A Bibliography of Publications in *Computers and Graphics*

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/

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**Title word cross-reference**

\[(n + 1) [SA87]. + [JHPhR11]. 1 [RPM97]. 2 [AA07, BDRV01, BPKG07, BGLA18, BD97, CLH+16, CMB17, Dur89, Dur91, DGR93, GWX+18, JJL97, KD11, KP95, Kor90, La94, LHS87, LWD+18, LBTM15, MHLB16, Mar09, MS08, MB97a, NG88, Oik98, OddCA02, RJS01, RDCVL16, RCG+05, Sak02, SVP82, SK06, WBRV16, WUH+15, WR02, YF09]. 2(1/2) [Oik98]. 2.5 [ST97]. 21/2 [BG91, NP96]. 3 [AT08, AMHWW16, AG15, Ano03f, Ano03-62, Ano05-41, Ano07-39, Ano13o, AA13, ABCO12, ABM+06, BM03, BK98a, BF02a, BND+17, BCS+99, BCG11, BY88, BWdBP13, BSF13, BTA19, BPKG07, BN03, BGLA18, Bou09, BJ01, BS01b, BK89b, BHL+15, BKL15, BAC14, BD17, CCCS08, CKS98, CPC+18, Car96, CMSF11, CVB16, CB97, CW03, CC08, CSG+17, CCM+18, CSK97, CBNJ+15, CGH97a, CCW01, CB10, CH12, CHSD95, CMS17, CS18, DCJH13, DNP05, DMS08, DG01, DSR11, DRY97, DGR93, EK93, ET07, EBC+15, EBR+14, EME15, FH11a, FH11b, FTB12, FDM18, FM98, FS98, FJW11, FWX+18, FSS+02, FCSB90, Fer01, GPTB02, GVV99, GD95, Gin09, GMd+13, Gom85, GA12, GSS06, GVK18, GBG88, GN98, GY+13, HZ15, HLY+19, HKHP11, HKBA17, HR88, HHC17, HHHF10, HRO7, HCLC16, HS99]. 3 [IR96, IO91, JH89, JKE01, JHPhR11, JAKS4b, JCFN18, dSJdML18, KS98, Kau85, KSM07, KAS87, Kau88, K+00a, KDL11, KRC+06, KCK17, KP95, Kle86, Kor90, KTY+17, KLL+15, KEVD18,}
KD15, KYM12, LaT94, LPD+18, LBD17, LMC13, LK18, LBLV16, LVM+11, LYW+10, LLLC11, LLLZ16, LYL+17, LG94, Lin97, LJWCh07, LXB+15, LZZL+15, LM16, LXCW18, LWD+18, LSGFRC+13, LUB+13, LYS+16, LB19, LR90, LBTM15, MALM16, MHLB16, MaJ98, Mar79, MG09, MAG+12, Mar10, MWA+13, MFP11, MCKS06, MY16, MSRB17, MS09b, NG88, NC12, NP88, NAK13, OK09, OK03, OP13, PSBD19, PRRR13, PK01, PS12, PS13b, PA07, Pic88a, PPG+18, PTT+16, PCD+15, PPVT03, RV01, RTB+18, RBB+11, RB06, RO13, RMG15, RHBS95, SBB04, Sak02, SBWS11, SVNB09, SGC00, SM99, SF98, SD15, SPT18, SA17, SLL+17, SLX+16, Sm87, SBS13, SET+88. 3 [Sla92, SJ09, SHBS17, SGE512, SK06, SS75b, SCFF16, SK13, TTT19, THL15, VBT13, VG04, VAGT08, VDK19, WBA16, WS12, WBB+08, WTM12, WZZ18, WGS+18a, WGS+18b, WUH+15, WH96, WBL+97, Wol02h, WWS+13, WLG04, XLL+18, YZ17, YLT+18, YNS94, YHX10, ZLLG18, ZM07, ZMK18, ZZZDZ10, ZPL+15, dGDDV11, dLLC99]. 3x+1 [CDR01]. 4 [KD11, KCK17, RAK+15]. 567 [VLD15]. 6 [ZMK18]. 2 [LaV07, GSY94]. 3 [How88]. * [PF16]. P F H [CH01]. T M [DW89]. A [ALC06, Ano04-56]. α [VM15, LLGA12]. alpha < 0 [DBG93]. C [CZ98, GB91]. C0 [BFRA11]. C1 [Wie03, Pie84]. C2 [KP18, SZ09, Wil03, YCZ04, Lan88, Sar92a]. d [DW89]. E2 [KKZ04, Sk94, Sk96]. E3 [Ska97]. ε [CA17, JS09].

\[ e^{-\alpha z + Z/z - Z} = 0 \] \[ YHS93. \]

\[ F(z) = e^{iz} + c \] \[ G \] \[ SP16. \]

\[ ASC17, ASC18, LH18, Pet18. \]

\[ G2 \] \[ LH18. \]

\[ G^n \] \[ ZQ12. \]

\[ J \] \[ CZ98, CZC02. \]

\[ J^2 \] \[ CNS+06. \]

\[ kd \] \[ CCI12. \]

\[ L \] \[ HP01, OdlCA02, QLVC96. \]

\[ L_0 \] \[ CZL14, CFZL16. \]

\[ L_\infty \] \[ BCG08. \]

\[ M \] \[ SK13, Car99a, CZ98, CZC02, S0b89. \]

\[ N \] \[ PGV99N06, ZGC15, And98, Liv18, SA87, Wnt98. \]

\[ O(1) \] \[ Sk96. \]

\[ O(\log N) \] \[ Sk94. \]

\[ P \] \[ YS97, WMRA+15. \]

\[ R^4 \] \[ BSL+13, CP13. \]

\[ t \] \[ AMHWW16. \]

\[ x(t) = -f(y(t)), y(t) = f(x(t)) \] \[ Pic87a. \]

\[ xy \] \[ Baw97. \]

\[ z \] \[ CZ98, DBG93, GBV92. \]

\[ z \rightarrow z^2 + c \] \[ BGG93, GB91, GBV92. \]

\[ z \rightarrow z^w + c \] \[ CH93. \]

\[ z \rightarrow z^2 + \mu \] \[ Ent89b. \]


/Future [Ano03-41]. /PEX [PH90].

/PEX-environment [PH90].

'04 [Ano04-59]. '05 [Ano04-58]. '07 [Ano07a]. '08 [CIW90].


academic [SET+88]. accelerate [BCG+94, Cas88, GBKG04, KPFT03, Oik98]. Accelerated [KJ08, XPL90, CMM16, FC00a, FBP96, HJW97, MLM03, TyZTF12, YK18]. Accelerating [WZW97, LCD15, NH08]. acceleration [CF13, Ng95b, WKBK98]. accelerators [Mar10]. acceptance [MD99a]. Access [RJS98, BL96, CLH+16, FN99, KBP96]. accessible [MGH13]. account [HJ03]. accumulation [ZNT+18]. accuracy [CSF8, FGP+10, KSH17, Mar02b].

Accurate [HHCM17, KK16, PvdSL19, WHT18, FM17, GM02, HH10, HLYM01, MMS15, TSY11, TVL16, WBP02]. achieving [CGWW16]. Acivos [Ano04d, Ano05e]. ACM [Ano01d, Ano01-42, Ano01-57, Ano02-50, Ano04-58, Ano07h, Ano07i, Ano07a, Ano07b, SIG02, SUF+18, Ano04c, Ano01g, Ano01d, Ano02e, Ano02b, Ano02c, Ano02d, Ano03c, Ano03f, Ano04e, Ano04f, Ano04-39, Ano05y, Ano06c, Ano07h, Ano07i, Ano07j, Ano07k, Cou92a].


Adaptive [BF02a, BD13, CH94, GSA89, LGRP14, LZ14, MVS14, PM91, SMFF04, BSJC02, BDA19, BAS+15, CNS+06, CGMS00, FTB16, FJ17, Fou11, FN99, GA07, KK16, LLZ16, LLW+19, LOfD02, LWP02, MX14, MWA+13, PMTK01, PHLW15, Pur87b, SKSZ93, SM99, SK04, SCC11, SWL+16, TF18, WEWL99, WPf+14].


Adjusting [COP17]. adjustment [FK82, HLO16, LTH+19]. Advanced [Ano94a, BS09, FBT93, FASS16, GSO4, HKS00, KDS04, Mit77, Wes94, Ano04d, Ano04h, DWI+15, Gag95, GMTH+96, HR97, SR95, WKO12, Ano02f, Hol94]. Advances [All77, Ano07e, Ano07d, Man99, Ano13b, MLM03].


Aesthetics [Ano12s, CIW09, BCM17, Nik06]. affected [KP95]. Affective [LB12]. Affine [RBB+11, FPC10, Jac95, JSG04, Lan97, Mar01, Mar03, Mar04, Mar09, dCNPD14, PdFS06, VT06, VMAL16]. Affine-invariant [RBB+11, VMAL16]. affinity [WWS+13].

Africa [AMC03]. AFRIGRAPH [Ano01c]. After [Jac93]. afterimage [MSR+13]. against [MD99a, WHH06]. agency [O004]. agent [G+01, OP15]. Agents [CF96, dHT01, Ano03-37, Ano03c, BCS08, GSO1a, GKT02, MSAR01, RJS98, TB18, ZI00].

AGF [Wis87]. aggregation [Bou06a, WWS+13]. aging
Aid [Per84, Pic84]. Aided [DIE78, Dro78, GS84, GSME04, LS79, Mar79, ME83, Str85b, Tan94, CGH97a, CGH97b, Coo79, GHM⁺96, HKPL98, JKR00, JZR88, KABF18, KAV⁺88, MMV88, PGB86, PGR83, Shi06, Tan80, VBVS88, WF88]. AIM2003 [Ano03g]. Aims [EHBM82]. Aircraft [BSPR77, DIE78, Dro78, SS75a, Tes84]. aircraft/store [SS75a]. airfoils [RAHA88]. airport [AD85]. Alan [Hol94]. Alexis [CL96]. algebraic [ANE17, Gin02, Pra92, ZD04]. Algebraic [PK85, Mok87, Mok88, PMZ97, WF11, WM89, WGLS00, ZLS98, ZLS99]. ALGOL [DEW75]. Algorithm [Ger86, MK89, PR93, SEDT⁺03, VM15, AnD19, AS91, Ang97, AFW⁺18, APSS01, AÇÖ96, BP94, BJ97, dLB99⁻12, BC13, BK93, Car92, CS98, CYCL90, CC01b, CGZZ15, CH94, CY94, CN05, Day92, DR15, DWH⁺15, Eas75, FS86a, FRWW14, FS98, Fli91, Fou11, FDA03, FPB96, Fun99, Goe95, Gom14, GS89, Hor82, HH91, IKB00, JV91, Jas88, JPP01, KL07, rK93, KLP01, Kla91, Kle86, Koh96b, Kru99a, L903, LL92, LJCW04, LP902, MMLRA01, MFK94, Muk86, NY06, PIMM98, PB97, PR92b, PYD⁺05, Pie83, Ran87a, Ran91, RG15⁺15, RGG02, RM91, Sah15, SSV07, SMMS01, SR02, SGC00, SF98, SH94, Sen98, Sen99, SZ95, SLL⁺17, SDD95, SEC90, SEZG93, SG15, Ska93, Ska94, Ska97, Sl92, Sm93, SPO87, Str86, TSB97, TFW00, TPN95, TTS2, TYS⁺03, TCO0, VHS12]. algorithm [WYZ⁺11, W91, WPB92, WTL⁺11, WGLS00, WH06, X08, XL10, YHX10, YS97, ŽC99, ZSW08, ZP92, ZS02, ZCZ⁺18]. Algorithmic [VPBY02]. Algorithms [And85, DGR93, FS98, GP86, GD87, Haz79a, HL93, HN85, Mok88, SGM97b, VD98, ATB98, AEA13, AG13, Boe91, Bor91, Cas88, CCM⁺07, CMS98, Fos87, GIZ95, HP03, JAL03, Kau88, KHK18, KNMP14, LPV95, LT5, MFL11, Nar89, PGR83, PS91, PF80, PPSS96, QN98, SGM97a, SM92, SA86, SKM98, VK07, WEWL99, YR98]. aligned [CL06]. aliasing [IV93, MA18, SG92, SMSS13]. aligned [CGH94, LXW⁺10, LSH18, MCS⁺18]. Aligning [LBLD11]. alignment [BND⁺17, CSL18, LWD⁺18, MG09, Med86, PCGS15, ZSS⁺18]. allows [Par75b]. along [CGH94, FPR92, MS07, WA02]. Alphabetic [Ano15a]. alteration [QD03]. Alternate [PMPR⁺16, Sar03]. alternative [Sar92a]. ambient [Ano04g, AMGA12, DVND10, LVVC06, WCH⁺11]. ambiguity [MAH00, ZCT95]. AMDO [Ano06-35]. AMDO-e [Ano06-35]. American [PFV03]. Ames [EHBM82]. among [GKLM07]. amount [Car92]. amounts [SKH⁺05]. amplitude [Sen99]. amplitude- [Sen99]. Amsterdam [Ano06b]. analogs [CR07]. analogy [Cho06, GrIG12]. Analyse [CF77, CV77, RPM96]. analyser [VH02]. Analysis [Ano77, Ano01-58, Ano02g, Ano02h, Ano03-56, Ano04-60, Ano06a, Ano06-51, BRSP15, BS77, BG80, BS82, CS85, DB93, JH11, Loli95, MAD5⁺19, MPS85, NYKN83, Per84, SM98, Ade86, AYZ12, ABG⁺18, AJ94, AL06, AK13, ANGH11, Ano01-28, Ano03-55, Ano04n, APSS01, AF11, BNPS10, CTJ⁺14, CTGL94, CH96, Cor76, Cot75a, DDM⁺06, DBS⁺11, DSB96, EME15, FP75, GYD75, GD95, Gro91, Gro92, HJW⁺08, Han84, H⁺00b, HBB14, HK15, IMMS82, ID17, KGM75, KF88, KDO0, KD15, LBLD11, LXH⁺15, LM16, LRR7, LRHS14, MLM⁺17, MCM14, MS82, MSD75, NC07, NFLYCO99, OST⁺16, OL96, Paq05, PiP00, PPP88, PS13b, PPL91, PM84b, PWJ⁺18, PVV⁺18, Pol83, RAA88, RAK⁺15, RBG⁺09, RdCVL16, RGH⁺19, SMS09a, SMS09b, SC97, SHD⁺17.
Ste75, TMP07, VBS+15, VT07, WUH+15. 

analysis [Wel76, WZZ+18, WSX12, XLM12, ZC07, ZZDZ10, Ano04b, Ano05c, Ano07-37]. 

analysis/synthesis [MS82]. Analytic [AMGA12]. Analytical [Haz79b, JT02, ABCO12, RH85]. Analytics [KKMT06, BN07, CTJ+14, EBST14, GTdS+18, GPTP10, GWBD17, HK15, JSMK14, MA14, RWD14, SVVS+17, WK14, WJD+09]. analyze [Cas96]. Analyzing [EHM84, EBST14, PL97]. anamorphosis [Lan97]. anatomic [DEST95]. Anatomy [BND+17, LD11]. anatomy [ILLC01, PS18, SCSG18]. anatomy-based [ILLC01]. anchors [LLH17]. ancient [APA+11, LXPP06]. Andrew [Cyc93]. Andries [Mil92b]. Android [NSL16]. aneurysm [KGK+07, WCA+11]. aneurysms [MVPL18]. anisomorphic [AA07]. Anisotropic [YLT+18, EWWL00, FB15b, LH14]. anisotropy [MF02]. ANNOR [KB15]. annotated [CLH+16]. Annotation [WDH09, KB15]. annotations [LDM+11, LSE18, SGBP17, SLRP16]. Announcement [Ano77, Ano95q, Ano95r, Ano95s, Ano01g, Ano01h, Ano01i, Ano01k, Ano01w, Ano01u, Ano01v, Ano01q, Ano01r, Ano01p, Ano01s, Ano01t, Ano01o, Ano01m, Ano01n, Ano01x, Ano01z, Ano01y, Ano01-27, Ano01-28, Ano01f, Ano01-29, Ano02f, Ano02e, Ano02g, Ano02h, Ano02i, Ano02j, Ano02l, Ano02k, Ano02o, Ano02p, Ano02m, Ano02n, Ano02q, Ano02r, Ano03-30, Ano05c, Ano05f, Ano05h, Ano05g, Ano05i, Ano05j, Ano05k, Ano05l, Ano05-27, Ano094p]. 

Announcements [Ano95d, Ano95e, Ano95f, Ano95g, Ano95h, Ano95i, Ano02s, Ano06d, Ano06e]. Annual [Ano95x, Ano95y, Ano95w, Ano01-59, Ano06-27, Ano04a, Ano04-58, Ano03b]. Anomaly [JSMK14]. anti [CL06, MA18, SG92]. anti-aliased [CL06]. anti-aliasing [MA18, SG92]. Antialiased [HN85, CC01b, LK00, MX12]. antialiasing [GH98, VH02]. Antics [Kit77]. ANTS [RCD+04]. anxiety [JP10]. any [CN+06, Seg88]. API [CS04, NSG05, SK04]. APIs [TBM+04]. 

