper, gold,

**Jones:2000:FRS**


**Joshi:1966:DID**


**Joshi:1967:PPA**


**Jann:2010:ASE**


**Jeenel:1958:PTR**

J. Jeenel. Programs as a tool for research in systems or-


**Jain:1964:PRP**


**Jagannathan:1993:EPC**


**Jaramillo:2013:CSB**


**Johnson:1969:CS**


**Jones:1990:SFE**


**Jackson:1999:ISH**

K. M. Jackson and K. N. Langston. IBM S/390 storage hierar-

Johnson:1994:CDM


Judd:1996:SSA

Jimenez:1982:SEI


Jessani:1996:FPU


Johnson:1987:GPI


Jones:1960:TTD


Jona:1965:OCS


Jona:1970:LEE

Jones:1972:TDD

Jones:1975:ALM

Jones:1998:TEC

Jordan:2004:P

Jozsa:2004:ICQ

Jensen:1994:CMB
REFERENCES

almaden.ibm.com/journal/rd38-3.html


JQ00] J. L. Jordan-Sweet. Synchrotron X-ray scattering techniques for microelectronics-related materials stud-
REFERENCES


REFERENCES


REFERENCES


[Johnson:1991:WBC]

[Knickerbocker:2005:DNG]

[Kuchta:1995:PFD]
D. M. Kuchta, H. A. Ainspan, F. J. Canora, and R. P. Schneider, Jr. Performance of fiber-optic data links using 670-nm cw VC-

**Knickerbocker:2008:TDS**


**Kahan:1971:ECC**


**Kampf:1998:PFC**


**Kaneko:1974:OTS**

Kaneko:1978:CCP


Kandogan:2015:JTI


Karnaugh:1973:AEH


Karnaugh:1974:LPT


Kasuya:1970:EME


Kataoka:1989:IHS


Kaufman:1981:PIP

Frank B. Kaufman. Pi-Donor intercalate polymers: Synthesis, charge-transfer

**Kobayashi:1974:IDC**


**Ketchen:2006:PRS**


**Katircioglu:2007:SBC**


**Kosonocky:2003:LPC**

Kuan:1992:AEI


Koerner:2004:ZFE


Kick:1997:SCB


Krygowski:2009:FVI

Katopis:1999:MTD

Kalyanpur:2012:SDI

Kotecki:1999:BST

Kirkpatrick:1966:PAL
Kump:1966:TRP


Kapitulnik:1989:MTH


Koburger:1995:HCL


Kolar:2009:CRT

Kasiviswanathan:2013:NDD


KleinOsowski:2008:CDM


Kahan:1960:STF


Kostenko:2015:IZE


Kahle:2005:ICM

Kehr:1965:FSC


Krusin-Elbaum:1987:OSC


Kelley:1973:AES


Keller:1989:MRE


Kunkel:2000:PMC

REFERENCES

Kennedy:1961:MCA


Kennedy:1961:TCM


Keppel:1975:ACS


Kerr:1964:ETB


Keyes:1961:ECE


Keyes:1961:HLI


Kaeli:1997:PAC


Kandaswamy:2006:BWS


Kranik:1992:EAF


Kandiraju:2014:SDI


Koseki:1992:CFT

REFERENCES


REFERENCES


[KHZ+08] S. Kumar, C. Huang, G. Zheng, E. Bohm, A. Bhatle, J. C. Phillips, H. Yu, and
REFERENCES


Kitaoka:1989:NSM


King:1961:TLP


Kishi:1996:IRV


Kishi:2003:IVT


Kitazawa:1989:CUE

Koichi Kitazawa. Current understanding

**Kaiser:1986:SES**


**Kohn:1967:VHS**


**Kennedy:2011:LCI**


**Khan:2009:AHF**


**Kovac:1988:CAI**


Klein:1959:GPT


Karat:2009:PFS


Koerner:2009:ISZ


Koehler:1961:NHP


Kawas:2014:UFT

B. Kawas, A. Koc, M. Laumanns, C. Lee,


REFERENCES

Kurtzberg:1994:ABC


Koerner:1997:RCS


Kerr:1964:SSP


Kelly:1984:OIB


Klein:1964:SMT


Kwok:1971:DSG

REFERENCES


Kleinfeld:1991:PPP


Knickerbocker:1991:ISA


Klokholm:1987:DFT


Kan:1996:PPR


Knauft:1966:SNM


REFERENCES

Kano:2011:UCM

Kiang:1982:MSD

Koch:1982:ILP

Kemp:1998:DCP

Kennedy:1968:MIA
REFERENCES


[Knuth:1990] Donald E. Knuth. A simple program whose proof isn’t. In Feijen et al. [FvGM90], chapter 27, pages 233–242. ISBN 0-387-97299-4. LCCN QA76 .B326 1990. This paper discusses the algorithm used in TEX for converting between decimal and scaled fixed-point binary values, and for guaranteeing a minimum number of digits in the decimal representation. See also [Cil90] for decimal to binary conversion, [SW90] for binary to decimal conversion, and [Gri90] for an alternate proof of Knuth’s algorithm.

Kennedy:1965:AIA


Kennedy:1965:ECI


Kennedy:1966:ABC

REFERENCES

Kennedy:1967:MTL


Kennedy:1969:MTL


Kennedy:1969:MIA


Kennedy:1970:CAT


Kobayashi:1970:CSR

Kobayashi:1971:APD


Kochen:1959:EMS


Kogbetliantz:1957:CUE


Kogbetliantz:1958:CAUb


Kogbetliantz:1958:CAUa

Kogbetliantz:1959:CSC


Kohg:1974:PSR


Kohg:1998:PES


Kolsky:1967:SCA


Konnerth:1969:UTS

REFERENCES

MJAE. ISSN 0018-8646 (print), 2151-8556 (electronic).

King:2014:MFR


Kostenko:2015:PIZ


Kuo:1999:PPF


Koves:1959:APC


Kovac:2006:MGM


Kozen:1981:PFL


Kroll:1959:TFS


Keller:1979:EPR


Kyser:1980:CSE


Kalyanpur:2012:FBQ

REFERENCES


Kiseda:1961:MAM


Knickerbocker:2002:AMM


Karp:1987:ERP


Krakow:1981:CSH

Ku:1968:CLD


Kalantar:2014:WLR


Kriz:1982:RDR


Kronick:1958:MFP


Krongelb:1998:EPA

Kapoor:2012:ETA


Kruskal:1984:MMP


Kehr:1966:SAC


Keller:1979:SPM


Keller:1990:BSS

Kuczynski:2001:SMN


Kramer:2004:DSC


Korevaar:2007:IBO


Keihl:1990:HFI


Kozloski:2008:ITA


**Kusafuka:1998:DMG**


**Kuehlmann:1995:VFV**


**Konopnicki:2013:SAM**


**Knapp:1958:ESS**


T. C. Ku. An amendment to “A Theoretical Solution for the Magnetic Field in the Vicinity of a Record

Kuan:1995:PCI


Kuehler:1960:NEM


Kuhn:1960:SCL


Kuhn:1988:OLP

Kump:1965:DFU


Kumar:1992:UDC


Kumar:1998:VSD


Kuo:1992:RIE


Kuo:1999:PPP


Kurtz:1957:SCF

Kurtzberg:1987:FAS


Kuse:1970:IMO


Kuznietz:1970:LMI


Kochen:1962:CPC


Kidd:1976:PME


Koppelman:1983:OSI

Kirtley:1988:STM


Kisilev:2015:MIA


Koerner:2012:FVS


Kim:1984:MED


Kumar:2001:PFE


REFERENCES

[Landauer:1961:IHG]

[Langlois:1963:LLF]

[Langlois:1966:CTM]

[Lanza:1974:AAG]

[Langdon:1984:EIA]

[Langdon:1984:IAC]
Glen G. Langdon, Jr. An introduction

Langlois:1985:DEG


Lang:1986:EST


Landauer:1988:SVC


Landauer:1996:CSV


Landauer:2000:IHG

Landauer:2000:SVC


Lasher:1961:DSO


Lasher:1963:TRD


Lathwell:1973:SFA

8646 (print), 2151-8556 (electronic).