APL [GN80, GS87, Haz77, Po83]. 


appliances [HK04, SG92]. Application [Dai93, DW82, DTZ09, Gra85, GA88]. 

MCM+18, SGM97b, SKO83, Ste75, TNU+01, Tes84. TBM+04, Ano02-53, AG94, AAB92. 

CDPS06, CGR87, CFMS02, CMLR11, FGES96, GD00, GLT+97, GB75, HMHB08, IU09, IT11, JT86, JY98, KKC94, LZLS18, Mar86, MRF06, Mil03, Mit87, MUH10, PPL91, PP90, RCB15, Ram06, RBF17.
SGM97a, She12, SKSI95, SZW10, SPS96, Van89b, VR16. **Application-Oriented** [Dai93, Gra85, Mar86].

**Applications** [All77, Ana94p, Ana03-54, Ana06c, BGT16, Bjo85, GPS18, Kar92, AJ94, Ana04p, Ana04-54, AFM93, BCM+16, BDD03, BEFV94, CTN+17, CG87, CIK99, CUD06, DQF04, DL93, FG96, FP07, FSS+12, FN99, GBF14, Gin93, HMW91, Jac95, Kal04, KDS04, LZSG03, LJWcH07, LODF02, Mar02b, MLP01, ML12, NAS18, OKBG08, PS12, Pat15, SXSY14, WG17].

**Applications** [All77, Ano94p, Ano01-54, Ano06c, BGT16, Bjo85, GPS18, Kar92, AJ94, Ana04p, Ana04-54, AFM93, BCM+16, BDD03, BEFV94, CTN+17, CG87, CIK99, CUD06, DQF04, DL93, FG96, FP07, FSS+12, FN99, GBF14, Gin93, HMW91, Jac95, Kal04, KDS04, LZSG03, LJWcH07, LODF02, Mar02b, MLP01, ML12, NAS18, OKBG08, PS12, Pat15, SXSY14, WG17].

**Approach** [Bar77, Car84, Eas85, Ent77, Jer85, ME77, ASM12, BCCG11, BrdSOS17, BMT96, BCC10, DSC07, CVL+04, CS03, CSZ92, CCW13, CGWW16, BCM+11, CSK97, Cho06, CR13, CK75, DVF06, DG06, Dor90, EW99, FST97, For84, GWP00, GPT10, GWB17, GZW12, HFWQ99, HS14, Hor82, HL06, IAA9, Kas87, KJ01, LK18, LWW08, LYZ15, LP92, LST96, LK94, Loh95, MQW09, Mar04, Mar09, MPM15, MKP17, MMS15, MCKS06, MKHN01, MY16, MB18, MMK18, NS87, NMM09, Nov03, OIF+11, PP16, PPM18, PMS87, PT04, PM95, PCP15, PPS96, PM13, RMD11, RR15, RAG05, Sar03, Sch85a, SBS6, Sen03, SK16, StDbKB11, SvL09, Smi75, SPL14, Sta87b, SGZ10, SS04b, TT12, TS87, UPT02, VV89, WM12, WSG10, WMW13, XGZ11, XCG+16, XLQP12, ZNG16, Zay12, ZGW+16]. **Approaches** [AB78, HF85, Neg77, NT00, BKR+16, DAHF04, MSE17, RCBS10, SKSZ99, SF92].

**Approaching** [Gna84]. **Approximate** [Aum89, GO06, FH94, GLDK95, dGWM16, SL12b]. **approximated** [GTG06]. **Approximating** [dCNPdFS14, Mar09, Spr04].

**ApproxClock** [Ala85, DFNP84, DG96c, EH96, HY93b, BRSP15, BPS+10, LD09, LZZ1, LJWcH07, LODF02, Mar02b, MLP01, ML12, NAS18, OKBG08, PS12, Pat15, SXSY14, WG17]. **approximations** [DZ91, KH00, KRRS12, PF09]. **arbitrarily** [AA00].

**Arbitrary** [Cor82, EK93, ASC17, ASC18, CDW11, CVB16, CM15b, CYM16, CDGC94, KC07, K1e86, LQ12, MW12, MS82, NA013, Pet18, PR11, RL1, SR15, Seg88, TPM14].

**archaeological** [DS11]. **archaeology** [IT11].

**archeological** [CLE13].

**Archetype** [MO90]. **Archetype-oriented** [MO90].

**ARCHI** [DZ79]. **Archimedean** [ZK17].

**Architectural** [DZ79]. **Her85**, PEV15, ASKCK03, BCCG11, DVF06, DBS+11, DA18, SS96, Shi06, SF92, YMYH12].

**Architecture** [AP88, Ana12p, GG86, Mar86, Rix84, AKPS00, BK9a, Ban85, BH91, BES00, BL96, CCR87, CVH03, DH95b, EHSF17, EMB+98, FB04, HI05, JL17, Kn95a, KS15, KNMP14, LXXP06, MMP98, MR95, MNSJ99, PKW95, Rog85, SEDT+03, San93, SL03, SR95, SDD05, ST02, SVLBF10, SBD+94, XWW+18, dGHC09, PK03].

**Architectures** [BOH97, MPR89, MB97a, TPB08, Ana94a].

**archival** [Kir93].

**archive** [LBD11].

**arcs** [HE80].

**Arctic** [Sul85].

**Area** [BP93, DV90, KK08, BR07, Bru75, DTZ09, DK92, GWA+11, GN94, Jas88, KJS17, KJS18, Ran87b, Str86].

**Area-efficient** [KK08]. **areas** [WUH+15].

**ARF** [Mit87].

**arguments** [RPAM04, RPAM06].

**Arithmetic** [Ala85, ML79, FPC10, LP93, Mor76, dCNPdFS14, PdFS06].

**arm** [Car92].

**Aroundplot** [JHPhR11].

**arrangement** [Ala85, ML79, FPC10, LP93, Mor76, dCNPdFS14, PdFS06].

**approximate** [GTG06].
GBA15, OGSSLM$^+$07, CLT07, CR13, Med86, WUH$^+$15, XGZ11, YY88

**Automatic** [And85, ADT$^+$16, BRdSOS17, DFWW15, GDDA13, Kuo01, LRD07, LMC13, LW88, LP83, MHW10, MMV$^+$14, OVWK16, Pic94, QWC14, RCB15, SAB12, SL12a, SSM11a, Spr93, Spr94, SP95, UT99, WLL$^+$12, YZ17, A294, ABJ90, CUD06, FK82, GD95, HBF09, HS14, HAB75, LUB$^+$13, LPV92, MSMP12, Pha89, PCGS15, SR02, TDR$^+$17, TH90, VFS10, YF90]

**Automatically** [AWI$^+$09, LLLC11, MD99b, SCH$^+$18]

**automating** [ESFGDZ97]

**automaton** [Ada97, McC02]

**automotive** [BDRV01, Gin93, OH83]

**autonomous** [FvdPT01, GS01a, GKT02, PCS00, SFC01]

**autonomously** [ZBP$^+$18]

**autostereoscopic** [MBPF12]

**Autumn** [Loy91]

**aux** [Le 77]

**auxetic** [OMP$^+$18]

**auxetic-inspired** [OMP$^+$18]

**auxiliary** [QWC14]

**avalanche** [MMSS03]

**avatars** [D$^+$01, PCS00]

**averaged** [BF07, Rag09]

**Averaging** [Bar77, CMLR11]

**aviation** [For84, RCB15, SL02]

**Avions** [For84]

**avoidance** [LKC98]

**avoiding** [LMW06]

**Award** [Ano07-38, Ano12s, Bas77, Bax77, BP08, Str85b, AK06, AI98, APS09, AC90, dSASP$^+$15, ANGH11, Ano04-51, Ano06-49, ALD12, AVHT17, ABCO12, AVM05, ADT$^+$16, AÇÖ96, BDPR93, BSJC02, BKR$^+$16, BJ97, BX99, BWD13, BKWC14, BERW97, dLBRM$^+$12, BES00, Bin15, BBE14, BN03, BSL$^+$13, BP10, BCM07, BJS01, BAS$^+$15, Bri95, BEKL00, Bth14, BRPC18, BAC14, BD17, Bus97, BBP10, CDW11, CSP19, CTN$^+$17, CTS$^+$10, CFH$^+$18, CK09, CSZ92, CHS01, CS16, CWTL08, CGZZ15, CD15, CSLY01, CAL$^+$04, CPC90, CYYK96, CN05, CCCP04, CDGC94, CGW07, CV97, DLS$^+$11, DCV98, Dav95, DG96b, DVF06, DVS$^+$11, DMV06, DL09, DW13, DLZY14, DWH$^+$15, DGA02, DDPT98, Duc18, ECH90, ELC$^+$12, EBST14, EK15, EM$^+$98, FBH$^+$01, Fat01, Fat02, FR98, Fen88, FWX$^+$18, FB14, FB15a, FWW13, FR88, FJS11, FJ03]

**based**
Bézier [CM15b, SR15, ASC17, ASC18, BS93, BFRA11, CCKW11, CYM16, DM00, LKL+02b, MR90a, Pet18, SV18, SM07, ZZ15, GdMF03, ZFS03, ZFSY04]. BFGS [FRWW14]. Bi [YR96, ASC17, ASC18, CV97, Pet18]. bi-cubic [ASC17, ASC18, Pet18]. Bi-directional [YR96]. bi-level [CV97]. biarc [SXSY14]. biased [Sar92b]. biases [MD99a]. bibliography [San06]. bicubic [Com01, MZ89]. bidirectional [HE15, JC95, MMK04, STT+18, OKBG08]. bifurcations [Dal00, FM00, Wal06]. bifurcations [Dal00, FM00, Wal06]. big [KS15, TPRC18]. Bijective [WHFL16]. bike [OST+16]. bike-sharing [OST+16]. bilateral [YMZ+15]. Bildschirmtext [FP87]. Binary [Wir80, AF00, AS95, BK89b, LP93, LCD15, MLPB02, OM96, QB92, SK06]. bincode [TC00]. bincode-based [TC00]. binodes [HC95]. binding [GD11]. Binet [NR07b]. binocular [BBE14]. binomial [ME92]. Bio [CLF+06]. Bio-edutainment [CLF+06]. biochemical [EBST14]. biographic [DPS10]. Biographies [Ano15a]. Biography [Ano02u]. Biological [CHMR78, CH96, GNL+15, JH89]. Biology [PB11]. biomechanic [LPV92]. Biomechanical [SH94]. biomedical [MGJ+11]. Biomorphic [Ley02, Stu91]. biomorphs [Odica02]. biotopy [FSS+02]. bplane [FR92a, K+00a]. biquadratic [KP15]. bisection [GIZ95, Ran91]. Bit [Dur89, Flu87, MDJ+95]. Bit-mapped [Flu87]. bivariate [CLWQ09, ZDT07]. black [BD98, G09, Lee01]. blades [RJKV12]. Blaschke [KKS93]. Blaubeuren [Sieg02]. blended [WZT97]. Blending [LY15, OKT01, SSBT01, AC01, BSDP10, BPKB15, Bru14, CCCS08, CW03, KP15, LW99, MS01, PP16, Pie89, SZ09, YCZ04, ZP07, ZQ12, dGWvdW09]. blends [GBF14, ZGC15]. blind [WLDB11]. blinkers [PR96]. blinks [PQ10]. blob [LJWeH07]. Blobtrees [dGWvdW09]. Block [ACG15, DS93, KJ08, PHLW15, SGS99]. block-based [PHLW15]. blocks [PR96]. blood [KGK+07, MVPL18, RHBS95, WCA+11]. blood-coil [WCA+11]. Blue [XHGL12, NSG05, ZGS+16]. blue-c [NSG05]. blue-noise [ZGS+16]. blur [BBHC15]. blurred [DRFRD06, SK06]. Board [Ano16d, Ano16e, Ano16f, Ano16g, Ano16h, Ano17h, Ano18e, Bro06a, GN94, GHFH08, SH96, You89, ZW88, Ano85d, Ano86f, Ano94a, Ano95t, Ano96b, Ano97b, Ano99h, Ano10a, Ano10b, Ano10c, Ano10d, Ano10e, Ano10f, Ano11e, Ano11f, Ano11g, Ano11h, Ano11i, Ano11j, Ano12c, Ano12d, Ano12e, Ano12f, Ano12g, Ano12h, Ano12i, Ano12j, Ano13d, Ano13e, Ano13f, Ano13g, Ano13h, Ano13i]. Board [Ano14a, Ano14b, Ano14c, Ano14d, Ano14e, Ano15b, Ano15c, Ano15d, Ano15e, Ano15f, Ano15g, Ano15h, Ano15i, Ano15j, Ano16a, Ano16b, Ano16c, Ano17a, Ano17b, Ano17c, Ano17d, Ano17e, Ano17f, Ano17g, Ano17h, Ano18a, Ano18b, Ano18c, Ano18d, Ano18f, Ano18g, Ano18h, Ano18i, Ano19a, Ano19b, Ano19c]. Board/Publication [Ano04x]. Board/Publication [Ano16d, Ano16e, Ano16f, Ano16g, Ano16h, Ano17a, Ano17b, Ano17c, Ano17d, Ano17e, Ano17f, Ano17g, Ano17h, Ano18a, Ano18b, Ano18c, Ano18d, Ano18f, Ano18g, Ano18h, Ano18i, Ano19a, Ano19b, Ano19c].
ceramic [CGH97a, CGH97b].
cerebral [MVPL18]. cerebrovascular
[ZZJ+14]. certain [GD87]. Certificate
[Ano01v, Ano01-44, Ano01-45, Ano02s, Ano04-37, Ano04-32, Ano05z, Ano01u, Ano02-44, Ano02-45, Ano03-33, Ano04-36, Ano06-32]. Certification
[Pfa83, Bro84, Tho84].

Certification/validation [Pfa83].
Certifying [BMP84]. CFD [Lar03].
CG [FT02, LWP02, MLPB02, NA02, Shi02, ZS02, Ano86e, Ano95k, Ano95l, Ano95m, Ano95n, Ano95o, Ano95p, Ano04-59, PZH+05].
CGE04 [Ano04i]. CGEMS
[Ano06k, Ano07f, Ano07m, Ano05o, Ano05q, Ano05n, Ano06j, Ano06l, Ano06g]. CGI
[An04j, An05p, CEM89, FF96, HTKRW88, PZH+05, CGE04].
CGI05 [Ano05b]. CGI2002
[Ano02v]. CGIM [Ano03d, Ano04l, Ano04k].
CGV [TAS09]. CGV-An [TAS09].
chain [Bri03, PS02]. Chained
[MHCL15]. chains
[FR98, GdMF03]. Challenges
[Ano01-38, Gin93, SB97]. change [TOY+14].
changes
[BBHC15, CHSD95, HS00, LCCS04].
channel [CS04, HLO16, RBFS10, VHON04].

Chaos
[Ano99a, Ano99b, BGR94, Bap99, CGR98, CZ02, CCW99, Coo00, Coo01a, Coo02, Coo07, Kei97, PBN97, QV95, RC94].

Chapters
[Mad95]. character
[CBU+15, HHG97, MLH97, RRC+18, SZ95, SCG98, ZBP+18, dAU14]. characteristics
[LJCW04, MAdS+19]. characterization
[PK86, RLB+02]. Characterizing
[CA17, EK15, SSKI95]. Characters
[GW84, dPCOO+05, CYJ+13, FvdPT01, GD04, MHN01, PQ10, SFC01, VVCN12, ZMYH06]. chart [MVS14].

Chebyshev [Pat15]. check [AG13].
Checking
[PMK85]. cheese [PM90].
chemical [IE98, RW87]. Chernoff
[ZW10].

Chief
[Enc83a, Enc93, Jor18c, Jor18d, Jor18e, Jor18f, Jor19a, Jor19b, Jor19c].
Children
[SB77]. China
[Ano12o].
Chinese
[CWW84, HWW84, IWM94, JXY87, PMZ97, SEMWC05, W100, YP05, ZCL+18, ZM07]. chip [Ack96]. choice
[Kei89, Ye02]. choreograph
[M092].
choreographies
[RDD+18]. chromatic
[HKPL98]. Chromodynamics
[TBL17].

CIHuMI
[JGA09]. CIMA
[Sal85, Sch85a]. circle
[Car99b, FC00b]. Circles
[Pic89, And94, PK91]. Circuit
[Per77, CS88, PGR83]. Circular
[BM08, FS88, TMSB09, CGH94, WHH06]. circulation
[AC96]. City
[RV01, CSM+01, SV06]. CIVR
[Ano07h, Ano07i]. CLAP
[RR92]. Clark
[NA02]. class
[ALC06, Ano04-56, HLCF88, SCFF16].

class- [ALC06]. Classes
[Ran88, GD87, San06]. Classification
[Egh83, HGH+18, Sch86b, BRdSOS17, CVL+04, CR13, FGP+10, GA12, GK96, GS11, KS01a, KGK+07, OPR92, SPT18, SPL14, UPT97, YLH+18, ZK07, dAPG18]. classification-based
[SPL14, ZK07]. classifications
[McD06]. Classified
[ZCZ+18]. Classifier
[HR07, IR06]. classify
[Cas96, KJ01].

Classifying
[TPK13, LSGFRC+13, WLW05]. classroom
[BM03]. cleaning
[PPM18]. Clearance
[OP15]. client
[JHL+12]. Clipmaps
[DR15]. Clipping
[CB78, DGR93, AS91, Aro89, CM15a, Dai92, Dor90, J08, LL12, LWP02, MA15, SM92, SEC90, Ska93, Ska94, Ska96, Ska97, SPY87, WHH06]. Clodion
[DSM99]. cloning
[HLO16]. Closed
[Cor82, PK91, VM15, WA02]. closest
[GO06]. closings [ZQ12]. Cloth
[ZY01, BD13, BWD13, DG07, FRC06, HSE10, KLO7, LDC96, Lin97, LKC98, LSWL13, NG99]. clothoid
[HEWF13, MS09a, WM05]. Clothoidal
[ZY01, BD13, BWD13, DG07, FRC06, HSE10, KLO7, LDC96, Lin97, LKC98, LSWL13, NG99]. clouds [BLW12, DFWW15, DG17, GM04, GM1+13, HLZ+17, LSK+10, LHCL05, OVKW16, RMP+19, RBF+17, SSV07, SWL+16, VBS+15, ZCL+13, vOMRI+15].
clotho [BLW12, DFWW15, DG17, GM04, GM1+13, HLZ+17, LSK+10, LHCL05, OVKW16, RMP+19, RBF+17, SSV07, SWL+16, VBS+15, ZCL+13, vOMRI+15].
cloth [BGLA18, CZCG04, ERWS12, KZ04, KS15, LCZ+11, LKC98, LSWL13, NG99]. clothoid
PSR, Pra99, Rad96, Rag79, Ric78, Rob78, RW87, Rog85, Row86, San06, Sch88, SGR+99, SKO83, SGS99, SAKB75, SMG77, Smi77, Sou93, SD16, SO75, Var92, VP77, VBS88, VCHR07, Wal93b, Wal94b, WFS+82, WF88, Wis87, Wu02, dos01, ASM12, Ano91a, Ano91b, Ano01-65, Ano04j, Ano04l, Ano04-59, Ano05b, Ano06-47, Ano12o, AMC03, Ban85, Ben79, BF02b, Bou02, BEKL00, BL82.

**computer** [Bru75, CGR87, CVHM03, CC05, CLT07, CK75, Cor84, Cot75a, Cun00, EW75, Eck90, FE04, FVG15, FP75, GMM18, Gri88, Gro91, GS89, H+00a, HS05, Han97a, Han97b, HS00, HH88, HLS89, HvK87, HL02, IC87, JK90, JXY87, KD94a, KS98, KAFB18, Kel86, KF02, KS04, KY97, KB04, Kor87, LS18, Mar76, Mar86, MDSU88, McW87, McW90, M09, MG08, MMV88, Mit87, MY16, MHM95, MY97, MBP14, MTB18, NT95, NK01, Nol95, Nov03, Nis91, OC00, OSZ00, PGB86, PGR83, Pau88, Per02, Pic92b, Pot77b, Pra92, PPV03, Qu91, Roj91, Rok93a, RWE05, She12, Shi06, SL12a, SL18, Sma93, SS75a, Spr75, SF91, Sul85, SS04b, TSD87, Tan80, Tax04, Tei96, TMK94, Van94, Wal93a, Web87, W00, W01, Wri75, ZP04, Ano01-34].

**Computers** [Ano04j, Ano04l, Ano04-59, Ano04m, Ano06k, Ano07l, Ano07m, Ano07a, Ano07b, Ano07c, Ano07d, Ano07e, Ano07f, Ano08i, Ano08j, Ano08k, Ano09b, Ano09c, Ano09d, Ano09e, Ano10a, Ano10b, Ano10c, Ano10d, Ano10k, Ano10l, Ano11a, Ano11b, Ano11c, Ano12a, Ano12b, Ano12o, AMC03, Ban85, Ben79, BF02b, Bou02, BEKL00, BL82, Bax77, Str85b, Eck90, McW91b].

**Computer-Aided** [Dro78, GS84, Str85b, Coo79, HKPL98, JZR88, KAV+88, VBS88, WF88, Cor84, JK90, KAFB18, MMV88, PGB86, Tan80].

**Computer-Based** [Bax77, Str85b, Eck90, McW91b].

**Computer-Drawn** [Pic84].

**computer-generated** [JM88].

**computer-supported** [Pau88].

**Computer/Human** [Ano07a].

**Computerized** [Ano77, MTC02, Dur89, Dur91].

**Computers** [Ano96a, Ano97c, Ano03k, Ano05m, Ano08i, Bij85, CS80a, C079, C089, FB15a, GO85, Gra83, NKNN83, WGS+18c, Ano03d, Ano04h, BBDM03, Hol03, KKZ04, NBE+04, Nij04, SVT86, WFC+09, Ano85a, Ano86b, Ano96b, Ano96c, Ano96d, Ano96e, Ano96f, Ano97a, Ano97b, Ano97d, Ano99c, Ano01-36, Ano06m, Ano08b, Ano09c, Ano10a, Ano11a, Ano11b, Ano11c, Ano13a, Ano13b, Ano13c, CMS12, DZ93, EDKS96, Enc85a, Enc85b, Enc86a, Enc86b, GG96, GLDK97, Ros92, SODSC18, Sou94, YQQY90, vDPS08, SSS15].

**Computing** [Ano95-41, Ano95-39, Ano95-40, Ano01-50, Ano06-27, Ano06-38, ABTW77, Bay95, CDIM16, EF15, JS92, Kno87, FB09, PB11, S09, Ste99, VP00, YCF18, Ano91d, Ano03-49, Ano04g, Ano04-58, Ano05-28, Bad96, BR96, CM15a, Elv96, FB14, FB15a, GRW00, GRW00, HMDM+95, KMS+97, K01b, KD03, KF+09, LMD96, L83, MK89, MCS+18, MZ89, R06, RAA+08, SG15, SH96, VM15, YSD13, ZFSY04, An094e, Ano95-28, Ano021].

**COMRIS** [dHT01].

**concan** [LL05, SV18].

**concealment** [JPP01].

**concentrated** [RS08].

**Concept** [CH91, DLV06, HRTK86, Mac85, Mac78, MUS83, Ano03-57, Ano90, EL04, EMB+08, FF96, IB06, JCFN18, MSMP12].

**Concepts** [Ano02f, Pic84, Tak77, Ano04d, Cas88, Che06, HB91].

**Conceptual** [Eas85, Haz77, BCF06, IWM+09].

**Conceptualisation** [San93].

**concrete** [GBF14, VR16].

**Conditions** [CM15b, CYM16, SR15].

**conditions** [BM08, LYX18, PPG+18, Yin04, ZZ15].

**conductivity** [TNF14].

**cones** [MT00].

**CONFERENCE** [Ano07a, Ano08i, Ano094r, Ano95k, Ano95l, Ano95m, Ano95q, Ano95r, Ano95s].

crystallographic [Ste75]. CSCW [An06o, An06p]. CSG [An95q, An95r, An95s, CCC97, Ger86, GT91, JV91, MS90, RVD08, VCC92].

CSG/BRep [GT91]. CSRBF [MBV18].

CSRBFs [KHS03]. CT [APA+11, YLH+18]. CTA [KGK+07]. cube [PKW95, KMS+97]. Cylindrical [KMS+97]. Cubes [CEPS13, KONS17, KA98, NBE+04, NY06]. Cubic [BB93b, Sar94a, ASC17, ASC18, BB91, CY94, DBG92, Dra98, DDP97, FEVM10, LP83, LJH18, Mon87, Pet18, PS91, Sar92b, Sar92a, Sar94b, SAMA97, Sar00, SHB01, Sar02, Sar03, WMRA+15].


Curvature [HEWF13, ZR12, DTG15, GA12, KPO9, KKL02, LJH18, MSMK19, PMV06, TF18, Tsu17]. curvature-adaptive [TF18]. Curvature-based [ZR12]. Curvature-controlled [HEWF13]. Curve [AMT86, AB03, Fay85, Haz79a, HY93b, IORM17, LL12, Moh77, NKN83, SHBSS17, dGGDV11, BMU+16, Chu90, CY94, CZ06, CZCG04, GSY94, HEWF13, HY03, Kar92, Koh96b, LGR14, LL04, LMW06, LH91, LP83, LYS+16, MPR89, MM10, ZM89, NA02, OK12, PMM18, Pha89, PS91, Pie83, SHBSS16, SWL+16, WY11a, WA02, Wt98, Xn98, Zay12, Zha98b, ZZ12].

curve-polygon [LL04]. curve-skeletons [BMU+16]. curved [AA00, BP94, BFSE03, Boe01, CT13, KB05, LMZ90, MSK99, RddF08, RF97, SGGC05, Zhu91, dCdlL14].

Curved [ML79, Pie84, AL00, ASWL11, AFW+18, BGR94, Bri03, Bro08b, Ch90, CCKW11, CM15b, CYM16, DM00, DTG15, DW13, Ger97, Gom14, GLT+97, HEWF13, IIK12, JOK+07, JRS17, Jut94, KLKE11, LLLC11, LT95, LODF02, MW12, Ma87, MS07, MS09a, Mes00, Mok87, Mok88, NC12, dCPdF14, OSB07, PR97, PSS04, SR15, Sar93, Sar94a, SXS14, SXT+14, VM15, WM89, WWF+18, ZLS98, ZLS99, ZM92, ZFS03, ZFSY04].


Customization [LK18]. Customized [SF92]. cut [CF11, CFH+18, YL96].

Cutaway [KM+18]. cuts [GDDA13].

Cutting
Ano01-41, Ano03-48, Ano03-55, Ano04n, AC096, BS98, BGD18, BKM16, BRdSOS17, BK02, BPGW11, BLS15, BC88, BMB95, CCC08, CSFG96, CTS+10, CTJ+14, CC01a, CR07, CFB15, CK02b, CZCG04, DH95a, DTWT94, DMM+06, DLKP02, DH95b, E+00, EDKS94, Fra86, Fru94, Gal88, Ga15, GPTP10, GSV+01, G996, GBKG04, GS11, GWBD17, HSD96, HKCL02, Her83b, HHLE17, HJDR95, HG02, HDP+10, HS08, HY93a, IL97, ITW18, JSMK14, KPSN04, KCK17, KONS17, KF88, KHS03, KS15, Lar03, LLC04, MA15, MK83, MSD75.

data [MTSM10, MA14, NC07, NIH08, NLS07, OLM96, PSMD14, PSBD19, PR93, PL97, PLJL15, Par75a, PS12, PSH09, PHLW15, PMBS14, PR82a, TSY11, ZR97].

data [MTSM10, MA14, NC07, NIH08, NLS07, OLM96, PSMD14, PSBD19, PR93, PL97, PLJL15, Par75a, PS12, PSH09, PHLW15, PMBS14, PR82a, TSY11, ZR97].

data-aware [SBS13].
data-dependent [CTS+10].
data-driven [HLV+19, IE98, SL+16, BGD18, BKM16, ZLM+15].
data-hiding [TT12].
data-sensitive [MMMGB17].
data-users-tasks [MA14].
database [AM99, CLH+16, How88, PR82a, TSY11, ZR97].
databases [BS82, SS93].
dataflow [tHd90].
dataset [CLH+16, LYL+17].
Datasets [Ger02, HKCL02, HG02, LFL02, TWSH02, BBP10, CGW07, VF13, LBV14, MBV18].
DATICAM [CS85].
DaType [Sch98].
Davis [MS82].
DCE [GPTP10].
DCE-MRI [GPTP10].
DCT [JPP01].
DDA [Fay85].
dead [SFC01].

deblurring [LH14, YSD13].

December [Ano02-55, Ano03a].

Decentralized [FS86b].
deciding [MFOK94].
decimation [Rei98].
decision [CFMS02, Mill57, PSMD14, RHFL14, Sch95].
decision-making [RHFL14, Sch95].
declarative [Des00, STdKB11, Woc90].
decogons [VB99].
decolorization [ZZJ18].
decomposing [HL93].
decomposition [LLGA12, CDIM16, DH95a, DrFRD06, FCM+18, FVG15, HLB+06, JYL17, KS91, KM14, LWW07, MPL02, MRF06, RdCVL16, WHL+09, WFC14, XGZ11, ZTS02, WHZ+18, ZSL08].
decompression [NIH08].
decoupling [VB99].
decoration [CGH97a, CGH97b].
decoupled [GM05].
dedicated [Ano94u, Ano94v].
deep [MCV18, WZZZ18, BRdSOS17, BGLA18, BHL+15, GTdS+18, LB19, RMP19, WZZ+18].
deferred [ZP07].
defined [Van85, BSF13, FPC10, LTV08, MMS89, Ran88, RH85, SJ09, UBBW99].
defining [Van85, BSF13, FPC10, LTV08, MMS89, Ran88, RH85, SJ09, UBBW99].
definition [Haz79a, Mar76].
definitional [Van85, BSF13, FPC10, LTV08, MMS89, Ran88, RH85, SJ09, UBBW99].
definitional [Van85, BSF13, FPC10, LTV08, MMS89, Ran88, RH85, SJ09, UBBW99].
definitions [Van85, BSF13, FPC10, LTV08, MMS89, Ran88, RH85, SJ09, UBBW99].
definition-based [vRESH16].
definitions-based [vRESH16].
definitions [CVB16, GO90, JLP00, KR92, Par93].
dehosting [KHTM17, SL12b].
degradation [VPLL06].
degree [BSJC02, Boa78, CM15b, CYM16, IORM17, SR15].
degrees [MS82].
degrees-of-freedom [MS82].
dehazing [LYX18].
Dehydration
[LYC+15]. Delaunay
[Ang97, CLWQ09, KKZ04, KB02, PPM18, SWL+16, VP00, XLGG11, ZMYH06]. delay
[AHK03, CDGC94, Sen99, Sen98]. Delft
[Ano01-62, Jv95]. Delivering
[Ano01-46, Ano01-47, Ano02-55, Ano04c, TC93, Ano1w]. Delia [Fal89]. Delone
[JYLW14, PLJ+13, YRS+18, ZLGH10]. Dense [Tap06, ABG+18, CCCS08, RGdL+18, RBF17]. Density [FCG+07, CTQ+14, DS93, FJW11, KFW16, SG92]. dental [SKS95, WCLZ14]. dependent [BKv05, BGK04, BFSE03, CTS+10, CC08, DM06, ESAH02, FV13, GA02, GCRR11, GN+15, LFL02, MAL11, MWS04, RGGB02, TWHS02]. depicting [AT11]. depiction [BMS+11, JK15, MFP11]. deposition [KEVD18]. Depth [CVP+16, LSE18, LR16, APS09, AAB18, BBE14, CSL18, ISPS17, KP95, LMJH+11, MBPF12, PSBD19, Rok93a, SPGR93, Srio2]. depth-based [LSE18, LMJH+11]. depth-map [CSL18]. depth-merge [SPGR93]. Derivative [Haz77]. derivatives [ASWL11, HG02]. derived [Lak89, Szy90b, ABG+18]. descent [NAO13]. Description [Reh85, Sug83, Dom77, Lan88, LBLV16, Mar91, Sob89, ZWP+93]. descriptions [RS75]. descriptive [Pau88]. descriptor [CZCG04, TLC+15a]. descriptors [BWedBP13, CDF14, EHBA10, TB19]. Design [Ade85, AP88, All77, Ano12b, Ano12p, BERW97, CMD99, CE80, CFMS02, Cj79, DWS2, DIE78, Dro78, GH91, Her85, HEW+18, Jk84, KS08, Lau77, Ls79, LLHH94, LQOW08, Mag85, ME77, Mar79, ME83, MGSC+10, MMS+17, Nar15, PWJ+18, Rk84, Str85b, Tan94, War76, Wit84, Yuc86, ZW88, vOMRI+15, Ade86, AC90, ACB12, Ano03-49, ALD12, AAB92, AFM93, BDPR93, Ban97a, BG01, BCF06, BHTT94, CS88, CLN+16, Cho06, CPCS90, CK75, Com85, Cor84, DLV06, DSM+99, Eck90, EL04, ESFGDZ97, FB12, FB15b, For84, FP75, GA83b, GS83, GSY94, Hel95, HLCF88, IC87, IWM+09, IKM90, JZR88, JMV90, KAFB18, KAV+88, Kn95b, KD00, KMW+14, KAAO75, LZ88, MHW10, MMP18, MCW91b, Men85, MA14, MMV88, MHM95, MN90, OK12, OPR92, Par93, Pkk03]. design [PGB86, PGR83, PPV07, dMPF08a, dMPF08b, PSR+93, Pra99, QMMH91, RJKV12, RCLM18, Sch98, SVT86, Sen98, Sen99, Sen03, SS96, SWvB95, SK04, SVF82, Stat7a, Sjg19, SS75b, Tan80, Thi85, Ts95, UWC90, VV96, Wei84a, WWD+95, Woo87, WMW13, XHH8, ZjLw+14, ZY02, ZC18, GAA8]. design-Results [IWM+09]. Designed [ML79]. Designer [KW96]. Designing [Hvi86c, LSE18, LVVC06, NA02, Sar93, SS02, TKB01, BM03, OMP+18]. designs [Ger97]. desktop [ABG+18, Koh96a, RBW01, TS95]. detail [ACC+18, BP10, DDM+06, GNL+15, IWT13, YSL+17, RS99, ROC8, SP00b, WHZ+18, ZZDZ10]. detail-preserving [LYL+17]. detailed [LS08, RLS+12]. details [BRPC18, RHC15, ZSL12]. Detecting [DLZY14, PCV16, CA17, CY15W, TF00, ZM92]. Detection [LXWC18, SP00a, AVM05, BH91, CK09, GKL07, HJ97, JSK14, Jtt01, JS08, JPP01, Kam93, GKG+07, LDM+11, LAM06, LCCS04, LY15Z, LBB11, LLS+16, LMRG10, MS07, MO06, MKPM17, MMV+14, SIPO17, UOTS3, WLCS88, WTWT18, ZCT95]. Determination [MG86, HHL99, JD99, MA84, TH90]. determined [MZP16]. Determining [QB92, BBMR89, SF98]. developable [CT13, FBR+17, WF88]. developed [Egh83]. Developing
[MR17, Rix84, BBDM03, HFT+99].