[Liberty13] John S. Liberty, Adrian Barrera, David W. Boerstler, Thomas B. Chadwick, Scott R. Cottier, H. Peter Hofstee, Julie A. Rosser, and Marty L. Tsai. True hardware random number generation implemented in the 32-nm SOI POWER7+ proces-
REFERENCES


**Li:2014:SDE**


**Logue:1975:HIS**


**Lo:1999:MCQ**


**Lee:1980:IPM**


**Levenson:1982:IPN**

M. D. Levenson and

[Lee:1983:BSE]


[Lee:1983:BSE]


[LCB93]


[Lay:1974:SCO]


REFERENCES

542, ????, 1998. CODEN IBMJAE. ISSN 0018-8646 (print), 2151-8556 (electronic).

Lindsted:1972:AET


Lever:1974:WVO


Laff:1963:DEG


LaPotin:2010:WNO


Lee:1984:MMP

REFERENCES


Lochtefeld:2002:NIC


Lorie:1991:EDP


LeMehaute:1962:ADI


LeBlanc:1962:ART


Lederle:1971:HCA

G. M. Lederle. Heat-transfer calculations

**Lee:1974:DFL**  

**Lee:1977:BLA**  

**Lee:1977:AMC**  

**Lee:2007:MIN**  

**Lehman:1964:CAE**  

**Lehmann:1978:INL**  
Leibowitz:1961:AMT


Leibowitz:1962:NSF


Lentz:1958:NAS


Lennemann:1974:AAD


Lester:1971:IPB


Lever:1964:EBS

R. F. Lever. The equi-

**[Lew73]**


**[Lev66]**


**[Lev77]**


**[Lew75]**


**[Lew78a]**

Sanford J. Lewis. Organic photovoltaic
REFERENCES


**Laux:1990:MCA**


**Lanzerotti:2005:MPI**


**Lafuente:1978:LFP**


**Leidheiser:1988:ITT**


**Liu:2003:DIA**


**Lanzerotti:2005:MPI**


**Lafuente:1978:LFP**


**Leidheiser:1988:ITT**


Le:2015:TMS


Libson:1984:GMR


Lesser:2000:RAM


**Lounge-Heimer:2003:COI**


**Lesem:1969:KNW**


**Lee:1981:NVC**


**Likharev:1988:CDT**


**Lin:1967:ETR**

Lin:1976:DCP

Ling:1981:HSB

Linsker:1984:IPW

Lipari:1992:PMS

Liptay:1992:DIE

Little:1962:KRM

Lien:1992:LFE
A. Lien and R. A. John. Lateral field


**Leavey:1993:DCI**


**Libsch:1998:UCH**


**Lee:1992:NMA**


**Lloyd:1967:AEH**

and Development, 11(1):86–92, ????.
1967. CODEN IBM-JAE. ISSN 0018-8646
(print), 2151-8556
(electronic). URL
http://ieeexplore.
ieee.org/stamp/stamp.jsp?tp=&arnumber=
5392020.

Lin:1980:COS
[LM80]
Shu Lin and George
Markowsky. On
a class of one-step
majority-logic decod-
able cyclic codes. IBM Journal of Re-
search and Develop-
ment, 24(1):56–63,
January 1980. CO-
DEN IBMJAE. ISSN
0018-8646 (print),
2151-8556 (electronic).

Laff:1985:TBR
[LM85]
Robert A. Laff and
Claus D. Makowka.
Thermal behavior of
resistive ribbon for
single-stylus excita-
tion. IBM Journal of Re-
search and Develop-
ment, 29(5):
527–537, September
1985. CODEN IB-
MJAE. ISSN 0018-
8646 (print), 2151-
8556 (electronic).

Logan:1970:MEC
[LMD70]
J. S. Logan, F. S.
Maddocks, and P. D.
Davidse. Metal edge
coverage and control
of charge accumu-
lation in RF sput-
tered insulators. IBM
Journal of Research and Develop-
ment, 14
(2):182–191, March
1970. CODEN IB-
MJAE. ISSN 0018-
8646 (print), 2151-
8556 (electronic).

Lee:1996:PPS
[LMHM96]
H. S. Lee, S. S.
Murthy, S. W.
Haider, and D. V. Morse.
Primary production
scheduling at steel-
making industries.
IBM Journal of Re-
search and Develop-
ment, 40(2):231–252,
March 1996. CODEN
IBMJAE. ISSN 0018-
8646 (print), 2151-
8556 (electronic). URL
http://www.almaden.
ibm.com/journal/
rd40-2.html#six.

Lorenz:1969:LCB
[LMPP69]
M. R. Lorenz, J. C.
McGrodly, T. S.
Plaskett, and S. Porowski.
Location of the (111)
conduction band min-
ima in the Ga_x/
In_{1-x}/Sb alloy sys-
tem. IBM Journal of Research and Develop-
ment, 13(5):
583–586, September
1969. CODEN IB-


REFERENCES

IBMJAE. ISSN 0018-8646 (print), 2151-8556 (electronic).


REFERENCES


[LPMDG14] R. M. Lotlikar, P. N. Pachigolla, D. Miller-


H. C. Lee and J. W.
REFERENCES


REFERENCES


REFERENCES

Lavenberg:1975:IRS


Lavenberg:1975:RSQ


Lavenberg:1976:SMP


Lavenberg:1977:SSR


Lewis:1976:SAN


Lanza:1978:NCC

REFERENCES

8646 (print), 2151-8556 (electronic).


[LSH80] T. C. Lo, Roy E. Scheuerlein, and Robert Tamlyn. 64K FET dynamic random access memory: Design considerations.


Lucovsky:1999:UNG


Ludeke:1978:EPS


Ludeke:2000:HEE


Luhn:1957:SAM


Luhn:1958:ACL

Luhn:1958:BIS

Lukes:1974:EAP

Lukes:1975:CSP

Luntz:1979:MBL

Lund:2002:P

Lyons:1962:UTM


T. W. McDaniel and P. C. Arnett.
REFERENCES


**Moreira:2005:BGP**


**Mann:2003:UPS**


**MacDonald:1960:DMM**

Melcher:1998:DFP


See addendum [MHI98].