Development
[AM10, CG93, CDGA84, Lau77, McW89, MMV88, RK84, Van89b, YNS94, Ano03p, Aum89, Beb75, CS04, Cor84, FGES96, GD87, JP10, LLHH94, MRS+07, MGSC+10, MBGK89, MWY+10, OMF93, OSZ00, Pie90, Pra99, Rag80, She12, SET+88]. Developmental [PM10]. developments [AA00, FCSB90]. Deviatoric [LM16]. Device [NM85, Ree85, BCS+99, HTW19, PS91, ZDL+19]. devices [AEA13, CL97, DGBNV18, Dix91, FRTT18, KHK18, MYC15, RLT16, RCLM18]. devised [Car92]. DF [HC95]. DF-expression [HC95]. DFSPH [RP18]. DHOP [PCD+15]. diagnosis [B+00, GPTP10, KFH+09]. diagnostic [Cha97]. diagnostics [ZGC+19]. Diagrams [Shi93b, BPGW11, DG17, LW88, MD85, TKS11, Tes84]. Dialogue [Han84, Web84, Web85]. diameter [BKR+16]. Dichotomous [Car92, Car93]. dies [JZR88]. diesel [BL82]. difference [CBU+15, MK89, ZFSY04, WKO12]. difference-of-Gaussians [WKO12]. different [Fri91, KP95, MMS89, Pag05, SSBT01]. differential [BPS+10, BW94, CYJ+13, CLE13, Hod91, MRC15, TMN+00, VH02]. differentials [ZMKG11]. difficulties [VCHR07]. diffused [HL97]. Diffusion [Lee01, LBB11, AK15, Bou06a, CGM91, EKG06, McG08, PS13a, PS13b, WVV16]. Diffusion-geometric [LBB11]. diffusion-limited [Bou06a]. Digital [APA+11, Ano03p, Ano06-50, Ano07-33, AG94, CKS98, CMB17, Cor93, FH98, FSM98, HEG98, HMHA98, IE98, PM84b, SGM97b, SK84, SPI02, SHG98, VP98, AF00, Ano05d, BPGW11, CS01, Cho06, CZ06, DTZ09, DBS+11, DGA02, ER87, Fer01, FEJ04, FM09, Jac95, Kon89, LCL15, LXPP06, LHC12, Mar07, MARI17, MF02, MTB18, NRTT95, OSZ00, SGM97a, SOdSC17, SodSC18, SR97, SGB02, SLRP16, TR95, VH02, WCH+11, Yam94, YMYH12, ZLS98, ZK98, MAAS15]. digitization [HAB75, SK06]. Digitized [CFMP84, EH96, Yin04]. DiLib [JM88]. dihedral [ZLLY06]. DiLight [CMB17]. Dimension [CDI12, IV93, Ano13n, BjOwKM12, Cas96, CNS+06]. Dimension-independent [CDI12]. Dimensional [AR84, ARL78, BS77, BG80, CB78, FZPM93, Gab77, How79, Str85a, VP77, AS91, And98, Aro89, Bav97, Bec95, CWTL08, CKCK09, CR99, DH07, E+00, Fal89, FJ03, GSF99, HTKRW88, HHLE17, IWM+09, KP98, LW99, Liv18, MB97a, MD85, Mor76, NMM09, NR07a, Oik98, OdlCA02, Osi05, PL97, Par75a, PTL04, PLM+05, RFZ+17, RO87, Roe00, RPM96, REG+89, Sen03, SGS99, SA87, Sob89, SPY87, SCCS13, SO75, Ste75, SJ15, SF92, TWSH02, TS75, VJ06, WFT95, WCL89, Wilt88, ZN916, ZM9+90]. dimensionality [MCMT14]. Dimensions [FN10, ABMC+15, Bou06a, Bro07d, CDW11, DW89, DSB96, EPS96, FN08, GMNS93, NAO13]. Direct [BAG03, Gab77, LCZ+11, PX06, SH03, WKE04, CCC+16, FRTT18, JPCS18, KSR99, KJS17, MPA+10, QD03, RMD11, Shi04, YNS94, dHG+97, dGHM97]. directable [CAS+15]. Directed [CFMP84, AK13, DWH+15, LQOW08, MT88, MSR17, PF89]. direction [Aro03p, CC08, HJ16, MF02, Seg88, ZSL08]. direction-oriented [CC08]. Directional [LSY11, PWJ+18, VP00, YR96]. Directions [An086j, KCK17]. directly [PPZ+10]. director [SGBI02]. DIS [CGR87]. disability [Ano06-33]. disambiguate [MM18]. disappear [Nj04]. disassembly [GYL+13]. disaster [CTJ+14]. disc [ZCZ+18]. disciplines [BHL+94, Han95]. Discovery [HLS89, GSV+18, LAB+14].
[ACG15]. Embedding [BDK17, YYG16]. Embodied [SL18, BCS08, BN07]. Embodiment [BDPR93, embolization [WCA*11]. Emergence [CWGR01]. Emergency [OAYG10, RCB15]. Emergent [Pea02]. Empirical [GSME04, MML12, LCCS04]. emotion [CF96]. Emotional [GSME04, MML12, LCCS04]. Emotions [CF96]. Empirical [ZSL08, JK15, WHZ*18]. Employing [IM07]. empty [KT17, MKPM17]. empty-region [KT17]. enabled [CUD06]. Enabling [Bro00, SL16a, BF02b].ENCEPHALOGRAM [GYD75]. enclosing [LCK16, Sch12]. encoded [JPP01]. Encoding [SPS12a, BW98, GC86, Her83b, HW89, KDG96, SPS12b, SPY87, XCW*09]. Encodings [Sch86b]. Encryption [QN98]. Endoscopic [KCM00, YSW*96]. Energy [GR93, HCC13, KH18, BSDP10, CWC*14, CCC*16, HKHP11, KP98, LS08, WWY*06]. Energy-aware [HCC13]. energy-based [WWY*06]. energy-compensating [LS08]. Energy-efficient [KHK18]. energy-minimizing [HKHP11]. energy-saving [CWC*14, CCC*16]. engine [BL82, CCCP04, HIK05, BV95]. engine/propeller [BL82]. Engineering [All77, Ano95-29, Ano95-30, Ano03a, CFMP84, Dan78, DW82, HBJ82, Mar79, Pot77a, Pre84a, Smi77, Aug84, Boa78, DVF06, FBR*17, GTdS*18, Gra83, GZW12, JMV90, MGSC*10, MRSS*18, MPOL96, NKA83, OH83, Yin04, dos01, Ano94p]. engineers [Cra02]. Enhance [All77]. Enhanced [KH03, MBPF12, PSB19, ZNT*18, ANGH11, KCL18, RR01, WTTW18]. Enhancement [JM88, PLJL15, Row82, CS98, CH94, CST05, CRD10, Egh80, HLS89, ISPS17, KPM18, LSY11, LPR*14, MFP11, SL12a, TVS*03]. Enhancements [YT87, SR97]. Enhancing [CKS98, MHM95]. Enigma [AdBC*04]. enriched [HHKF10, Wal89]. enseignements [Cib77]. Ensemble [SPT18]. ensembles [RdCVL16, Wir80]. entertainment [MTB18, Ano06-50]. entire [TSD87]. entities [AA01]. entre [Dom77]. entropy [Bru14]. Envelope [GD00]. Environment [AW93, Del80, Egl86a, MPS85, PKK03, ZPL88, Beb75, BB03, BJS01, BB98, COPR17, Cze90, DLV06, Elv96, FLM*15, GWP00, Gia15, Hor83, HJL*93, KDS04, LRM92, LRD07, LPL*05, LhCE97, Mar91, MPOL96, Mey79, MCKS06, MHM95, PH90, RBW01, Shi04, SMS09a, SMS09b, SL18, SL02, SD90, SSA96, TMSPB09, TKB07, YSW*96, ZGW*96, ZGdDL*96]. AHK03]. Environmental [Gre91]. Environments [Ano96a, Ano12n, CM93, LC18, RCD*04, Tei96, ABG*18, AA13, A*99, Bag96, BPF94, BMDVR18, BE800, BOH97, CA15, CEG18, CH93, CGS*96, CUD06, CKK06, DCV98, DAHF04, DHJ*97, DR09, ESAH02, FBT93, FHF09, GHCH03, GPC*17, Gre96, HJL07, JXM*10, JHPbR11, KJ01, KK16, LBLD11, LCCS04, LMD96, LVVC06, MR95, MPW*12, MMV*14, NCI2, OAY10, OP13, dJONM18, PSZ96, PZH*05, PCY*06, RdCAM01, SKSZ99, SS11a, SU93, SC97, SB97, TPM14, WL15, XPL90, vLM09, Ano02-33]. EPCGI [GB18]. EPCGI*17 [GMM18]. equal [RPM97]. equality [MYF06]. equality-constrained [MYF06]. equally [ITW18]. equation [GWX*18, GLDK95, MRC15, PM93, QM96, SJZW07, SKCP99]. Equations [SMG77, BW94, CYJ*13, Coo01a, JK02, PS13b, RM91, TMN*00]. equivariant [CCC00]. eraser [DTG15]. Erlangen [PS86]. ERLNET [PS86]. erosion [CBS*14, PM13]. Erratum [Cad08, FB15a, SMS09a]. Error [AK15, Ber79, CF11, GRW00, LLX*15, BS98, GR93, HL97, VL98, YRS*18]. error [HL97]. Error-controlled [CF11]. Error-Prone [Ber79]. errors
example-driven [GZW12, SZW+14].
exaexample-hard [KST96, Wei84a, Boa78, Cor84, KSM07, Tei96].
experience [KS96, Wei84a, Boa78, Cor84, KSM07, Tei96].
experienced [KST96, Wei84a, Boa78, Cor84, KSM07, Tei96].
explanatory [HJ03]. explicatifs [CF77]. explicit
[SWSS10]. exploded [MM18]. exploit [NT00]. Exploiting
[HEW97, KPF03, ST97]. Exploration
[GVTA10, MVPL18, Bou09, BH15, DDM+06, LGWM17, LV02, MR05, MAG+12, Nar15, PSMD14, dMPF08a, dMPF08b, PSM16, SS12b, TPRC18, TKB07, VR16, YWR03, ZNGN16, ZC07, dHH87].
Exploratory [EGL+95, RCLM18]. explore [BEFV94, THQ+16]. Exploring
[DBW+12, HFT+99, Kor87, LST96, LHC12, PWV+18, LBV14, TN02, FST97].
exposed [TKS11]. Expo
[Ano06b, Ano03b, Ano02-41, Ano02-38].
ExpoBlend [Bru14]. exponent [Sas04]. exponential [RPAM00]. exponentially
[GSK+13]. exponents [MH89]. exposure
[Bru14, KHTM17, MVRB18]. express [MAO+12]. Expressing [Des00].

Expression [HL06, tHV10, CGZZ15, Dom77, HMW91, HC95, VR16, YGS12, ZM07]. expression-invariant [tHV10]. Expressive [BH15, Mou15, Ano13m, LW89, GW17, Sez16]. Extended [DVG+18, Nav89, FPC10, GdMF03, LZ11, TPN95, Woo89, WAM17, WKO12].

Extending [SS93, CR13]. Extension [Del80, Kan85, Sob89, CEM89, HK93, LS06, PK91]. Extensions [HE15, Lam00, MGOH96, BF15, MTT82].


[Extension] [BF17, TCL15b, BKR+16, DA18, DW13, GWX+18, Ger02, HJW+08, KB05, Ku001, LCL15, LTR+14, NBE+04, PMTK01, PS08, Sch12, TPG99, XD08, ZMYH06, ZGW+16]. extrema [DTG15]. extreme [SB94]. extrinsic [SDIM13, TSY11]. Extrinsically [HJ16]. extrusion [JZR88, KEVD18, SLYY97, WY03]. eye [GWBD17]. eye-tracking [GWBD17].

F [Sou93]. Fabrication [Ano12p, CM18, FCM+18, MNS+19]. Fabrication-Aware [Ano12p]. fabrics [PGB86]. facade [WS12]. Face [MSAR01, BWdBP13, DGLRD18, GK96, Giuß97, HHC17, IC96, JD99, KMGL99, LLLC11, PSBD19, PSS04, QD03, WQ14, VPB05, ZHP+19, ZSS+18, tHV10].

Face-to-face [MSAR01]. Faces [DB83, Pic84, CGZZ15, ESFGDZ97, KD15, Nav89, Par75b, Sch95, SZW10, Zhu91].

faceted [Roc89]. Facial [DMV06, fLhLT11, dPCOO+05, HEG98, HLS89, HY03, IC96, MAO+12, PSS04, YGS12, ZM07]. facilitate [BL82]. facilitates [SL18]. facilities [IC87]. facility [LRMS92]. Facing [ABMC+15]. Factor [JNR85, BP94, PTW98, ZP92].

Factoring [AEW91]. factorization [AF16a, PHIL15]. Factors [Mag85, WBP92]. factory [CP10]. Failure [TH85, Ade86]. failures [XhKKL16]. fair [SZ09]. Falcon [SHD+17]. Fall [Ano01b, Ano02a]. false [CUD06, JX96].

Families [AMT86]. family [Dra98, Eng93, FM00, GBG04, RBP+01]. fan [FDA03]. far [FWJ11]. far-field [FWJ11]. fashio [KAA075]. Fashion [GSME04]. Fast [AMT86, BWD13, Bro79, CV94, EK93, FV13, FPC10, GKL17, HHL99, IO91, KPO1a, KB05, KMV+18, LHCL05, LS05, MAFL16, Mol76, PT16, PGS15, RA03, Rok93a, SHK18, SMK08, SSB+08, SZW+14, SGES12, TN14, VDOK19, WIP08, WY06, WGS99, ZLL+15, Zn010, ANE17, BWZ+18, GRPR08, KLP01, Kn95b, LZ03, LCD15, LDT02, Mey79, Pie83, SS07, SL12b, Sk97, SPY87, WTM12]. Faster [Baw97, IL97]. Fat [BGK04, Mes00]. fatigue [CMLR11]. faultlines [PMBS14]. FAUST [SGBP17]. FDDAA [VH02]. feasibility [GM96]. FEATS [Ano01-39]. Feature [BDPR93, CGL14, CPB90, FFV+11, KM14, LH00, LW+10, LSW12, PLJ+13, TEC+14, ZMYH06, ZML+18, AC90, BHL+15, CYW15, DW13, Egh83, EST14, EHB10, GO06, GT91, HJW+08, JIP01, LD09, LCL13, MCS+18, MR89, NMM09, OPR92, RAK+15, Ros90, SK03, SLL+17, TSY11, TH90, WY11b, WLL+12, WWK11, YF09, YLH+18, ZjLW+14, ZGW+16, ZS02].

Feature-aligned [LX22, MCS+18]. Feature-aware [LSW12, PLJ+13]. Feature-based [BDPR93, CPB90, KM14, TEC+14, AC90, EBST14, OPR92, Ros90, TH90]. Feature-preserving [CGL14, WLL+12]. Features [EK85, TA90, AOL96, BWZ+18, CA17, DEW75, KB15, LSK+10, LWS15, LRMS92, HJW+08, JIP01, LD09, LCL13, MCS+18, MR89, NMM09, OPR92, RAK+15, Ros90, SK03, SLL+17, TSY11, TH90, WY11b, WLL+12, WWK11, YF09, YLH+18, ZjLW+14, ZGW+16, ZS02].
DWH$^+$15, GBP$^+$17, GÖT97.

force-directed [DWH$^+$15]. forces [Rei95].

forcing [MH89]. foreground [MFL11].

foreground/background [MFL11]. forest [BLZD12, Edg00].