Mueller:1999:RSI


Magdo:1973:TOS


Medeiros:2001:RPE

REFERENCES


1959. CODEN IBM-JAE. ISSN 0018-8646
(print), 2151-8556. URL

Marinace:1960:EVG

of Ge single crystals in a closed-cycle
process. IBM Journal of Research and Development, 4
(3):248–255. 1960. CODEN IBM-JAE. ISSN 0018-8646
(print), 2151-8556 (electronic). URL

Marinace:1960:TDV

[Mar60b] J. C. Marinace. Tunnel diodes by vapor
growth of Ge on Ge and on GaAs [letter
to the editor]. IBM Journal of Research and Development, 4
(print), 2151-8556 (electronic). URL

Marcus:1961:MPD

distance codes. IBM Journal of Research and Development, 5
(print), 2151-8556 (electronic). URL

Marcus:1962:FPI

[Mar62] P. M. Marcus. Foreword to papers in
this issue [fundamental research in
1962. CODEN IBM-JAE. ISSN 0018-8646
(print), 2151-8556 (electronic). URL

Marcus:1964:DMC

[Mar64a] M. P. Marcus. Derivation of maximal compatibles using boolean
algebra. IBM Journal of Research and Development, 8(5):
537–??, November 1964. CODEN IB-
REFERENCES

Marcus:1964:CCS

Marinace:1964:HPC

Marinace:1971:EFO

Marinace:1979:TSE

Marks:1980:CCC

Markstein:1990:CEF


REFERENCES

Mattis:1962:IFP


Matsumoto:1970:MEP


Matino:1985:AHC


Matick:1989:FCC


Mate:1995:FMS

REFERENCES

Matick:1998:MNM

Matick:2003:CAP

Mauri:1997:PIG

Mayeda:1960:SSF

May:1981:IWP

Mayo:1985:SCP
Randy D. Mayo. System control for
REFERENCES


May:1990:P


Mazza:1970:AIM


Mader:1975:DGP


Mayer:2012:URM


Michel:2001:PML


Morehead:1968:PJZ


Mercer:1987:MES


Mathias:2009:ACI


McAuley:1983:RDI


Mann:1995:SLI


McClure:1964:EBS

REFERENCES


McCann:1969:NRT


McGee:1981:DBT


McGroddy:1992:PPT


Meaney:2015:IZM


Melan:1982:QRA


Mitzi:2001:OIE

REFERENCES

January 2001. CO-  
DEN IBMJAE. ISSN  
0018-8646 (print),  
2151-8556 (electronic).  
URL http://www.  
research.ibm.com/  
journal/rd/451/mitzi.  
html.

McNutt:1994:BDM

B. McNutt. Background data movement in a log-structured  
disk subsystem. IBM  
Journal of Research and Development, 38  
(1):47–58, January 1994. CODEN IBM-  
JAE. ISSN 0018-8646  
(print), 2151-8556  
(electronic). URL  
http://www.almaden.  
ibm.com/journal/  
rd38-1.html.

Mattson:1965:TDC

R. L. Mattson and  
J. E. Dammann. A  
technique for determin-  
ing and coding subclasses in pattern recognition problems.  
IBM Journal of Research and Development, 9(4):294–302,  
July 1965. CODEN IBM-  
JAE. ISSN 0018-8646  
(print), 2151-8556  
(electronic).

Mason:2012:CDM

J. E. Mason and B. T.  
Denton. A comparison of decision-  
maker perspectives  
for optimal cholesterol treatment. IBM  
Journal of Research and Development, 56  
(5):8:1–8:12, ????.  
2012. CODEN IBM-  
JAE. ISSN 0018-8646  
(print), 2151-8556  
(electronic). URL  
http://ieeexplore.  
ieee.org/stamp/stamp.jsp?tp=&arnumber=  
6261580.

Massie:2012:ITR

J. G. Massie and  
W. J. Davis. IBM  
toolkit for radical  
simplification of business processes. IBM  
Journal of Research and Development, 56  
(6):3:1–3:10, ????.  
2012. CODEN IBM-  
JAE. ISSN 0018-8646  
(print), 2151-8556  
(electronic). URL  
http://ieeexplore.  
ieee.org/stamp/stamp.jsp?tp=&arnumber=  
6353952.

Mandelman:2002:CFD

J. A. Mandelman,  
R. H. Dennard, G. B.  
Bronner, J. K. De- 
Brosse, R. Divakaruni,  
Y. Li, and C. J.  
Radens. Challenges  
and future directions  
for the scaling of dy- 
namic random-access  
memory (DRAM).
REFERENCES

Maffitt:2006:DCM


Markatou:2012:CBR


Mathur:1970:SHS


Magoutis:2008:GMD

REFERENCES

[MDM10]

[MDZH02]

[Mee67]
REFERENCES

Meggitt:1960:ECC


Meggitt:1962:PDP


Meggitt:1963:DMP


Meggitt:1963:DDM


Mehring:1989:NMR


Mehta:2007:P

REFERENCES


Meissner:1962:SEE

Meister:1983:MYF

Melas:1960:CCD

Melas:1960:NGC

Mendelssohn:1962:EWS

Merritt:1978:OPM
Vingie Y. Merritt. Organic photovoltaic materials: Squarylium


**Meyerson:2000:LTS** [Mey00a] B. S. Meyerson. Low-temperature Si and Si:Ge epitaxy by ultrahigh-vacuum/chemical vapor deposition: Process funda-

**Meyerson:2000:SGB**


**Meyerson:2003:MVP**


**Murdock:2012:TEG**


**Makris:1971:EET**


**Meyer:2011:SOU**

A. Meyer, J. I. Flege, S. D. Senanayake, B. Kaemena, R. E.
REFERENCES


Maruyama:1977:HDA


Mach:1962:RSP


Melas:1963:NEC


Moll:1963:TCJ


Makous:1968:ELH

W. L. Makous and J. D. Gould. Ef-

**Melcher:1998:ADF**


**Matick:2001:AAF**

R. E. Matick, T. J. Heller, and M. Ignatowski. Analytical analysis of finite cache penalty and cycles per instruction of a multiprocessor memory hierarchy using miss rates and queuing theory.


**Mullerova:2011:STL**


**Montoye:1990:DIR**

Marder:2015:UIA


Mitchell:1962:DOS


Molloy:2010:IDC


Michael:1959:GFL


McClelland:1995:FFC

Michaud:1972:EIE


Michaelson:1978:RBA


Middelhoek:1962:SRP


Middelhoek:1965:PDB


Middelhoek:1966:DWV


Middelhoek:1970:MPF

Middelhoek:1970:PMT


Mills:1967:E


Miller:1969:CCR


Milewski:1983:PSO


Miller:1984:IIP


Miller:2000:CCR

REFERENCES


Mintzer:2008:P


Miranker:1960:WEM


Miranker:1961:PSW


Miranker:1969:PMA


Miranker:1972:EIS


Mittal:1994:PAS

Mitchell:1964:SHA


Marcus:1969:EDM


Maissel:1970:RSS


Moreno:1993:MTI


Matthews:1973:DGG

REFERENCES

8646 (print), 2151-8556 (electronic).

Manzer:2005:HSE


Murdock:2012:TCA


Meaney:2012:IZR


Mathews:1982:BCD

REFERENCES


REFERENCES

566

8646 (print), 2151-8556 (electronic).

[Moller:1983:RSR]

[MM91]

[Mhaskar:1994:DIB]

[McCord:2012:DPW]

[Moreno:1997:SEE]
REFERENCES

Mitchell:1969:MPE


Mathis:2005:CSM


Matick:1989:ADO


Mackerras:2005:OSE


Methfessel:1960:DWT


REFERENCES


<table>
<thead>
<tr>
<th>Reference</th>
<th>Title</th>
<th>Authors</th>
<th>Journal</th>
<th>Volume/Issue</th>
<th>Pages</th>
<th>CODEN</th>
<th>ISSN</th>
</tr>
</thead>
</table>
Monachino:1982:DVS


Montoto:1982:DMA


Moore:1960:MCR


Moore:1972:CMC


Morse:1962:UAS


More:1973:ATT

REFERENCES

Morawitz:1979:CEE


[Mor79]

Morgenstern:1989:GBH


[Mor89]

Moser:1961:BSD


[Mos61]

Moura:1986:EED


[Mou86]

McDermid:1961:MAM


[MP61]

Myers:1967:EBS


**Muller:1981:PT** [MP81]

**Mintzer:1982:MSP** [MP82]

**Mitchell:1988:OHS** [MP88a]

**Mintzer:1988:SIQ** [MP88b]

**Murgai:1982:OIP** [MPCF82]

**Muralt:1986:WLB** [MPD86]
REFERENCES

1986. CODEN IB-MJAE. ISSN 0018-8646 (print), 2151-8556 (electronic).

May:1990:PPM


Mericas:2015:IPP


Matick:1966:HSR


Micchelli:1972:TFH

(electronic). Mathematics of numerical computation. [MR87]

**Markowsky:1976:BCP**


**Meier:1976:EMR**


**Meier:1979:IDP**


**Morgan:1987:SSR**


**Mausser:2014:CER**


**Mohsenian:1999:SPC**

Maeno:1989:MEY


McCurry:1960:SCL


Mehta:1967:RMD


MacDonald:1975:SHO


Meshkat:1987:VDM

Siavash N. Meshkat and Constantine M.