Foreword

[AS16, AF16b, AEJZ18, Ano12i, Ano12o, Ano12m, Ano12n, Ano13j, Ano13k, Ano13n, Ano13o, Ano15k, Aok16, ALP17, BK19, BGT16, CH15, CM18, DS15, The15, EK18, Enc15a, FS17, GPS18, GW17, GHK18, GB18, GMM18, GL10, HJL07, JZZ16, JZ17, Joh18, Kry14, LPD$^+$18, LC18, Lin10, MRT10, MLX18, MS16, MB14, MB10, Mou15, MTB18, NTV18, OP19, PB10, PDK16, PK17, RGD18, SH12, Sez16, SC12, SNB17, SD16, SUF$^+$18, SSS15, TT19, TSC16, TP17, VB17, Zac15, ZT16, vLM09, vLLSM09].

forgery [SIP017]. Form

[Ano12b, CF13, GT91, BP94, EB10, FBM$^+$01, FM96, GdfM03, GO90, PK91, PTW98, RNN95, SGBP17, SE01, VJ06, WBP92, ZM92, ZP92, dMF99]. form-factor [BP94, ZP92]. form-factors [WBP92]. Formal

[Car84, Gna84, QKS01, RS75]. formalization [UPT97]. Forman

[ID17].


Forward

[NN15, PF97, AN99, GP91, Mil93]. four [DSB96, EPS96, FN98, Os95].

four-dimensional [Os95].

Fourier

[SKS90]. Fourteenth [Ano06-27].

Fourth [Ano91c, Ano95k, Ano95l, Ano95m, SIG02].

foveated [GMD$^+$13]. FOX [MAG$^+$12].

FPGA

[CDGC94]. Fractal

[Bow95b, Bro06a, CCKN10, Coo00a, DGB93, Fat01, Fat02, FN08, GBV92, IWM94, Lanz97, McDo6, MR96, PK86, QM96, Bou06b, Cas96, CZ98, Edg00, FP98, FC00b, Gon98, Kel00, Loy91, OdlCA02, Pe04, Pic95a, Pum96, VJ06, Van09, Van10, WW08, Ye02, YHHS93]. fractal-based [Pum96]. fractality [KRP$^+$91]. Fractals

[BVG93, GB91, Sas04, Shi93a, Shi93b, ADR01, Bou09, Bro07c, Car96, Car99a, Car99b, CB97, Day95, Day90, Emt89a, Levy05, Maj98, Mar04, Mar10, NG95a, NG03, Pic94, SS99a, Shi93c, SCNT03]. fraction

[KONS17]. Fraction [MBP14, BDP$^+$17]. fractures [YY919]. Fragment

[MCTB14, KJS17]. fragments [WLG04]. frame

[CHSD95, GZZS06, Kuo01, LCW14, PMPR$^+$16, WQL$^+$17]. framebuffer [KKHS03]. frames [EPS96]. framework

[ACA07, BC01, BHL$^+$15, CH91, DGA02, ET18, Enc95b, GW06, GH06, Ghu93, Gia15, Gna84, GD00, GV07, GKC14, HCC13, IWT13, JYLW14, KD94a, KD15, LB19, MZP16, MUH10, PKK03, PBM$^+$14, SGBP17, SM99, YWR03, ZQL15, ZLLG18, dGGV08].

Francesca [Fal89]. Francis [Mil92a]. Francisco [KGM75]. Fraunhofer

[KKMT06]. freckle [LTH$^+$19]. Free

[Ano12b, Ber77, CF13, GdfM03, GO90, SGBP17, BGP18, CMM16, EB10, FBM$^+$01, FM96, FST97, FGP$^+$10, GFLW03, GS01b, KWK17, OK03, RNN95, SE01, WQL$^+$17, WLG04, YCF18, ZM92, dGHM97, dMF99]. Free-Form

[Ano12b, CF13, GdfM03, GO90, SGBP17, EB10, FBM$^+$01, FM96, RNM95, SE01, ZM92, dMF99]. free-hand [OK03]. free-sketch [FGP$^+$10]. free-viewpoint [WLG04]. freedom [MS82, YT83].

Freeform

[Ano12p, SLRP16, WY03, BF02a, FTB12, KLE11, LPV95, vdB07]. Freehand

[JK84, GPTB02, GDO0, RO13]. Freestyle

[SC11]. frequencies [DTZ09]. frequency

[FJS11, KHK18, PKS$^+$11, Sen99]. frequency-modulated [Sen99]. Fresh

[CS16]. Freshman [HBJ82]. Frieze

[CR98]. from-polygon [AMGA12]. front

[PSK$^+$11, PWJ$^+$18]. frontal [KC07]. froth

[IA99]. fruits [LVC$^+$15]. ftc [Kra10]. full

[KMW$^+$14]. full-surround [KMW$^+$14].

fully [WGS$^+$18c, WGS$^+$18a, WGS$^+$18b].
Function [BG79, LS06, AJRV00, BKR +16, Can94, CDR01, CC03, Coo00b, Coo1b, DDPT98, FA94, GR93, Gro94, HE15, KJS17, KLL +15, LW90, LS07, MG09, Nik98, Nik06, dMPF08a, dMPF08b, Spr94, Van09, WEWL99, ZSH12, vWS04].

Function-based [LS06, LS07].

Functional [Pfa84, LLL +15].

functionalities [KJTS96].

Functions [Ala85, NKNN83, ABMC +15, BPS +10, BSF13, BDK17, CTQ +14, CGB13, Car93, Cas87, CVP +16, CEM89, Dra98, Fay85, HKHP11, KL07, Koh96b, Koh97, LLC11, MMK04, PPP88, PF09, PS01, Pie89, RMD11, SAM97, Sar04, Sar05, Shi93a, SPS96, Suf88, OKBG08].

Fundamental [Pau88, Kon89].

gagara [GCLZ16, ZC18].

Further [Ree92].

fused [KEVD18].

Fusion [ZML +18, BS09].

Future [Ano77, Ano86a, Ano95-38, Ano96g, Ano96h, Ano96i, Ano96j, Ano97g, Ano97h, Ano97i, Ano98a, Ano98b, Ano98c, Ano99a, Ano99b, Ano99j, Ano1-51, Ano2, Ano2b, Ano2f, Ano2g, Ano3-43, Ano3-41, Ano4-47, Ano6-40, Ano6-39, Ano7-36, McC84, Str85b, Ano94z, Ano94-27, Ano94-28, Ano95-33, Ano95-34, Ano95-35, Ano95-36, Ano95-37, Ano1, Ano1x, Ano2, Ano1y, Ano1-52, Ano1-53, Ano2-48, Ano3-42, Ano3-44, Ano3-45, Ano3-46, Ano4-45, Ano4-46, Ano4-48, Ano4-49, Ano5-34, Ano5-35, Ano5-36, Ano6-41, Ano6-42, Ano6-43, Ano7-34, Ano7-35, BCHM02, FMS98, HK15, KCK17, Roe00, Sai85].

Futures [Ano95a, Ano1-49].

Fuzzy [CR03, RAK +15, Des00, SP01b].

G [IB06].

G-stokes [IB06].

Gaining [DB04].

GALATEA [PF75].

game [EL04, Je92, MWY +10, MNI +16, Pan06, Mar02b, Mar02a, MNI +16, Rei97c].

gameplay [WK14].

Games [LC18, OP19, SNB17, TSC16, Ano03p, Bro06a, DPS10, KS98, MCV18, MTB18, Per02, Ano07x, Ano07w].

gaming [CLF +06, SSB +08].

ganuts [RHS +94].

gap [BGK04].

gaps [Nov03].

garment [ABJ90, ADT +16, LMC13, LK18, LYW +10, RMSC11].

gas [VH15].

gasket [Lak89, Szy90b].

Gaudí's [Bro08a].

Guauquin [HL89].

Gaussian [JSS +13, ME92].

Gaussians [WKO12].

Gaze [Duc18, PQ10].

Gaze-based [Duc18].

gazing [Pot77b].

GCC [CH96].

gD3 [How79].

gDdT [RK84].

GDR [KU1990].

GEANS [IMMS82].

GEMO [LR90].

gens [GHS06].

gender [MV18].

General [CCC00, JLP00, JLYW14, RJS01, AB03, EW75, FT97, FH94, HH91, Lam00, LRMS92, LP83, MTTL82, Nav89, Par03, PYD +05, RF00, SB86, SP95, TDR01, YWR03].

general-purpose [MTT11].

Generalization [SNS06].

generalizations [Mar02a].

Generalized [CBS +14, CS85, CB78, GBP +17, JPC81, McG08, NR07b, Sar94b, SDIM13, BW92, CG87, CDR01, CAL +04, FR92a, FR92b, JL00, LAM06, PMM18, Roc89, SH94, vEB99].

generate [GD11, HP01, Ye02].

Generated [PK85, BW94, DS18, HL96, JM88, LP93, Li9, Mic90, SL12a, Shi93c, SPR12b, SCH +18, Szy89a, Szy90a, Szy91].

Generating [Shi93b, S09, CH94, Jas88, PBH19, SS99a, Str86, ZLY06].

Generation [AL78, BGV93, BT78, DSB96, Gab77, NKNN83, NG03, Rag79, SG990, ATB98, ASSF17, Ban97a, BR989, Bap99, BKM16, CSL18, CYW15, Cas96, CP98, CKCK09, CL95, CEM89, CD93, DKZ14, E +09, Fay85, Gd95, Goe95, GBD99, KKS93, Krö98, LD03, LR07, LLL11, LH91, LW10, LCCM02, LW88, LSW12, MPR98, MPQG18, NK01, OGSSLM +07, PS91, Pie94, RS15, Rok93a, RBP +10, SFVP13, SAB12, SJ95, SGR +99, Spr93, Spr94, SP95, TT82, THL15, V106, XCZ +16, YHHS93, YK18, Zha96, ZMK18, ZW88].

generative [CS16].

generator
Grammar-based [CSP19, WS12].

grammars [TKZ+13, TAF16].

Graph [Cad08, CMLR11, Del18, PSM16, Abe04, CM14, DG06, DWH+15, GDDA13, GWBD17, LKS07, LLLZ16, LBV14, MCS13, RVR04, SvdLB10, SLG97, TSK98, TAF16, TAS09, BDP82, SB84].

Graph-Theoretic [PSM16, GWBD17, LKS07, TSK98].

Graphical [Cad08, CMLR11, Del18, PSM16, Abe04, CM14, DG06, DWH+15, GDDA13, GWBD17, LKS07, LLLZ16, LBV14, MCS13, RVR04, SvdLB10, SLG97, TSK98, TAF16, TAS09, BDP82, SB84].

Graph-Theoretic [Cad08].

Graphical [Cad08, CMLR11, Del18, PSM16, Abe04, CM14, DG06, DWH+15, GDDA13, GWBD17, LKS07, LLLZ16, LBV14, MCS13, RVR04, SvdLB10, SLG97, TSK98, TAF16, TAS09, BDP82, SB84].

Graph-Theoretic [PSM16, GWBD17, LKS07, TSK98].

Graphical [Cad08, CMLR11, Del18, PSM16, Abe04, CM14, DG06, DWH+15, GDDA13, GWBD17, LKS07, LLLZ16, LBV14, MCS13, RVR04, SvdLB10, SLG97, TSK98, TAF16, TAS09, BDP82, SB84].

Graphical [Cad08, CMLR11, Del18, PSM16, Abe04, CM14, DG06, DWH+15, GDDA13, GWBD17, LKS07, LLLZ16, LBV14, MCS13, RVR04, SvdLB10, SLG97, TSK98, TAF16, TAS09, BDP82, SB84].

Graphical [Cad08, CMLR11, Del18, PSM16, Abe04, CM14, DG06, DWH+15, GDDA13, GWBD17, LKS07, LLLZ16, LBV14, MCS13, RVR04, SvdLB10, SLG97, TSK98, TAF16, TAS09, BDP82, SB84].

Graphical [Cad08, CMLR11, Del18, PSM16, Abe04, CM14, DG06, DWH+15, GDDA13, GWBD17, LKS07, LLLZ16, LBV14, MCS13, RVR04, SvdLB10, SLG97, TSK98, TAF16, TAS09, BDP82, SB84].

Graphical [Cad08, CMLR11, Del18, PSM16, Abe04, CM14, DG06, DWH+15, GDDA13, GWBD17, LKS07, LLLZ16, LBV14, MCS13, RVR04, SvdLB10, SLG97, TSK98, TAF16, TAS09, BDP82, SB84].

Graphical [Cad08, CMLR11, Del18, PSM16, Abe04, CM14, DG06, DWH+15, GDDA13, GWBD17, LKS07, LLLZ16, LBV14, MCS13, RVR04, SvdLB10, SLG97, TSK98, TAF16, TAS09, BDP82, SB84].

Graphical [Cad08, CMLR11, Del18, PSM16, Abe04, CM14, DG06, DWH+15, GDDA13, GWBD17, LKS07, LLLZ16, LBV14, MCS13, RVR04, SvdLB10, SLG97, TSK98, TAF16, TAS09, BDP82, SB84].

Graphical [Cad08, CMLR11, Del18, PSM16, Abe04, CM14, DG06, DWH+15, GDDA13, GWBD17, LKS07, LLLZ16, LBV14, MCS13, RVR04, SvdLB10, SLG97, TSK98, TAF16, TAS09, BDP82, SB84].

Graphical [Cad08, CMLR11, Del18, PSM16, Abe04, CM14, DG06, DWH+15, GDDA13, GWBD17, LKS07, LLLZ16, LBV14, MCS13, RVR04, SvdLB10, SLG97, TSK98, TAF16, TAS09, BDP82, SB84].

Graphical [Cad08, CMLR11, Del18, PSM16, Abe04, CM14, DG06, DWH+15, GDDA13, GWBD17, LKS07, LLLZ16, LBV14, MCS13, RVR04, SvdLB10, SLG97, TSK98, TAF16, TAS09, BDP82, SB84].

Graphical [Cad08, CMLR11, Del18, PSM16, Abe04, CM14, DG06, DWH+15, GDDA13, GWBD17, LKS07, LLLZ16, LBV14, MCS13, RVR04, SvdLB10, SLG97, TSK98, TAF16, TAS09, BDP82, SB84].
Lam83, LNFC95, LS84, Lew75a, LLHH94, LRR87, MTTL82, MTTL82, MD99a, Mar76, Mar86, Mar10, MDS88, MUS83, McC95, McC96, MSD75, McW88b, MB97b, MG08, Mey79, MY16, MHM95, Mor76, MY97, MBP14, NT95, Nov03, Oli08, OC00, OSZ00, PSZ96, Paq05, Par86, PMS87, PR82a, PPL91, Pfa83, Pfa84, Pic92b, Pol83, PSSP96, Pot75, Pot77b, P3R93, Pra92, PPV03, Pur87a, Qui91, Rag80, RG93, Ran88, RAHA88, RJS01, RO87, RW87, Rog85, Rok93a, RWE05, SR95, SM99, S´eq13, She88, SSB08, SAKB75, SS82, Sla92, Smi75, Smi93, SVV92, SS75a, Spr75.

graphics [Sri02, SVP82, SO75, Ste75, SF91, Sul85, SS04b, Szy89a, TSD87, Tax04, Tay87, TS94, Tei96, TMK94, TMB*05, TS75, TM75, Van94, Van99b, Var92, VCHR07, War76, Web87, WMFR89, WBL+97, Wis87, Wo100, Wo102a, Wri75, XXC94, ZP04, ZF90, dDH87, dos01, tHD90, Ano95m, Ano05y, Ano86b, Ano95k, Ano95l, Ano96b, Ano96c, Ano96d, Ano96e, Ano96f, Ano97a, Ano97b, Ano97d, Ano02i, Ano03h, Ano03-28, Ano04m, Ano05j, Ano05-30, Ano07-27, Ano07-31, Ano08i, Ano12m, BK19, CMS12, EK18, Enc85a, Enc85b, Enc86a, Enc86b, GG96, Ha27, MLX18, PK17, SODSC18, Tan94, ZT16, vdPS08, Ano85a, Ano01h, Ano01-65, SS15].

graphics-based [Van89b], Graphite [Ano05f], Graphs [LD78, Moh77, ACG15, Bou02, CB01, Hvi86c, KT17, KZ94, PK86, SS12b, SWH+17, SJ15, MR96].

Graphtracker [SvRvL07], Grapics [Ano01j], grasp [VR16, JA84b, JA84c], grasping [AN99], gratings [Rag99].

gravitational [YJC99], gravity [CC01a, KB12], Gray [PN83, WW08], gray-level [WW08], grayscale [MALI11], Greed [Bro07a], Green [BDK17].