Molteni:1989:TOS


Murley:1996:SMC


Matick:2005:LBE


Muller:2007:QOM

REFERENCES

Mak:2004:PSI


Maissel:1972:SHS


Murray:2001:CSN


Mack:2007:IPR


Mahindru:2014:SDU

Moore:1969:OAD


Martorell:2005:BGP


Murphy:1964:DAT


Maruyama:1977:DLC


Mulvany:1981:IDF

REFERENCES


REFERENCES

Matino:1977:ESB


Mullick:1967:PSN


Mulvany:1974:EDD


Murphy:1957:PIA


MacDonald:1962:FET

References

Martin:2010:PTS


Muehlbach:2007:CDU


Marsh:1985:DLI


Muehlbach:2007:CDU


Marsh:1985:DLI


Muehlbach:2007:CDU


Marsh:1985:DLI


Muehlbach:2007:CDU


Marsh:1985:DLI


Muehlbach:2007:CDU


Marsh:1985:DLI

Milder:1970:AHC


McCumber:1979:ACA


Magerlein:1980:ERL


Markowsky:1980:FWF


Mescia:1982:PAS


McPherson:2009:P

Moffat:2005:SFG


Mega:2014:DCS


Mak:2009:ISZ


Mueller:2007:FRC

M. J. Mueller, U. Weiss, T. Webel, L. C. Alves, W. J. Clarke,

McLean:1965:MAR


McLean:1967:CMP


Myers:1972:COC

H. J. Myers. Com-

**Moreno:2003:ILP**


**Nadas:1979:PP**

Nair:2002:EIC


Nowick:1961:LDFa


Nowick:1961:LDFb


Nyberg:2000:MER


Nicolau:1970:TPI

P. Nicolau, I. Bunget,

[ND57]


[NCB03]


[ND57]


[ND00]


[ND00]

**Newns:2004:NET**


**Neff:1990:FDB**


**Nesbet:1998:TSD**


**Nethercot:1960:STS**


**Nagle:2008:ATO**

Nicollian:1957:REH


Nguyen:1999:HDP


Nohilly:1991:PES


Nakagome:2003:RFP


Nicholson:1992:CEK

REFERENCES

0018-8646 (print),
2151-8556 (electronic).

Niijima:1995:DSF

Ning:2002:WBS

Nickel:1981:PTI

Norris:1969:RCC

Nathan:1962:EBM

Nowick:1965:HSM
A. S. Nowick and S. R. Mader. A hard-sphere model to


Nanda:2001:HTC


[NNMJ01]

Nobakht:1995:UTV


[Nobakht:1995:UTV]

Norden:1958:CFM

P. V. Norden. Curve fitting for a model of...


Nowak:2002:MBC


Nussbaumer:1978:CCD


Naveh:2007:WOI


Naghshineh:2009:IRD

REFERENCES


REFERENCES

Nussbaumer:1976:CCF


Nussbaumer:1976:DFU


Nussbaumer:1977:LFT


Newman:1964:MCV


Olson:2009:GST


Ohmacht:2005:BGC

[OBB+05] M. Ohmacht, R. A. Bergamaschi, S. Bhattacharya, A. Gara,


REFERENCES


Ortega:2003:GED


Oehme:2008:ISF


Odeh:1964:ETB


Odeh:1987:SST


Oehrlein:1999:SSI

REFERENCES

opment, 43(1/2):181–197, ???. 1999. CO-
DEN IBMJAE. ISSN
0018-8646 (print), 2151-8556 (electronic).
URL http://www.
almaden.ibm.com/
journal/rd/431/oehrlej.
hm.

[ODL+09]

G. M. P. O’Hare,
D. Diamond, K. T.
Lau, J. Hayes, C. Muldoon,
M. J. O’Grady,
R. Tynan, G. Rancourt,
H. R. Kolar,
and R. J. McCarthy.
The adaptive envi-
ronment: Delivering
the vision of in situ
real-time environ-
mental monitoring.
IBM Journal of Re-
search and Develop-
ment, 53(3):??, ???.
2009. CODEN IBM-
JAE. ISSN 0018-
8646 (print), 2151-
8556 (electronic). URL
http://www.research.
ibm.com/journal/
abstracts/rd/533/
ohare.html.

[OG87]

Oliver:1970:TMF

M. R. Oliver, J. O.
Dimmock, and T. B.
Reed. Temperature
and magnetic field
dependence of the
conductivity of EuO.
IBM Journal of Re-
search and Develop-
ment, 14(3):276–278,
May 1970. CODEN
IBMJAE. ISSN 0018-
8646 (print), 2151-
8556 (electronic).

[OG90]

Ormond:1980:RSG

Douglas W. Ormond
and J. R. Gardiner.
Reliability of SiO2
gate dielectric with
semi-recessed oxide
isolation. IBM
Journal of Research
and Development,
24(3):353–361, May
1980. CODEN IB-
MJAE. ISSN 0018-
8646 (print), 2151-
8556 (electronic).

OConnor:1987:SUV

Michael A. O’Connor
and Graziano Gentili.
Simple unit vectors
orthogonal to a given vector.
IBM Journal of Re-
search and Develop-
ment, 31(3):335–342,
May 1987. CODEN
IBMJAE. ISSN 0018-
8646 (print), 2151-
8556 (electronic).

Oehler:1990:IRS

R. R. Oehler and R. D. Groves. IBM
RISC System/6000 pro-
cessor architecture. IBM Journal of Re-
search and Develop-
ment, 34(1):23–36,
January 1990. CO-

[OH74] D. L. Ostapko and S. J. Hong. Generating test examples for heuristic Boolean 

[O'H78] John F. O’Hanlon. Phenomenological study of AC gas panels fab-


OBrien:1985:TPM


Onton:1976:SMA


Ohta:1995:UMR


Osogami:2013:TSE

REFERENCES


[OK82]


[Oka69]


[OKH+02]


[Okl03]

REFERENCES

Oktay:1971:MSB


OMalley:1985:ACA


Ohbuchi:1996:IMS


ORourke:1960:EPV


OConnell:1960:IBV

Ono:1993:APE


Olsen:1981:RSF


Ordonez:2012:VMT


OHanlon:1978:EOC


Oprysko:2003:P


Oehrlein:1992:PDE

G. S. Oehrlein and


Ostapko:1984:MMC


Oswald:1974:DDF


O'Sullivan:2014:ADM


Overmeyer:1970:CCD


O'Connell:2000:PNG


[Pai69] E. G. S. Paige. Bulk negative differential conductivity in germanium:
REFERENCES