Grenoble [Ano07e], Grid [Bar77, CMM16, DS93, Koh96b, LTV08, LS84, MAFL16, SGR+99, XMD+12, XY15]. grid-free [CMM16]. grid-particle [XMD+12]. grids [BF02a, BAG03, C06, FTB12, FH94, GRW00, Mok87, Mok88, PM95, WWL16]. grooves [QMHH91]. group [CCW97, CCC00, CCW01, CDGA84, DR09, Kon89, McC96, SFV13], groupe [CV77].
grouped [DLN+18], Grouping [BSF13, SPL14], groups [CCW01, PAFL06].
groupwork [MHU10], growing [FDA03, VH15, XD08].
growth-regulations [COM+94], GSM [KPB96]. GSS [OT88]. Guaranteed [GS01b]. Guest [BP08, HBG14, HH93, KD94b, Mu93, P803, SS94a, Wu02, Ano83b, Ber84, BF02b, Bru92, BS98, CK02a, DG96a, EFP02, The15, Eg86b, Enc15a, End85, Gob93b, GS96, Gra83, Gr93, HW85, HS97, Hvi86a, JG00, Kri96, Kje95, Kli00, Kot90, Kro91, Kro96, Lis95, Mac95, Mir99, PZK96, Pre84b, Rob91, Rog85, SB96, SS97, Sch86c, SP97, Shi02, Ska98, Ska99, Str83a, Str95, Str96, Sul85, TA90].

GUI [Pra99].

GUID-based [Pra99], guidance [BB15, HIS83]. GUIDE [CMD99]. Guided [DA18, AnD19, AN99, FSS02, LYW11, LQOW08, LHA15, MFP11, PPV07, SCFF16, WH06, YLH18].

Guidelines [BBMR89, Dom93, Mag85, CMB17].
guidewire [LC06], guiding [LZL15].

GUIs [AA07]. Gulliver [OO04]. guyed [LRR87]. GVE [Ano94m], Gyeongju [PKK03].

H [Kre93]. Hadamard [Egh80, Egh83].

hair [Lin15, SP96], half [SO75], half-tone [SO75]. halfedge [HY93a]. Halftone [BY88, Fri03].

Halftoning [U09, SG97b, KE18, SG97a]. Halley [Re91, Re92]. halos [DVND10]. Hamel [LB75]. Hamiltonian [AXG+13]. hand [AW10, EK15, FRITT18, ILCC01, IA83, KS15, LKS07, MAD+19, OK03, VR16, ZSL12]. hand-drawn
hand-made [AWI+09, EK15, LKS07].
hand-written [IA83].
handheld [DBW+12, PTY+16, KB12].
handle [DL09].
Handling [Mar87, FM17, Lin15, TH90].
Hands [Bai07, VBP05]. Hands-on [Bai07].
Handsketching [JNR85].
handwritten [MAdS+19].
hand-written [IA83].
hand-written [IA83].
Hardware [AN05y, AMT86, ANO07-27, De84, EJRW96, FC00a, KSKS96, ACK96, ANO02i, ANO03-27, ANO94b, BERW97, DH95b, HI95, KNMP14, LLM+90, MLM03, SLS03, Ano94b].
hardware-accelerated [MLM03].
hardware-based [BERW97].
hardware-supported [EJRW96].
Hazard-free [dGHM97].
HCI [Ano91b, Ano07-28, Ano07-29].
HDR [Cad08, CWA08, KHTM17, UKL+13].
HDR-video [UKL+13].
head [HLY+19, KYT+17, LY08, PQ10].
head-tracking [KYT+17].
heart [CCM+11, K+00a, PlP00].
Heat [PS13a, STT+18, GWX+18, Liv18, Pat15].
Heat-based [STT+18].
Height [BK17, FS80, SPMA13, XLSG16].
Height-field [BK17].
Helmholtz [RdCVL16].
helixes [XCZP14].
hemispherical [BRL95].
Henon [MR89, RBP+01].
Heritage [CMS11, PCD+15, ASM12, DBS+11, JH11, LXP06, SEMWC05, YMYH12, CMS12].
Hermite [LJH18].
Hessian [EA19, YLL+17].
Hessian-constrained [YLL+17].
Heterogeneous [QD03, JY98, WFC14].
Heuristic [LK18, MMP18, CCW13, CCI12, IORM17, MZ98].
heuristical [SB86].
heuristically [LW89].
heuristically-based [LW89].
hex [JDGS88].
hex-tree [JDGS88].
hexagonal [CR03, LS84].
Hexahedral [XGC18, FlhLtT11].
Hidden [AP88, HF85, Koh96b, LD78, WLC88, YD00, AC89, Eas75, He80, Hor82, HHH91, HLS89, JD09, KS09, PR82b, PF80, Ram87a, RM91, SPGR93, YS97].
Hidden-curve [Koh96b].
Hidden-line [YD00, AC89, PF80, Ram87a, YS97].
Hidden-Surface [HF85].
hiding [TT12].
Hierarchical [ABe04, DGLRD18, DFNP84, FZPM93, KMGL99, PF16, PHLW15, AF16a, BD07, CS98, CB01, How88, ILLC01, JDGS88, LXCW18, Mar02a, NP96, PBH19, SSM87, VHR+18, YWR03, YF09, ZLG+15, ZQL15, ID17].
Hierarchically [BPR90].
hierarchies [KFW16, VHR+18, WFG03, WG17].
Hierarchy [HHLE17, LAM06, XH88].
Hierarchical [HHLE17].
High [Ano93b, Ano94a, Ano13j, ASZ+14, BBE14, HGGV16, HH88, KS84, KSH17, LLS18, Mac85, NBE+04, PL97, RLS+12, She12, SL12b, AEA13, ABMC+15, ANE17, Ano91d, BD82, Bec95, BM08, CPCS08, C+01, DG96c, DL93, Egl80, FJ03, FCW+10, GP91, GBP04, GS04, HHLE17, HOCN07, IWT13, IC87, JL97, KK12, MZPZ16, MCS+18, MMK04, NMM09, Pur87a, Rok93b, SS12, TT12, VLD15, WZLQ19, YWH+16, ZN11, ZLZG12, ZGdDL+96].
High-capacity [TT12].
High-dimensional [PL97, FJ03, HHLE17, NMM09, ZN11].
High-dimensions [ABMC+15].
High-level [She12, BD82, IC87, KK12, Pur87a].
High-noise-variance [BM08].
High-order [ASZ+14].
High-performance
[Ano03-31]. IEEE
[Ano94r, Ano95-41, Ano95-39, Ano95-40, Ano02-38, Ano04-62, Ano07-39, Ano94q, Ano94s, Ano95z, Ano95-27, Ano95x, Ano01q, Ano01r, Ano01p, Ano01s, Ano01t, Ano01-42, Ano01-41, Ano01-43, Ano02k, Ano02-41, Ano02-42, Ano02-43, Ano03-32, Ano04-39, Ano04-40, Ano04-34, Ano04-35, Ano05h, Ano06-29, Ano06-30, Ano06-31, Ano07-39, Ano07-30, Lin10]. IFS
[CB97, HHL99, Mar01, Mar02a, Mar03, Mar04, Mar09, Mar10, Ste09]. IFS-based
[Ste09]. IFT
[CGW07]. IGD
[KKMT06]. IGES
[Wei84a]. IHEP [KK86]. II
[CGH97b, Cib77, McW91a, YT83]. IIF
[HB91]. IKS [CH91]. Illumination
[MWS04, AVM05, DM01, FV13, GBP08, HKYM01, HOCN07, KHK18, KJS17, MR05, PM05, RRR15, SSH16, SBD15, Stii98, SKR15, TDR+17, UPT07, VRV05, XLPQ12, XWW+18, ZZQW11]. Illumination-dependent
[MWS04]. illuminations [Lan88]. illustration [Hod91]. Illustrating
[GYL+13]. illustration [APS09, BBP10, IA83]. illustration-inspired [APS09]. illustrations [LaV07]. Illustrative
[BRV+10, CSC10, GRIG12, GVTA10, HGVV16, LH17, RBFS10, VHE10]. Image
[Ano94r, Ano04b, Ano05c, Ano07h, Ano07i, Ano07-37, BB93a, CG85, CWT10, CCH94, CK93, Egh80, EKP93, Ent77, GS84, Gro92, GS89, HCC91, HF85, KKS93, KPH+05, LPD13, LG03, LCGN92, ME92, Mou13, SBOT8, SIP017, SLKD16, SBD+94, WLQC18, WX14, ZP07, ZXD+14, ZPL88, vW04, AEA13, Ano94q, APB07, AAB18, Ban97a, BW98, BX99, Bap99, BND+17, BFSE03, Bim15, BS09, BEE14, BRPC18, CH91, Cz98, CR07, CWC+14, CTLG94, CÖ91, CD93, DCV98, Day92, DLZY14, DSR11, EK15, EHBA10, FSS+02, FJS11, FLM+15, FSM94, Fun99, GCLZ16, GS05, GN94, GDA+13, HKHP11, Hor83, JK15, JYL17, JYLW14, JJJ97, KHTM17, Kir93, KB15, Les01, Ley07, LSH+12, LSE18, LYY18, LS05, LWD+18, LMJH+11, MKC08, MSD75, Mol96, MR17, NAK13, Owe94, PR97, PP16, PM84b, Pic88b]. image
[RS99, RO87, SB94, SD15, SZ95, SDD95, SJZW07, She12, SL12b, ScLBFI0, SF92, SH98, TLL2, TDR01, UKL+13, UPT92, VP98, WW08, WXG+14, WH96, WGS99, WKO12, YL96, YHHS93, You89, YS97, YS13, ZLM+15, ZCL+18, ZS94, ZJJ18, ZZXT18, Frü91, HB91]. Image-based
[CWTL08, WLQC18, ZXD+14, BBE14, DCV98, EK15, FLM+15, Fun99, ZLM+15]. image-guided
[FSS+02, WH96]. image-rendering [SDD95]. image-space
[BND+17, CWC+14, YS97]. image-warping [SvLBFI0]. image-warping-based [JK15]. image/video [LSH+12]. Imagery
[Cro80, San85, Kru99b, Pum96, SL18]. Images
[BY88, DBG93, McC08, PN83, Szy89b, AF00, AM12, And98, AOL96, ACC+18, Bux97, CPG94, CH94, CEM89, CK96, CV97, Dix91, FSV17, FP89, GV89, GBV92, GZLV14, HL97, HZ15, HMHA98, HLS89, IU09, ILLC01, IPSIS17, Jac95, JCT+15, JPP01, JX96, dSJdML18, LH14, LNSW16, LMHRG10, Loy91, LHC12, MX12, MF02, MML12, Nik98, OdICA02, PMTK01, Par88, PPG+18, Pop93, PPZ+10, PR11, QB92, RA03, SM07, SOdSC17, SOdSC18, SL12a, Shl83, Sm03, SO75, SK06, TVS+03, WZZ+18, Ye02, YLH+18, ZLS98, ZGS17, ZWR+18, ZXD+14, ZLY06, ZPL+15]. ImageSwitcher [Ban97a]. imagination
[NH83]. Imaging
Impact [MPS85, Ano03p], implement [LRMS92, LS18], Implementations [Cul84, DM00, HBJ82, HTKV84, PR82a, PGR83, Pos77b, PF80, Sch75, SGGC05, Aon90, CH91, CDGA84, GN80, HR88, Hop98, LTS88, LRS^+03, NP88, PVR87, PKK03, SCM94, Sin87, STN95, TMB^+05, TC00, WTL^+11, Wei84a, Wri75, XZL88, Yue86, vOMRI^+15].

Implementations [BMP84, KMS^+97, ZR12, UPTd92].

Implementing [EWWL00, GO85, Sam89, SH94, TM75]. implications [Bre01, Cra02, Gre96]. Implicit [NKKN83, ASSF17, BS01a, BSL^+13, BMS^+11, CIPT15, DG96b, Fay85, FPC10, FFV^+11, GM07, GVPN09, Gom14, Hop98, LTS^+03, NP88, PVR87, PKK03, SCM94, Sin87, STN95, TMB^+05, TC00, WTL^+11, Wei84a, Wri75, XZL88, Yue86, vOMRI^+15].

Implementation [EWWL00, GO85, Sam89, SH94, TM75]. implications [Bre01, Cra02, Gre96]. Implicit [NKKN83, ASSF17, BS01a, BSL^+13, BMS^+11, CIPT15, DG96b, Fay85, FPC10, FFV^+11, GM07, GVPN09, Gom14, Hop98, LTS^+03, NP88, PVR87, PKK03, SCM94, Sin87, STN95, TMB^+05, TC00, WTL^+11, Wei84a, Wri75, XZL88, Yue86, vOMRI^+15].
Ano14b, Ano14c, Ano14d, Ano14e, Ano15b, Ano15c, Ano15d, Ano15e, Ano15g, Ano15h, Ano15i, Ano15j, Ano16a, Ano16b, Ano16c, Ano16d, Ano16e, Ano16f, Ano16g, Ano16h, Ano17h, Bax77, Bru14, Ehl85, Haz79b, HFP06, Mac77, ZML + 18, Ano94-29, Ano94-30. information [Ano06u, ADT + 16, BL96, BF02b, Car92, CSCF08, CLE13, Fer01, GN94, HIS83, HMAHA98, Jun94, KR96, KN88, KPB96, Mar80, Mar82, PBG + 14, RGE07, RBFS10, TG02, TPK13, VV89]. Informatic [Cib77]. informatiques [CV77]. infotainment [HKS01]. infrared [ADT + 16]. infrastructure [KKC94]. infrastructures [HKS01]. Ing [Enc15b, EJ15]. ingredients [AA92]. inhabited [LCCS04]. Inhibition [Row82]. inhomogeneous [hLtfTxDdZ09, PB13, SGCC05]. initial [ABCD93, LaV07, Lie85]. initialization [ZSS + 18]. Injectivity [ZZ15]. ink [BPGW11, Lee01, SLRP16, XMD + 12]. inner [CGB13]. Innovative [CVHM03]. INP [Ano07e]. inpainting [FDGM18]. Input [Bij85, BKCS79, IA83, Mac85, LRHS14, Ner75, WY03]. inputs [CH12]. inputting [WMW13]. inquiry [JMC + 04]. inscribed [BR07]. insects [GCCZ14, CWT18]. insertion [BG91, KB02]. Insight [TC93]. insights [Ree92]. inspection [LQOW80]. inspired [AP09, MSR + 13, OMP + 18]. instability [BjOwKM12]. installations [GA07]. Institute [Mir87, GA88]. instruction [Cor76]. instructions [TMK94]. Instrument [Pot77a, FM99]. Instruments [Gra85]. Integer [ML79, ATBH8, FH94, IKBB0, ML12]. integer-based [IKB00]. Integral [Haz77]. integratable [Sch85a]. Integrated [Eas85, HMAHA98, Sch86a, SL16b, For84, GDA + 13, Gru87, IYH97, LRHS14, SZEG93, SMS09a, SMS09b, SC97, Sta87a, Yam94, ZR97]. Integrating [ACV03, EL04, ESAH02, App87, CSFG96, FB12]. Integration [GA83b, Nik06, OH38, SVT86, Ano94-32, Ano94-31, AP99, Ban85, DEST95, LPV95, NRG05, PTW98, RAG05, REG + 89]. Integrity [TJ85]. Intel [XWW + 18]. intelligence [Ano04g, Ano07f]. Intelligent [Ano86d, Ano94-29, Ano94-30, Ano02f, KSO1b, PP99, Ano03-37, Ano03c, Ano04d, Ano04-40, HEW + 18, JD75, KD94a, LVVC06, Zl00]. intensity [BJP97, MKG00, Rok93b]. intent [GR09, VR16]. intention [Nap95]. inter [ESFGDZ97]. inter-faces [ESFGDZ97]. Interact [Ano05i]. Interacting [ACSW75, VSKG03, AA07, GD00, Pla00, ZBP + 18]. Interaction [Ano070, Ano07-28, Dai93, Eas85, FGLW03, JNR85, Pro85, San06, Ano91b, AM10, BN07, B + 00, BES00, CCM + 11, CJJ99, CS18, Duc18, FGES96, FBT93, GMM18, KS96, MK83, MR95, MCKS06, PR97, PSBM10, RHN03, RHS + 94, RWE05, Shi04, Sla92, SSS15, SL16b, SKL + 13, Väa93, WL15, Wes94, van89a, Ano07-29, Ano12m, Kry14]. Interaction-free [FGLW03]. interactions [FRTT18, Gro91, KD94a, LCAZ14, Lin15, LhCE97, MYC15]. Interactive [ASC17, ANGH11, Ano06-50, APB07, BS77, BG79, BL82, BS01h, CS88, CIK99, CE80, CF99, Cho06, DQF04, DSJ19, DM79, Del80, ERWS12, EB10, Fru94, GMM87, GI13, GYD75, GHCH03, GSY94, GW84, Ha77, Haz79b, HKH89, HJDR95, JH98, KJS17, KJS18, KD86, KK12, LFPI10, LSG03, LCDN06, LS07, IVM11, LSH + 12, LZ88, LLRR87, Mac78, ME77, Mar79, ME83, MYF06, Met85, PSMD14, PZ + 05, Per77, Rag79, Rau06, RMD11, RS75, SB77, SBOTT8, Sch85b, SD15, SS12b, SWS75, SS13, SB48, SS75a, Spr75, SJG19, SS75b, TMK94, VP06, WCA + 11, WSL14, YWR03, ASPO15, Ano03f, Bai07, BS04, BMU + 16, Beb75, BH15, Brn75, BEFV94, BBP10, dSC07, Cas87, Che06, CS04, Chu90, CST05, CB10, CT75, CK75, Cra02, CS80b,
LT95, LL12, MK89, MZ89, PS02, SF98, SJ94, TFY00, WA02, ZM91, Zub88.