<table>
<thead>
<tr>
<th>Reference</th>
<th>Title</th>
<th>Authors</th>
<th>Journal</th>
<th>Volume</th>
<th>Issue</th>
<th>Pages</th>
<th>Year</th>
<th>URL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Patlach:1972:DCM</td>
<td>Design considerations for a magneto-optic cryogenic film memory.</td>
<td>A. M. Patlach</td>
<td>IBM Journal of Research and Development</td>
<td>16(3)</td>
<td>313–319</td>
<td>1972</td>
<td>CODEN IBMJAE. ISSN 0018-</td>
<td></td>
</tr>
</tbody>
</table>


C. R. Paul. Modeling electromag-
### REFERENCES

**Peterson:1972:ASA**


**Pazel:1975:MCP**


**Persky:1969:NDM**


**Pareschi:1989:MIP**


**Perez:2007:CMI**


Poli:1996:ITA


Penner:2009:DHS


Pliskin:1964:NDT


Pennington:1985:RRT


Plass:2007:IPS

Pettit:1978:SAS


Pattnaik:2010:P


Pliskin:1967:PIT


Pearson:2009:MVP

Pehrson:1969:NDF


Pennebaker:1969:RSS


Pennebaker:1979:ISI


Pendry:1988:STD


Pennington:1991:MNP


Peres:2004:WAT


Plambeck:2002:DAZ

REFERENCES


Pesch:1971:CBD


Peterson:1957:ARA


Peterson:1958:CA


Petrick:1976:NLB


Peters:1977:ZON

Robert J. Peters. Zero order and nonzero

**Petersen:1979:MMS**


**Petersen:1980:STS**


**Petersen:1989:PAH**


**Pilkuhn:1966:GLS**


**Pidgeon:1970:ORS**

REFERENCES

Pfeiffer:1988:HHE

Perfecto:1998:TFM

Peterson:1965:NTD

Patel:1974:ORC

Paivanas:1979:AFS

Paivanas:1981:AFC
J. A. Paivanas and J. K. Hassan. Attraction force characteristics engendered by bounded, radially diverging air flow. *IBM

Piazza:2005:BTD


Pugh:1981:SSM


Phillips:1978:CEE


Pickover:1987:DVR


Pickover:1991:PRG


Pignal:1988:AHS

P. I. Pignal. An analysis of hardware and

Pimbley:1976:DFL


Pippenger:1979:ACT


Pippenger:1981:ACT


Pippenger:1987:CCN


Pistor:1974:SCR


Price:1961:AMM

Pease:1988:PLU


Pepeljugoski:2003:DOC


Parija:2007:SPP


Peng:1973:EDS


Pimbley:1977:SDF


REFERENCES


discoveries from laboratory to patient. 

**Pattnaik:2015:PIP**


**Podowski:2006:VCS**


**Pohl:1979:FRS**


**Pohl:1986:SDC**


**Pohl:1995:STA**

Polleys:1978:WFH


Pfleeger:2009:HPS


Platt:2001:QGU


Pittler:1982:SDT


Peterson:1959:CCL

(electronic). URL


[Price:1958:BRL]


[Price:1958:SMI]


[Price:1959:NTH]


[Price:1960:ACS]


Price:2007:MVP


Polgar:1965:DSG


Parikh:1980:PPE


Prisgrove:1986:SSP


Paolini:1991:IGT


Price:2009:MVP

Pantazi:2008:PBU


Pole:1980:IWM


Peirce:2006:MBI


Pugh:1967:DAD

E. W. Pugh, V. T. Shahan, and W. T. Siegle. Device and array design for a 120-nanosecond magnetic film main memory. \textit{IBM Journal of Re-

Poindexter:2007:OST


Pugh:1960:F


Pulleyblank:2003:MSN


Pulleyblank:2007:MVP


Phillips:1993:PCH

J. E. Phillips and S. Vassiliadis. Proof of correctness of high-performance 3-

**Probst:2002:FCC**


**Park:1995:FOR**


**Pliskin:1968:RTC**


**Peterson:1972:ICG**

T. I. Peterson and P. N. Wahi. Interac-

**Park:1978:EEG**


**Pierson:1983:LTT**


**Peskin:1991:IQV**


**Park:1978:EEG**


**Paraszczak:2013:PDR**


**Piccolo:1991:GWS**

Plouchart:2003:ASM


Quarles:1967:CMG


Raabe:1976:FBC


Rabedeau:1969:STI

Rado:1962:CPF


Radin:1983:M


Radin:2000:M


Rajamony:2011:PIP


Raimond:1969:MPD


Rios:2014:FSF

J. Rios, K. Anikeev, M. J. Richard, S. Kapoor, B. K. Ray, C. Toft-Nielsen,


REFERENCES

Raoux:2008:PCR


Rowe:2011:SAL


Reisman:1978:SGP


Rivers:2008:PPM

Rochwerger:2009:RMA


Ries:1993:ASB


Reason:2009:AIF


Rabinovici-Cohen:2008:PDN


Ringger:1986:SAA

[RCH+86] M. Ringger, B. W.
REFERENCES


Redfield:1957:TRP


Reeber:1959:GES


Rees:1969:TRH


Reid:1966:DTR


Reich:1969:EST


Remley:1967:STF

REFERENCES


Raghavan:2015:IPP


Reynier:1969:ESN


Raider:1978:XPS


Reynolds:2003:DCR


Rizzolo:2007:ISZ

Rothschild:1997:LWN


Rohrer:2009:ANR


Rideout:1975:DDC


Rao:1997:IPE


**Ryan:1995:EIT**


**Rosenbaum:1975:MOP**


**Rodriguez:1990:DUV**


**Rutz:1973:ASM**


**Rudge:1963:FEL**

Rizzolo:1999:SPM


Ryu:2013:IBG


Riordan:1960:ETH


Rissanen:1972:REP


Rissanen:1973:BWB

J. Rissanen. Bounds for weight balanced


REFERENCES

Route:1969:AAI


Randolph:1972:DFH


Reiser:1974:ADA


Reiser:1975:QNM


Ruoff:1988:DDP


Ruoff:1988:IAC

[RKL88b] Arthur L. Ruoff, Edward J. Kramer, and Che-Yu Li. Improvement of adhesion of
REFERENCES


**Rooney:2002:IRD**


**Rao:1999:ICB**


**Rissanen:1979:AC**


**Rojahn:2014:TCW**

REFERENCES


Rice:1970:MTT


Renegar:2009:PVC


Ray:2010:PBI


Rusu:2003:MSV


Rudd:1994:STB

Robbins:1967:GLC


Roehr:1966:INI


Rosenberger:1959:CO


Rosenberg:1966:MHF


Roshon:1978:EDC

D. D. Roshon. Electroplated diamond-
REFERENCES

Rosnagel:1999:SDS


Ross:2000:GPP


Rosenfield:2003:MDA


Roth:1960:MBT


Roth:1960:PMB

REFERENCES

651

Roth:1966:DAF


Rothauser:1966:IVA


Rottmann:1974:PIC


Rottmann:1980:OL


Rottmann:1982:MMM


Rutz-Philipp:1966:DTH

Rutz-Philipp:1967:PCN


Rocher:1970:AEH


Reisman:1978:AGD


Ram:2014:OSI


Raman:2008:ARP

REFERENCES

[Rorcher:1969:RTT]


[Rao:1983:IMO]


[Rossignac:1987:PCG]


[Reeves:2002:P]


[Riess:2001:ITI]


[Rhodes:1961:MFC]

REFERENCES


Robinson:1969:CME


Reed:1979:ISA


Rayfield:1985:ADC


Raghavan:1994:MVR


Ray:2014:PSF


Radio:1970:PAM

REFERENCES

Reilly:1982:PCI


Reuter:1991:MSB


Rabolt:1982:IOR


Rosenberg:1975:WMA


Reed:1999:PVE


Rosier:1969:SC

REFERENCES


Roehr:1965:FP1

Rubin:1990:EAM

Ruehli:1972:ICC

Ruehli:1979:SCE

Ruskai:2004:SBS

Rutz:1957:TCT
R. F. Rutz. Two-collector transistor for binary full addition. IBM Journal of Research and De-
Rutz:1959:MLP


Rutz:1964:NRT


Radicati di Brozolo:1989:CGS


Rogstadius:2013:CCS


Risken:1988:BTE

Roth:1959:ATM


Ratakonda:2010:ITP

REFERENCES


Srikrishnan:2007:SFA


Sedgwick:1970:DFG


Sakkas:1979:PDM


Stevenson:1963:LWP

REFERENCES


**Sanborn:1983:PNC**


**Santisteban:1983:PCS**


**Sanford:2012:MSV**


**Smith:2001:MET**


**Shatzkes:1981:SB**


**Sarkar:1991:APP**

Sarma:1991:EST


Sarkar:1997:ASH


Sato:1963:PTD


Sakuma:2008:CST

Sauer:1981:ASQ


Savir:1969:MCT


Savage:1970:TMD


Savir:1990:ICA


Smith:1962:OMC


Sorokin:1964:STA

P. P. Sorokin and N. Braslau. Some theoretical aspects of a proposed double quantum stimulated


**Shafti:2010:SOC**


**Seraphim:1964:EPT**


**Shum:2009:DMI**


**Schlipf:1997:FVM**


**Seki:1971:QAE**

H. Seki, I. P. Ba-
REFERENCES


**Sbirlea:2013:ADI**


**Shafi:2003:DVP**


**Smith:1982:BCH**

fective $g$-factor of holes in bismuth. 

**Shield:1987:DFD**


**Sauer:1975:AAC**


**Street:1981:CPR**


**Sorbello:1988:RRD**


**Shepard:1997:DMP**

REFERENCES


[Sch63] G. Schay, Jr. On a queueing problem arising in recirculating memories. IBM
REFERENCES


Schillinger:1964:NOC


Schneider:1967:NED


Schaffert:1971:NHO


Schneider:1975:AGF


Schmookler:1980:DLA


Schatzoff:1981:DEC

Martin Schatzoff. Design of experiments
in computer performance evaluation.  

**Schubert:1984:DGC**  

**Schneider:1985:WEH**  

**Schneider:1989:CTG**  

**Schlig:1991:STI**  

**Schlatter:1996:CTA**  

**Schlig:1996:CSC**  
REFERENCES


REFERENCES


Stapper:1982:EAV


Swope:2001:P


Sguazzero:1978:HNM


Schwarz:2002:MIE

Stanford-Clark:2010:APS

Schwuttke:1978:LCS

Shine:1971:AEE

Shih:1985:EPR

Succi:1989:LHI

Seader:1957:SCS
REFERENCES


[Seg68] A. Segmuller. X-ray diffraction topography of germanium
REFERENCES

Seki:1993:SIS


Selby:2007:MEO


Seraphim:1982:NSP


Seraphim:1981:EPE


Schrott:1993:AXS


Shaw:1977:TAP

Jane M. Shaw, Margaret A. Frisch, and Frederick H. Dill. Thermal analysis of

[SFT78]

Shang:2006:GCM


[SFG+06]

Schreiner:1965:ADC


[SFH65]

Sibuya:1978:NMN


[SFT78]

Swalen:1964:CAE


[SG64]

Schechtman:1971:ADA


[SG71]
July 1971. CODEN IBMJAE. ISSN 0018-8646 (print), 2151-8556 (electronic).

Street:1977:PPS

Shippy:1994:PFD

Stiles:1994:HPR

Sechler:1995:DAS

Spainhower:1999:IPE


Stork:1987:EMI


Shen:2010:PTE


Siegel:2004:LPM


Sayah:1996:DPH

REFERENCES


Srinivasan:2009:TIW


Simonyi:1978:OEF


Sanford:1998:OMR


Sarley:1957:RIC

REFERENCES


Schatzoff:1957:MMD


Schatzoff:1957:MMD


Shah:1963:IEO


Streetman:1969:COD


Strom:1984:NPM

REFERENCES

Scoggin:1987:F


Shafer:1958:PEF


Shannon:1958:CSI


Shahidi:2002:STG


Shabo:2012:MUP


**Sun:2005:TPM**


**Sunaga:1995:DGA**


**Shepherdson:1959:RTW**


**Shevel:1959:ORS**


**Shir:1972:NIA**

Shimizu:1973:NCS


Shichman:1985:PIP


Shimizu:2007:CBE


Sylvia:2012:TIT


Shor:2004:ACC


REFERENCES


Salapura:2013:RCC

Sai-Halasz:1990:ETP

Schmidt:2009:TIT

Sierra:1963:IMR

Siemons:1970:HMM
[Sie70] W. J. Siemons. Hall mobility measurements on magnetite above and below the electronic ordering temperature. *IBM Journal of Re-
REFERENCES


Sitton:1971:DTI [SJ71]

Sitaram:1987:IIM [SJ70]

Schwartz:1970:ACS [SJ70]

Srinivasan:1989:GTI [SJ89]

Schmackpfeffer:1970:HPG [SJK70]

Sri-Jayantha:2008:TME [SJMBK08]

Su:2015:LFB


Sawatzky:1969:CDR


Scarborough:1980:IOF


Scarborough:1986:VFC


Slattery:1998:DCA


Schwarz:1999:GFP

E. M. Schwarz and


REFERENCES

2010. CODEN IBMJAE. ISSN 0018-8646 (print), 2151-8556 (electronic).


Schwarz:2015:SAB

Sinharoy:2011:IPM

Shetty:2006:HHT

Sinharoy:2005:PSM

Sorokin:1966:SEO
P. P. Sorokin and J. R. Lankard. Stim-

**Sorokin:1967:FEO**


**Schweitzer:1976:BOS**


**Schubert:2015:SIP**


**Sandon:1997:NBD**

Seshadri:2009:RSR


Schild:1978:CDA


Sorokin:1967:LPS


Sofia:2015:IHP


Seeger:1997:TFI

D. E. Seeger, D. C. La Tulipe, Jr., R. R.
REFERENCES


**Sorokin:1964:RLS**


**Sorokin:1964:RLS**

**Slonczewski:1966:TDW**


**Silvestri:1972:GER**


**Seraphim:1962:FSO**

Stuiver:1963:ANC


Speliotis:1966:TAS


Smart:1971:RMS


Santisteban:1978:PCM


Slattery:1998:QC


Seshadri:2014:SDJ

[SMC+14] S. Seshadri, P. H. Muench, L. Chiu,

Stapper:1980:YMP


Smith:1957:MAM


Smith:1960:MCS


Smith:1977:SRP


Song:1999:GCM

REFERENCES


REFERENCES

Smura:1957:BWC

Shareef:1990:TBX

Sun:2014:IFB

Srinivasan:1987:VDM

Stohr:1998:MPT

Schmidt:2002:HES
R. R. Schmidt and B. D. Notohardjono. High-end server low-

Silverio:2002:HID


Smith:2009:P


Schoeberl:2006:MBD

REFERENCES


[SMITH:1959:MAG]

[SOFER:2013:PM]

[SOHONI:1976:ROA]

[SOLMAN:2002:PM]

[SHEIMIZU:1991:DCT]

[SOPKA:1959:AAI]
REFERENCES

Sorokin:1979:CIL

Sorokin:2000:CIL

Soule:1964:CFS
D. E. Soule. Change in Fermi surfaces of graphite by dilute acceptor dop-

Sowa:1976:CGD

Sowa:1984:ILI
REFERENCES

January 1984. CODEN IBMJAE. ISSN 0018-8646 (print), 2151-8556 (electronic).