intersection-free [GS01b], intersections [FFV+11]. interspersed [SD08]. Interval [Ala85, SF91, CM15a, Lam99, Sar92b].


intrinsic [BBHC15, CW03, CLE13, LW99, LLL+15, LXCW18, TOY+14]. Introducing [GS01b].}

intersection-free [GS01b]. intersections [FFV+11]. interspersed [SD08]. interval [Ala85, SF91, CM15a, Lam99, Sar92b].


intrinsic [BBHC15, CW03, CLE13, LW99, LLL+15, LXCW18, TOY+14]. Introducing [GS01b].}

intersection-free [GS01b]. intersections [FFV+11]. interspersed [SD08]. interval [Ala85, SF91, CM15a, Lam99, Sar92b].


intrinsic [BBHC15, CW03, CLE13, LW99, LLL+15, LXCW18, TOY+14]. Introducing [GS01b].}

intersection-free [GS01b]. intersections [FFV+11]. interspersed [SD08]. interval [Ala85, SF91, CM15a, Lam99, Sar92b].


intrinsic [BBHC15, CW03, CLE13, LW99, LLL+15, LXCW18, TOY+14]. Introducing [GS01b].}

intersection-free [GS01b]. intersections [FFV+11]. interspersed [SD08]. interval [Ala85, SF91, CM15a, Lam99, Sar92b].


intrinsic [BBHC15, CW03, CLE13, LW99, LLL+15, LXCW18, TOY+14]. Introducing [GS01b].}

intersection-free [GS01b]. intersections [FFV+11]. interspersed [SD08]. interval [Ala85, SF91, CM15a, Lam99, Sar92b].


intrinsic [BBHC15, CW03, CLE13, LW99, LLL+15, LXCW18, TOY+14]. Introducing [GS01b].}
[FEVM10, Oik98, Seg88]. law [MCM+18].
layer [JCT+15, WTL+11]. Layered [GM04, LX08, SJ15, BES00, MW99, OP13, Yam94].
Layering [Ke00, ACO12]. layers [CKCK09, WLW05]. Layout [BDKK96, CB10, CYW15, IKM90, XH88].
Layout-aware [CB10]. layouts [MMV+14].
Layout-aware [BDKK96, CB10, CYW15, IKM90, XH88].
Leading [EF15]. learned [WKS03].
Learning [Ano07x, Ano07w, CLF+06, Che06, FS78, JMC+04, Smi77, TSC16, XhKMK16, BKG16, BRdSOS17, BHL+15, Cum89, GTdS+18, HS14, KJ01, LLHH94, LPL+05, LB19, McC96, MMH95, NRT95, Nov03, PZH+05, Pan06, PCY+06, QLF+09, RMP19, Roj94, VCHR07, Wes94, Woi02b, YS15, ZH+12, ZLLG18, EMB+98].
Least [Coo78, Zha98a, CC01a, LZC+15, MYF06, RGRG15]. Least-Squares [Coo78, CC01a].
Leather [MHZ94].
Lectures [Mei83]. left [FN08, PiP00].
Leonardo [Sch95]. Less [LS79, CCY+03]. Lessons [CB01, WKS03, EL04]. Letter [Jor18c, Sar02].
Level [DDM+06, Mac85, PN83, ANE17, Ban97b, BDP82, CRD10, CV97, DL93, EB10, GN80, GNL+15, HIW+08, HE15, IC87, KKL2, Pur87a, RC08, SD15, She12, SK99, Tho84, TT12, WW08, YK18, dLvL00].
level-of-abstraction [SD15].
Level-of-detail [DDM+06, GNL+15].
level-set [EB10]. levels [JP10, RS99, SP00b, ZZZD10]. LGV [SD90].
LHX [IYH97]. Liberation [SDS89].
Libraries [CKS98, FHM98, FMS98, HMHA98, IE98, SK98, SHG98, AF00, ANE17]. library [BDRV01, OSZ00]. LiDAR [HLZ+17]. liés [Dom77].
life [BGD18, CLF+06, DSN75, MKHN01, NK01, PR96, VA96, ZGS17, Bout09, Rei97c].
Lifelong [EMB+98]. lifting [KPA12]. lifting-based [KPA12]. Light [APSS01, BP93, KD00, SPMA13, BGM08, BB15, CMB17, CPLB14, DLW+03, LWW08, LMHRG10, MCV18, MAG+12, PA91, RLS+12, SSDS12, SSH16, SKS17]. light-field [BB15]. Lighting [PH90, BCMD17, CDPS06, FB12, FB15b, KD00, MPA+10, UKL+13]. lightning [Kru99b, VR06]. lights [KJS17, KJS18, Rok93b]. lightweight [IY90, RBP+01]. likelihood [CTQ+14, WLZL18, ZZZ+14]. limit [FC00b]. limited [Ben06a, Dix91].
Lindemayr [CG93]. Line [AR84, AB78, Bor91, CSG+17, DBG92, EKP93, KFW16, KEVD18, REG+89, SM92, Ska96, ACSW75, AC89, AS91, AA01, BR89, BPS03, BC13, Cas88, CC01b, CZ06, CS80b, Dor90, ENE11, GIZ95, Hor82, HH91, IB06, LWP02, MKOC08, MLBP02, OK03, PR28b, PLM+05, PF80, Ran87a, Ran91, RM91, SMMS01, SH94, SLL+17, SEC90, Ska93, Ska94, Ska97, SPY87, SL01, TT82, VBW12, VBTW13, WLC88, WWL+12, WWY16, YZ17, YS97, YD00, Zeh91, SL01].
Line-of-sight [REG+89]. line-search [ENE11]. Linear [BP93, BG80, LW90, OKBG08, ZM91, ANE17, BFSE03, DRFRD06, Fal89, GPR08, GSA89, IA91, KH00, Lam99, GZ89, PS15a, PA91, TT82, TMSPB09, Van09, WELW99, WWL16, YR96, ZM92]. Lines [SBOT78, AWI+09, APS09, BC13, Day92, EHBA10, uHRBK06, I1K2, Koa87, LD09, PK91, Phi92, SHK18, Tsu17, ZJK95, ZGW+16]. linguistic [Kas87]. linkages [EK15]. Liquid [CIPT15, RF18]. Lisa [Sch95]. List [Ano80, Ano83c, Ano85e, Ano94w, Ano95-32, Ano95-42, Ano97e, Ano99i, Ano10-48, Ano10-38, Ano10-44,
lithic [APA+11], live [GHS06, APB07].

LivePaper [RR01]. liver [MTC02]. lobes [MPA+10]. Local
[AVHT17, BW94, BHL+15, FSV17, MG86, PS12, RM91, BWdBP13, BFRA11, DK92, DLZY14, GS01a, GKT02, KB15, LXY18, ODZS11, Sar04, SXS14]. locality
[WLZL18]. localization [HZ18, ZCZ+18].

Localized [DDW11, LLW+19]. Locally
[SBD15a, dGWvD09, ZEK+17]. Location
[LMD96, MAF16, SBG99]. locations
[JRSM17]. locomotion [GCCZ14]. LOD
[BGK04, CCL+03, MCT08, RCB10]. log
[BRU14]. log-domain [BRU14]. logic
[OGSSLM+07, PP90, RR92, SSM87]. logical
[SZY91]. logico [DOM77]. logico-sémantiques [DOM77]. Logistic
[SLC97, BF07, HX96, QM96, SZY90b].

LOGO [SCMT91, SCM94]. LogP [DG17].
logs [OT88]. longest [PMM18]. Look
[LAR97, BK15, H+00a, SK99]. loom
[PIE95b]. loop [MW12]. loops
[DL90, FB11, MT88, MIE90]. Lorenz
[OK2]. loss [CP94]. losses [PMR+16].

Lossless [AF00, BW98]. Lot [CE80]. Low
[DDQ18, KAFB18, LZL+15, SVLB10, VLD15, CM06, CS16, KKT88, MEF97, NSL16, SL92, WHF16, ZCL+13].

low-complexity [CM06]. low-cost
[KKNT88]. Low-fidelity [KAFB18].

low-power [NSL16]. Low-rank
[LZL+15, ZCL+13]. Lowell
[EGL+95, GR88]. LSPIHT [CFB15].

Lunda [Ger97]. Lunda-designs [Ger97].
lung [YLH+18]. lust [BEVF94]. LUT
[CDGC94]. LUT-based [CDGC94].

Lyapunov [MH89].

M [SR95]. M-Buffer [SR95]. Mach
[HOD91, HO94]. Machine
[HRTK86, MTC78, WSB55, Ano94a, Ano94v, HH97, HIS83, HS14, KMS+97, LPD13, MK38, MN90, PXH+03, TR95]. machines

[JS09]. machining
[BÖ90, CXT18, PPVT03]. macromodular
[FEJM75]. Made [EF15, AAB92, CL96, 
GvK18, MAdS+19, OUZS18, BBD03].

Magic [AdBC+04]. MagicBook [BKP01].
Magnetic [NYKN83, AP99]. Mahalanobis
[RA15b]. maintainability [MMF03].
maintenance [GZ99]. major [KAV+88].
majors [She12]. make [KL02, QMHH91].
maker [GR09]. Making [HCL16, Sé13, 
AB90, BPD15, Ml75, RHLF14, Sh95].
malleable [OK12]. Man
[HIS83, WSB55, GvK18, HR97, MK38, Gly91].

Man-Machine [WB58, HIS83, HR97].
man-made [GvK18]. man/machine
[MK83]. Management
[BT78, HAZ96, AD85, DGO6, ET07, 
GB75, H+01, LCGN92, RC08, RJS98, 
SFT86, vOMR+15, Ano94-29, Ano94-30].
manager [MMF03]. Managing
[SP00b, SBSL04]. mandala [CS01].

Mandarin [DNA03a]. Mandelbrot
[CCC00, DSB96, DMT03, FR92b, FPR92, 
Gin02, Hoo91, Jon90, OdLO2A02, PRM04, 
Phi92, PFR94, RAO6, ROJ91, RPAM04, 
RPAM06, RAA+08]. Manent [CUD06].

manifold [ASC17, CDWL1, MX14, 
MCAH12, MG98, WHL+09, YY96].

Manifolds [QV95, AGC15, OSI05, SXG+09, 
SJ15, VBTW13, dCDL14]. manipulating
[CH12]. Manipulation [CHMR78, UBW99, 
AK13, AA07, CEG18, CSM9, GZLW14, 
KSR99, RS75, SH03, Sh04, SWS10, YNS94].

manipulations [PX06, RHM+12].

manufacture [GA83b, PSR+93].

manufacturing [BT94, For84, HBA13, 
IR06, LCA19, SHD+17]. many [JYL17].

Map [BT78, BS82, BSGT03, BR95, CSM18, 
Car99b, Coo00b, DW09, DUR9, FJ17, 
HWFQ09, HAB75, MH99, MR99, SLP+17, 
SP95, SLG97, WWK11, Zha96, ABG+18].

MAPEDIT [HAB75]. mapped [Fiu87].

Mapping
[CCS08, CM93, GPSC84, Jer85, RHS+94, 
MS85, MLR+95]. Mapping
Meditation [Web85]. Meditations [Mad00]. medium [CS03, Mok87].
medium-global [Mok87]. Medley [Rei10]. meeting [GMM18].
Meets [Ano01-59, Ano04a, BPS06, H+00a, HH88, RCB15, RBUB94].
Meinhardt [Coo01a]. Melting [ZWQ+06]. members [GBG04].
Memorial [Enc95a, Enc15b]. Memory [MCTB14, SSDS12, CYKK09, KKˇZ04, NRTT95, SLS03, dGHM97, TPRC18]. Memory-optimized [MCTB14].
[BA09, Fou11, Gab77, KNC11, LKL02a, RCPB01, TCL+15a, ZLGH10, AMHWW16, ASSF17, AF11, BjowKM12, CA15, CKCK09, CMS98, FWX+18, GA00a, JGA09, KPA12, LY15, LBD17, LZF+04, fLhLfT11, LWL11, hLfTxDiZ09, LCCM02, LTBB13, LZL+15, LLS+16, LCW+18, MYF06, MVS14, MRSS+18, MFL11, MGJ+11, MKMK18, SMS09a, SMS09b, SA86, SA87, TSD+07, TAF16, WLDB11, WY11b, WTM12, XhKKL16, XGZ11, XLXG11, XCZ+16, XCW+09, XGC18, YPSZ01, YWH+16, ZD04, ZQL15, dAU14, dcDL14]. Mesh-aware [KNC11]. mesh-based [DFW15, ZSK95]. Meshes [AYZ12, PF16, TJ85, ACG15, ASC17, AK15, BW12, BGMP08, BFRA11, BAS+15, BS01b, BAC14, CCL+03, CCO8, FJ17, Hop98, HX+12, KNC11, KYM12, LGRP14, LAL11, LBLV16, LLX+15, MCAH12, MGH13, ML19, MMS15, NC12, NAO13, OP13, OP15, PS13a, PT16, PMV06, PB96, Rei98, RA15a, RMC15, SXG+09, SBSL04, SCC11, TB19, TT12, VGP04, VMAL16, VH15, WFG03, WCLZ14, ZY01, ZSL12, ZCT93, dGGV08]. Meshing [TGG06, DLS+11, GVPN09, LCZ+11, LCA19, MG98, SS12a]. Meshless [LLZ+11, SOG08, ZLGH10].
[Bar77, CGH94, CS85, Lam87, NYKN83, Uga06, Wal93b, AF16a, ASPO15, And82, Bap99, BCG+94, BW92, BAC14, Car99b, Car93, CM06, CP96, CM15a, Cla90, CPL14, CS08b, DWH+15, FWCS97, FWX+18, FB14, BF15a, FV13, FEBS07, GH98, Gil94, GLDK95, HJW+08, HL8+06, HY93a, JKK02, JK15, JYL17, Jon91, KB06, KCL18, KGK+07, Lam00, Les01, LW89, LUB+13, MLP02, MF02, MR90b, OCFZ12, PMZS97, PTY+16, PCP15, Pur87b, QGGW97, Ree91, Ree92, RH85, Rei98, SGGC05, SK09, SDSL9, Spr04, Ste09, Sz90a, TNU+01, TDR01, VRV05, VH15, WW08, WLP+14, WWT18, WZL19, WAM17, XPL90, XM12, XMD+12, YLYJ13, YHHS93, ZK95, ZK07, ZM91, ZM92, ZCT95, ZL06]. méthodes [CV77]. Methodologies [Cot75a]. methodology [HLCF88, JCFN18, LCCM02, MTL82, VJ06]. Methods
[Ala85, Ent89b, ABM+06, CA08, CWNA08, Car96, Car99a, CRT04, DMT03, GLHD97, GOZ95, JIT2, KHTM17, KP95, LB75, LSW12, MLP19, Per02, RCBS10, RCG+05, RRN95, SS9a, SF91, UPT97, Wal94b, WMRA+15]. metric [ZZDZ10]. metrics [LTBB13, TSD+07, YRS+18]. Metropolis [APSS01, SKS17]. MFS [LXW+10]. MHz [MDJ+95]. MIC [XXW+18]. Micro
[Ade85, ML79, Ano91c]. microcontrollers [Nar15]. Micrographics [Ade86]. Microprocessor [Bas77, PR82b]. Microprocessor-Based [Bas77]. microscope [RPFC01]. microvascular
tHV10, vRESH16, Ano07a, Ano07b].
modélisation [Nan77]. Modelling
[All84, Ano95q, Ano95r, Ano95s, Ano01-54, Ano01-57, B+00, FHP89, Kle86, MPS85, PMPR+16, Wen84, vEB98, Ano03-53, Ano05-40, BBH90, CSFG96, CSZ92, CiiCP04, DAFH04, DMS08, FS86a, Fal89, FR98, GDMMF03, GT83, HY03, JK90, JDS88, K+00a, KH96, LTS96, LS07, LS06, LR90, MQW09, NGA95, PCS00, Pla00, PM10, RBUB94, STM+04, SL129, SPS96, Ste09, WM95, YTS83, Ano93c]. Models
[BP93, BKL+95, DMT93, GÖT93, IO91, SK083, Web84, ASP015, AVM05, AB11, BMH99, Be84, BA90, CA17, CEC08, CKS98, CB10, CDG94, CMDS17, DA18, DBGNV18, Dol95, DLZY91, EHBMS2, Elb11, GM04, GF09, GKL07, GÖT97, GYL+13, GK04, HFP06, HHKF10, HCLC16, HK99, JCFN18, KFPT03, KM14, Kuo01, LLH17, LD03, Lee01, LYW+10, LNSW16, LCCM02, LJWcH07, LXCW18, LUB+13, LVTC06, MHW10, MAG+12, ME92, MCT05, MPS06, OVWK16, PA07, PSBM10, PSS94, RC08, RVdF08, Ros89, SK98, SCGCC0, SD08, STW82, SH03, SI98, SC97, SZL+13, TNFG14, WL12, Wes94, XM12, YK18, ZK07, van89a]]. modern
[APA+11, FFW13, Mad00]. Modification
[GGW84, SDS89, van89a]. Modified
[An19, CCK09, SEZ09, WW08].
modular [CCW97, CCA00, CCW01, KS15, LP93, Sch85a]. modularized [Sen99].
modulation [APS09, HLO16]. modules
[Wol02b]. Moebius [FSV01]. MOGRA
[RG93]. Moiré [Sen00, Rag09, YT87].
molds [HCLF88, SJG19]. Molecular
[HHJS88, HvK87, RG93, WMF98, EHBMS2, HGvV16, VFS06, ZS14].
molecule [HSD06]. Molecules [CHMR78].
mollusc [vEB98]. Moment
[TD+07]. Moment-based
[TD+07]. moments
[WLD11]. Mona [Sch95]. Monastery
[ACB12]. monitor [FP89]. monitoring
[Han84]. monocular
[ET18, HZI5, MPQG18, WWK11].
monopole [SHK18]. monotonous
[DBG92, SAMA97, Sar99, Sar99, Sar03].
montage [TR95]. Monte
[BSB+02, JC95, PTP88, SB98, SI94, WLZL18]. Morphing
[Ch98, CHT96, FBH+01, GS01b, LBTM15, Mar04, PT16, YF09]. morphologic
[WCLZ14]. Morphological
[SFVP13]. Morphology
[CG93]. Morphosis
[Eng93]. Morse
[CDI12, CDIM16, DS18, IFD15].
mosaics
[BX99]. Most
[Ano11c, Ano13c, GL83]. MuSoMo
[GD11].
Motif
[Jer95]. motifs
[CGH94]. Motif
[STN95]. Motion
[MK85, OP19, SNB97, YZM+15, AOB17, Ano94a, Ano94b, Ano96-35, BBH85, BPF98, BHTT94, CSP19, CF05, CG94, CS06, ESAH02, GG14, HHCM17, LLC01, KRRS12, LLZ16, LDG96, Lin97, LCK94, LB12, LPV92, MA17, PF89, PO28, RLCM18, TH09, UOT83, VR16, WLP+14, WIl75, WMDR08].
motion-JPEG
[CPG94]. motivated
[CF05]. Motor
[BMDT18, FvPT01, HGH+18, RHM+12, SL18]. mouse
[CI92, KY97]. movable
[Gid87]. move
[Car92]. movement
[BT94, P01]. movements
[DBS+18]. movie
[CLH12, FP75]. movies
[JM88]. Moving
[EPS96, Gon98, JHT4, KB05, RGR15, ZMM+90]. MP
[GS89]. MPEG
[DJG+04, HEG98, QN98]. MPEG-4
[HEG98]. MR
[EKG06]. MRI
[PIMT10]. MSOKS
[JK90]. MSRS
[GRPR08]. Multi
[An95-39, Ano95-40, Ano06-37, DS03, FTB16, JCT+15, JD75, LRG11, MD588, MH17, PBK13, RVR04, SV18, TF18, TKS11, VHO04, WHZ+18, ZZJ+14. dLvL00, ALC06, AK31, Ano06-34, ASZ+14, AP99, BWD13, BES00, BRPC18, Bus09, BBP10, CH93, CF11, CXT18, CDI12, CS06, DG06, E+00, GVJ99, GS04, HKCL02, HE15, KHTM17, KP15, KKL16, KL02, KMWW+14, LBD17, LCCM02, MRF06,
MVS14, OP13, PP16, PSK+11, Ran87b, SSH16, SGS99, SK16, SCCS13, SIE14, Tap06, TBP08, WTL+11, WAM17, YK18, FS78].