A. M. Spool. Studies of adhesion by secondary ion mass spectrometry. IBM Journal of Research and Development,
REFERENCES


Schuessler:1972:DWS


Speidell:1997:MLA


Suits:2005:OMD


Sprokel:1961:URD


Sprokel:1963:LSC

G. J. Sprokel. A liquid scintillation counter using anti-
REFERENCES

coincidence shielding.  


[SJR71] J. S. Sandhu and

Singh:1997:HNA


Srinivasan:1996:MCS


Schubert:2011:FVI

Silverman:1993:XLB


Shapiro:1959:MTE


Swanson:1959:DAPb


Sorokin:1961:SSO


Shedler:1976:DMR


Schlig:1978:CVC

E. S. Schlig and G. R. Stilwell, Jr. Characterization of volt-

**Shedler:1982:RSN**


**Stone:1986:ACD**


**Stone:1987:EST**


**Stone:1988:WMW**

Smith:1993:XLN


Schlig:2000:SRL


Shaw:2001:OEI


Soffer:2015:PMV


Sow:2012:RTA


Starke:2015:CMS

W. J. Starke, J. Stuecheli, D. M. Daly, J. S. Dod-

**Speckmann:2011:ASI**


**Shaw:1969:IBC**


**Schechtman:1973:IUT**


**Schwarz:1997:CFP**


**Sciampacone:2010:EMS**

R. A. Sciampacone, V. Sundaresan, D. Maier, and T. Gray-Donald.

Shapiro:1962:SET


Sinharoy:2015:AFI


Sechler:1967:ACD


Sugerman:1969:STD


Sanford:1998:SLV

J. L. Sanford, E. S. Schlig, T. Tomooka, K. Enami, and F. R. Libsch. Silicon light-valve array chip for
REFERENCES


See addendum [SW98].

**Swalen:1977:PPT**


**Sagnis:1965:CMM**


**Sha:1972:NCA**


**Scarborough:1991:CIE**


**Schaffer:2012:EII**

REFERENCES

Schatzoff:1975:DES


Smith:1989:DEC


Standish:1967:TRR


Stacy:1973:QLE


Stacy:1975:CBQ


REFERENCES

IBMJAE. ISSN 0018-8646 (print), 2151-8556 (electronic).

[C] [Sta87]
Stapper:1987:CAP


[C] [Sta89a]
Stapper:1989:FPI


[C] [Sta89b]
Stapper:1989:LFC


[C] [Sta90]
Starke:1990:DTD


[C] [Sta97]
Stanich:1997:PQE

REFERENCES

Stapper:2000:LYM


Stathis:2002:RLG


Seraphim:1984:PAM


Stevens:1981:EMS


Steele:2001:UBB

REFERENCES


Stillman:1979:SMB


Stoll:1991:PPT


Strickland:1959:TEC


Strong:1968:AGR


Stroebel:1981:MRT


Strole:1983:LCN

REFERENCES

8646 (print), 2151-8556 (electronic).

**Stuehler:1970:IMP**


**Shave:2008:LDM**


**Sugai:1959:NSL**


**Suits:1975:FBT**


**Sun:2006:SAM**


**Surkan:1969:SPO**

A. J. Surkan. Symbolic polynomial op-


Sinharoy:2015:IPP


Sips:2013:CEB


Stuehler:1967:COM


Su:1974:NDD


Smith:1983:TNA

REFERENCES

MJAIE. ISSN 0018-8646 (print), 2151-8556 (electronic).

Sowa:1986:ISI

Steele:1990:HPF

Sanford:1998:ASL

for both IEEE 754 and S/360 formats, and a twenty-year retrospective in [?]. 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")

See also input algorithm in [Ch90, ?], and a faster output algorithm in [BD96] and [Knu90], IBM S/360 algorithms in [ABC+99b]
Swanson:1957:CFO


Swanson:1959:DAPa


Shea:1991:IVV


**Shahidi:1995:CSM**


**Stahl:1974:DRS**


**Swenson:1962:TPD**

REFERENCES

[SWF+09] G. Salem, D. W. Wit-
lenza, R. J. Frishmuth, R. Yaari, S. Michnowski, and U. Baur. Structural and func-
tional test of IBM System z10 chips. IBM Jour-
nal of Research and Development, 53(1): 5:1–5:11, January/February 2009. CO-

[Swi62] J. C. Swihart. Solutions of the BCS in-
tegral equation and deviations from the law of corresponding states. IBM Jour-
nal of Research and Development, 6(1):14–

Swihart:1962:SBI

detection in massive social networks using MapReduce. IBM Jour-
DEN IBMJAE. ISSN 0018-8646 (print), 2151-8556 (electronic).

Sun:2012:FOS

X. Sun, L. Xu, Y. Yu, and Y. Pan. Facilitating observational study for com-
parative effectiveness research. IBM Jour-
nal of Research and Development, 56 (5):5:1–5:12, 2012. CO-
ieee.org/stamp/stamp.jsp?tp=&arnumber=6261585.
REFERENCES


[Tak87] Hideaki Takagi. Exact analysis of round-

Tang:1974:SAG


Tang:1996:NPC


Tang:2008:SNG


Tappert:1982:CSR


Tarnawsky:1963:TTI

REFERENCES


REFERENCES


**Tzortzatos:2009:ISZ**


**Tu:1963:TMS**


**Tang:1984:IEP**


**Takatsuji:1998:EAN**


**Troester:2015:IIF**

M. Troester, P. J. Clas, M. Kuenzel, I. Leoshkevich, P. Schulz.


Tran:1982:VDV


Tsang:1998:DFP


Tremaine:2001:IME


Treinish:1991:CVT

Tzou:1980:CDM

Tesauro:2012:SLO

Tosima:1964:ESM

Tromp:2011:PCL

Theis:2000:FIT

Thiebaut:1988:FDI
Dominique Thiebaut. From the fractal dimension of the intermiss gaps to the cache-miss ratio. *IBM Journal of Research and Development*, 32
REFERENCES


REFERENCES


REFERENCES

[Tit61]

[Tit63]

[TJHK03]

[Taub:1964:DTD]

[Thompson:1969:NEI]

[Tetzlaff:1989:ABS]
William H. Tetzlaff, Martin G. Kienzle, and Juan A. Garay. Analysis of

**Tummala:1992:HPG**


**Tsang:2000:PIC**


**Tang:1970:ECT**


**Todd:1985:PRC**

Topol:2006:TDI


Turgeon:1999:GGB


Taur:1995:CSC


Tang:2008:NSM

REFERENCES

Tanase:1998:NBS

Tsai:2001:HBB

Tu:1977:MKP

Todd:1978:AHM

Todini:1978:UDC
REFERENCES

8646 (print), 2151-8556 (electronic).


**[TPC+13]** L. A. Treinish, A. P. Treinish:2013:EHR

Turtur:1991:IID


Traub:1977:PSN


Triebwasser:1958:SSO


Troutman:1980:VDP


Tromp:2000:LEE

Rudolf M. Tromp. Low-energy electron
REFERENCES


[Tromp:2000:PPE]


[Totta:1969:SDM]


[Tendolkar:1982:ADM]


[Turgeon:1991:TAA]


[Takano:1992:CDG]

REFERENCES

8646 (print), 2151-8556 (electronic).

[Takena:1988:CES]

[Tsui:1980:JRS]

[Tseng:1974:TBL]

[Talke:1975:EST]

[Tsuji:1998:ACS]

[Tu:1975:TLI]
Y. O. Tu. Theory of liquid ink development in electropho-
 REFERENCES


Tu:1990:SIE


Tucker:1960:FCP


Tucker:1960:SMG


Tuel:1968:CAS


Tuel:1976:ABP


Turner:1969:RAW

C. W. Turner. The role of acoustic wave amplification in the

**Turgeon:2002:P**


**Turgeon:2007:P**


**Tasini:1962:MIO**


**Tibbetts:1969:HPR**


**Thornley:1974:SSM**


**Takagi:1985:HSS**

N. Takagi and C. K. Wong. A hard-

---

**Twardeck:1977:EPV**


---

**Twardeck:1985:CRR**


---

**Tiwari:1990:CSH**


---

**Tian:2014:PRS**


---

**Tang:1989:FLS**

REFERENCES

Teng:2010:TPA


Thomas:1964:SCM


Takahashi:2014:MPM


Tang:2011:GDS


Umbach:1988:NHS

REFERENCES


**Urschler:1975:ASP**


**Vanderlinden:2005:BST**


**Vecchiola:2013:ERI**


**vanderPool:1972:OSA**


**vanderPool:1973:OSAa**

vanderPool:1973:OSAb


vandeLindt:1977:DTG


vanKampen:1988:RSN


vandenBerg:1989:ODS


VanHuben:1997:RTC


vonGutfeld:1982:LPE

REFERENCES


Varma:1989:IRC

Vayghan:2012:PIE

Buttlar:2002:ZCE

Vranas:2008:MPQ
REFERENCES


REFERENCES


Visegrady:2014:SCV


Pool:1972:OSA


Vertes:1994:MTT


Vergnieres:1980:MGA


Verbruggen:1988:FQT


Vogel:1974:WLI

REFERENCES


[VanVechten:1979:ERN]

[Voldman:1981:SC]

[vanKempen:1989:EDA]

[Vieira:1986:BCS]

[Vilkelis:1982:LRA]

[Vinal:1981:MSU]
1981. CODEN IBMJAE. ISSN 0018-8646 (print), 2151-8556 (electronic).

**Viveros:2014:MVP**


**Vaidyanathan:2007:MNF**


**vonHagenow:1962:IFP**


**vonKanel:2010:TKE**


**Vogt:2009:IBQ**

REFERENCES


S. Völker and R. M. Macfarlane. Photophysical hole burning in free-base porphyrin

**VanHuben:1999:PMV**


**Voldman:1983:FNS**


**Vaden:1994:DCP**


**Vogt:2014:ASP**


**Voit:1965:DPL**

REFERENCES

vonMolnar:1970:TPE

Vora:1971:SSI

Valentine:2012:IZH

Velardi:1988:CGA

Vassiliadis:1988:PEA

Vouk:2009:UVT


Viswanathan:2009:EDD


Viecco:2009:PAA


Vida-Torku:1990:TGV


Vuillemin:1964:HFG


Vural:1970:HFN

B. Vural. High-field nonohmic behavior of the $p$-type ferromagnetic semiconductor Ag$_x$/Cd$_{1-x}$/Cr$_2$/Se$_4$. *IBM Journal of Research and Development*, 53(2):??, ????, 2009. CODEN IBMJAE.

vanEmdeBoas:1986:SEH


vanKempen:1986:AHS


Vahtra:1978:EPH


Valentine:2002:ASE


Vaughn:2011:TEE

REFERENCES

0018-8646 (print), 2151-8556 (electronic).

VanHorn:1990:LIC


Wynne:1979:SBA


Wazlowski:2005:VSB


Ward:2009:TTB


REFERENCES


Warran:1990:ISI


Warlaumont:1993:PXR


Washo:1977:RMS


Washburn:1988:FEC


Watanabe:1960:ITAa


Watanabe:1960:ITAb

Satosi Watanabe. Information-theoretical aspects of

**Wittekoek:1970:MIB**


**Wendel:2011:IPP**


**Winkel:2004:FSL**


**Woodward:2010:AMS**

REFERENCES


**Warnock:2015:IZC**


**Wu:1975:ALT**


**Winarski:1986:MDC**

REFERENCES

Wyman:2007:ZZI


Welbon:1994:PPM


Wolf:2006:SRP


Wong:1982:DAS

REFERENCES


REFERENCES

8646 (print), 2151-8556 (electronic).

Weinberger:1979:HPL


Weinberger:1991:ADO


Welch:1961:DDM


West:1978:GTC


Wesley:1990:PCM


Wang:2010:SHD

abstracts/rd/542/wang-schwarz.html.

**Widmer:1983:DPT**


**Wakefield:1987:REP**


**Wu:1993:TSC**


**Wilcke:2006:IBM**


**Webel:2004:RCM**

Winograd:1994:PMS


Wheeler:1988:WSS


White:1970:MFD


White:1972:RNI


White:1993:CMC

REFERENCES


[Wie90] J. M. Wiesenfeld. Electro-optic sampling of high-speed...

**Williams:1985:DIS**


**Wilson:1993:XLI**


**Wile:1997:DLV**


**Williams:2009:P**


**Winograd:1962:CLO**


**Winthrop:1970:SSH**

<table>
<thead>
<tr>
<th>Reference</th>
<th>Title</th>
<th>Volume, Issue, Pages</th>
<th>Year</th>
<th>DOI</th>
</tr>
</thead>
<tbody>
<tr>
<td>Warnock:2002:CPD</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Wajda:1960:EGS


Warnecke:1973:RID

A. J. Warnecke and P. J. LoPresti. Refractive index dispersion in semiconductor-related thin films.


Webb:1997:HFC


Webel:2015:RPM


[WMB15] C. R. Walters, P. Mak, D. P. D. Berger, M. A. Blake, T. C. Bronson, K. D. Klap-

**Wile:1997:FVC**


**Wetter:1992:UNL**


**Williams:1991:VMD**


REFERENCES

Wong:2002:BCT


Wood:1975:HDP


Woodcock:1987:TPP


Wootters:2004:PQP


Worledge:2006:SDM


Watteyne:2011:SCT

REFERENCES


REFERENCES

Wrenner:1983:LMP


Westerink:1999:TPM


Wright:1983:DCA

[Wri83] Robert E. Wright. Documenting a computer architecture. 

Walker:1957:EMA


Williams:1964:AWP


Wilson:1972:HID

REFERENCES


**Wang:1975:TVC**


**Winkler:1990:FPP**


**Wahl:1983:HOI**


**Wong:1977:DMF**

REFERENCES


Wright:1998:ALR


Wolfe:1987:SMP


Wong:1976:DOM

Wisniewski:2003:EEC


Wyma:1957:TDP


Wong:1992:TCD


Wyman:2004:MLC

REFERENCES

West:1978:AVC

Wang:2010:BBS

Yamashita:1996:DRS

Yu:1990:SCW

Yannoni:1971:MNM
C. S. Yannoni. On measuring nuclear magnetic shielding anisotropies in liquid
REFERENCES


**Yanagisawa:2007:MAP**


**Yarter:2012:PCD**


**Yashchin:1985:ADC**


**Yashchin:1987:SAT**


**Yashchin:2007:MRL**


**[Zab77]**


**[Zab79]**

REFERENCES


REFERENCES


Zyuban:2011:POM


Zweig:1965:CCM


Zappe:1971:UOJ


Ziegler:1996:TCR


Ziegler:1998:TCR

REFERENCES

Zable:1987:FDH


Zable:1997:OIP


Ziegler:1996:ATC


Ziegler:1996:PTC


Zyuban:2003:BHI

Zee:2007:ISZ


Zerfos:2013:PAM


Ziegler:1996:PFC


Zyuban:2013:IPD


Zuliani:2001:LR