**multi-axis** [CXT18].

**Multi-block** [DS93, SGS99].

**multi-body** [CS06, WAM17].

**multi-bounce** [SSH16].

**Multi-branched** [ZZJ+14].

**Multi-camera** [LRG11].

**multi-channel** [VHON04].

**multi-chart** [MVS14].

**Multi-console** [JD75].

**multi-core** [TPB08].

**multi-covering** [SIE14].

**Multi-Curve** [Moh77].

**multi-dimensional** [E000, SCCS13].

**Multi-exemplar** [PBK13].

**multi-exposure** [KHTM17].

**multi-L-REP** [MRF06].

**Multi-layer** [JCT+15, WTL+11].

**multi-layered** [BES00, OP13].

**Multi-material** [FTB16, SK16].

**Multi-material-appliances** [HK04].

**multimodal** [AT08, SKR15, HKS01].

**Multimodality** [ZKS96].

**multiparametric** [Dal00].

**multiphase** [ZWQ+06].

**multiple** [ASKCK03, ARL78, Lea85, BH15, Bro07d, CP10, DKY97, GL83, Gil94, KLW12, LW10, MC10, MTS05, PR97, SK98, WSG10, YPSZ01].

**multiresolution** [BS11].

**Multiresolutions** [Ger02, Lam99, OSB07, Reif07, GM04, HS99, KPVT03, KNC11, MVS14, MCT05, MRS17, PR97, SK98, WSG10, YPSZ01].

**multiscale** [LKLW16, BNPS10, ID17, WJGG15].

**multiselection** [JALS03].

**multitask** [HTKV84, ZLLG18].

**multivariable** [PMBS14, POP11, SS02].

**multiview** [DSR11].

**mundane** [CS01].

**Murray** [Pha95].

**muscles** [RRC18].

**Museum** [ACB12, GPC18].

**n** [FB11].

**n-loops** [FB11].

**Nanyang** [Ano03a].
Narrow [GPTB02]. Narrow-band [GPTB02]. Narrowband [SBOT78].
National [ACB12]. Natural
[BN06, BKCS79, GM86, MAG+12, MPS85, Ano05m, Des09, FB12, GBF14, HL96, JS92, LS05, Ste09, VRV05].
Nature
[COM+94, KRP+91]. NAVER [PKK03]. Navigation
[NRTT95, PF16, SW91, BJS19, BG01, BJS01, DBW+12, FHM98, HK99, MAG+12, MMGB17, OP13, OP15, SVNB99, SAB12, SDWE99, dAPG18].
Navigational [ZI00]. NBS [ZSW08].
Near
[OP13, BW98, LSW15]. near-isometric [LSW15].
Near-lossless [BW98]. nearest [Li89, dGMW16, SSV07]. nearly [ITW18].
NEDLAN [Mar76]. needs [GHFH08].
Negative [Pie89, QMHF91]. neighbor [dGMW16, Sam89, SSV07]. neighborhood [ANHG11, MX14, QD03, RA03]. neighbors [Li89].
NEOGEN [OP13]. Nerve [SMG77].
nested [AG94, GRW00, SCCS13]. nesting [SB86, Seg88].
NET [Ano01-63, CDGC94, Spr98, Wil03].
net-delay [CDGC94]. Nets [KS86, MRR98].
Network
[Ano07-33, LLR93, ME77, ZHX+12, AHK03, BF02a, CLN+16, CSK97, CT75, Cot75b, DK92, FP87, FK11, GK04, HJL+93, IMMS82, KKH803, LBD17, Mar76, Mar80, Mar82, PBI19, ZDL+19, dGGDV11, Sch86a].
network-attached [KKH803].
network-based [FK11].
Network-Oriented [ME77]. networked [HW89, PZH+05, S+01, PKK03].
Networking [Ano93b, Ano01-50, Ano06-27, Ano06-38, Ano04-58]. Networks
[Mar80, Now86, BGLA18, BC01, BRPC18, CYW15, CMLR11, Egi86b, HIS83, KMV+18, Mar76, Mar82, OK12, Roj94, RHB895, SM99, SPT18, SHBSS16, SHBSS17, WGS+18c, WGS+18a, WGS+18b].
Neural [FK11, BF02a, BC01, BRPC18, LBD17, Roj94, SPT18, Spr98, VH15].
neurodegenerative [CMLR11].
neurosurgery [H+00b]. Newton [Car99a, Car99b, CZC02, Gil94, JK02, LdSP+08, MR90b, Wal93b, Wal94b, YHHS93].
next [Li89, Mad95, Pea02]. Nibble [MG98].
no [QWC14, WW08]. no-search [WW08].
Node [Bar77]. nodes [IA91]. nodule [YLH+18]. noise [BM08, LH14, LYZ15, Sno03, TDR+17, XHGL12, YIL09, ZGZ+16].
oisy [DRFRD06, GS11, MTSM10].
Nomadic [KPB96].
Non
[Ano12s, HQW14, LMJH+11, Mac78, SB77, Van09, WH96, YSD13, AOB17, AVM05, Bay95, BFSE03, CDW11, CLT07, CST05, DS93, GFB14, Gin02, GS11, MG98, MML12, PMTK01, She12, SNS06a, TSK98, WA02, ZSL12, CI11, SCMT91, Var92].
non-computer [She12]. non-distributive [Gin02]. non-Euclidean [SCMT91, Var92].
Non-Interactive [Mac78]. Non-invasive [WH96]. Non-linear [Van09, BFSE03].
non-manifold [CDW11, MG98].
non-natural [GBF14]. non-overlapping [WA02].
Non-parametric [HQW14, SNS06a]. Non-Photorealistic
[Ano12s, LMJH+11, AOB17, AVM05, CST05, MML12, CI11].
non-planar [Bay95].
non-rectangular [DS93]. non-rigid [AOB17, ZSL12]. non-self-intersecting [PMTK01].
nonconvex [SA86]. noniterative [Jas88].
nonlinear
[FA94, G+01, Gro94, MC06, Zay12].
nonlinearity [PSBM10, Szy89b].
nonnegative [PHLW15]. nontrivial [VBW12]. norm [KKL02]. normal
[CST05, GS11, LSK+10, LZC+15, LCW+18, MFP11, SPS12a, SHBSS16, WM95, XLGS16, XXT18, YRS+18, ZCL+13, ZQ12].
normalization [Kn95b]. Normalized
[TMP07, Bru14]. Normals [FM09]. Norte [FCSB90].
NOSSDAV [Ano07-33].
Notation [BSW78, CS80a]. Note
[Ano10i, Chr78, CN05, FP89, Hoo91, Jor18a, Jor18b, Jor18d, Jor18f, Jor19a, Jor19b, Jor19c, Ano12k, BT83, Coo07, Dal00, Jor18e, MW92, Pic88a, Pic89, Pra92, Ran87b, Rec91, VHE10, Ano06-45]. Notes [Nug91, DPS10, ZW88]. Notice [Ano07-40]. Notions [LS18]. Novel [CTN+17, FWX+18, GCCZ14, KONS17, MMS+17, MBV18, OFP+11, PP16, Shi04, XD08, ZZXT18]. Novelty [Dia94]. NPAR [Ano12s, CI11]. NPSNET [FZPM93]. NPSOFF [ZWP+93]. Interactive [Mon87]. Nu [Sar04]. Numbers [FN10, Lak89, Szy92]. Numeric [SK03]. Numerical [CGM91, Cor76, LB75, Szy89a]. Numerically [BS11]. NURBS [Sar92a, BGK04, HY03, IC96, MCK12, PL97, PX06, QGGW97, WZT97, Yin04, ZFS03]. O [CGW07], O-Buffer [CGW07], OBB [CK90]. OBB-based [CK90]. Object [DSM+99, KAÖ98, PD+18, She88, STN95, TT19, WLZL18, Wis56, Ano13o, AA13, CSFG96, CEG18, CH91, CMD99, CSLY01, Cze90, Day92, DFGM18, FV15, GMD+13, GBD88, HOCN07, HJ+93, IR06, JSV98, dSJMR18, Kas87, KLW12, KP98, Les02, LL04, LL05, LLS88, PPSS96, QD03, QKS01, SS93, SS02, SJ09, SSS00, SO75, SCFF16, UPTd92, VV89, WZZZ18, YZ17, ZS94, ZLLG18, ZMK18, ZWP+93]. Object-orientation [SS02]. Object-Oriented [Wis56, She88, STN95, CSFG96, CH91, Cze90, HJ+93, PPSS96, SS93, SSS00, UPTd92, VV89]. Object-Space [KAÖ98]. Objective [PAE09]. Objects [Haa94, Van85, AV03, ACC+11, AF89, Ano06-35, ADOR02, AG94, BF02a, BD97, BK89b, CL97, Cho06, CKKK09, CP10, CH12, CR99, DG96b, DZ91, EME15, FGE96, Fiu89, GRPR08, GO10, GTG06, GKT02, GvK18, GN89, HZ15, HKYM01, JC95, JHPH11, Jut94, KD11, KP95, KD96, LY15, Lia97, LWD+18, MW99, MMS89, MA94, MD99b, MC10, MG90, MS08, MO06, MLP01, ME17, NG88, OK99, OK03, PD90, PL+12, PLM+05, RBP96, SCVCN16, SKS95, SDFS89, Srob, SX14, ÜT99, WF95, YLT+18, YY96, Zh91, ZPL+15]. Observations [TPRC18]. Obstructions [LMW06]. Obstacle-avoiding [LMW06]. Occlusion [FHFG99, SBS04, AM12, AMGA12, BMH99, DVND10, ET07, GSF99, KK001, KJ08, SPMA13]. Occlusions [HSE10]. Occupant [Wil75, WP77]. Occurrence [Loh95]. Ocean [BGW07]. Oct [SW91]. Oct-Tree [SW91]. Octree Path [Her85]. Octree [KGD96, San85, Z007, AF89, IA91, KONS17, LT08, SVNB99, MCT08]. Octree-based [Z007]. Octree-BTFs [WK17]. Octrees [GSA89, Lib91, Sam89, MCT05]. Octtree [Nav98, Wal89]. Octtrees [MMS89, Woo89]. Odd [FN10]. ODE [FRC06]. Off [Bor91, Coo07, JHPH11]. Off-Screen [JHPH11]. Office [CGR87, Hor83, Str83a]. Offset [Kar92, MCS+18, WJ91, ZR12]. Offsetting [MHCL15]. Oil [Rei75, SLKD16]. Oilfield [KAV+88]. OLED [CWC+14]. Omni [Par86]. Omnidirectional [FV17]. On-Board [SH96]. On-Line [AB78, PLM+05]. On-Off [Coo07]. On-Patient [MA15]. One [PR96, Dra98, DK97, FN08, HH88, RPM96, TGG06, ZCL+18]. One-Dimensional [RPM96]. One-Forms [TGG06]. One-Parameter [Dra98]. Online [BKM16, DWH09, PCD+15, VH15, ZMYH06]. Onto [LYW+10, SXY14, Zha98a]. OOPS [MAH00]. Op [IK12]. Opague [SLYY97]. Open [Egl86a, Ano05k, CLH+16, FP87, LBV14, LTPM96, SBD+94, TN02, ŽIŽ03]. OpenCL [HE15]. OpenGL [BMH99, Bf07, CC05]. OpenGL-Assisted [BMH99]. Opening [FB15b]. OpenSG [Rei04a, Rei04a, SBS04, WKE04]. Opera
[ZM07]. Operating [Ano07-33]. operation [GHM+96, KLO2, LT888, PPV03].
Operations [BB93a, DM00, FR88, Gho93, MT88, PYD+05, RF00, RA03, Wal89].
operator [AMHHW16, KD94a, WSX12]. Operators [Hac77, Row82, EB10, RBG+09, SM98, Szy91].
operations [KSR99]. operation [AP99, Bim15, CS18, Hod91, IA99, KKK01, KSH17, Sei99, SwvL07, SwL09, YSD13].
Optically [ZCZ+18]. optical [AP99, Bim15, CS18, Hod91, IA99, KKK01, KSH17, Sei99, SwvL07, SwL09, YSD13].
Optimal [BSB+02, DRFRD06, HLCF88, MG09, MB97a, PBN97, SB86, CTQ+14, GR93, JWL12, LCK16, LS18, OP13, Rag80, SKM98, XXT18]. Optimisation [CCCP04, GCCZ14, Mul01].
optimisation-based [CCCP04]. optimization [BCC10, CSHZ04, CBNJ+15, CB10, JK90, dSJdML18, KPA12, LWLT11, PJJSH16, SS92, WYZ+11, WWF+18, XCW+09, XGC18, ZCC+16].
optimizations [SEDT+03]. Optimized [CXT18, GSF99, vRESH16, CGWW16, LY08, MCTB14, SPS12a]. Optimizing [CHL+11, LW10]. Optimisation [ORM17]. Options [WFS+82]. Orbit [ZLY06, Car99a, Ye02]. Orbits [She93, Ml93]. Order [Ano15a, ASZ+14, CD93, HG02, LM16, MCTB14, RB06]. order-independent [MCTB14]. ordered [Egh80, SK03, Zha98b]. ordinary [CYJ+13]. ordinate [CPLB14]. Ordinates [ERDS14]. organic [Bro08a]. organisational [PBN97]. organization [SHLW99, WZZZ18]. Organized [Ano01d, KKMT06, PM13]. organizing [HK04, SK03]. organometallic [WMFR89]. Oriental [CLT07]. Orientation [And85, EME15, FTU95, And82, SBY11, SS02]. orientations [SHBSS17, XXT18]. Oriented [Dai93, Gra85, ME77, Wis86, AMM+07, BHTT94, CSFG96, CH91, CC08, CL18, Cze90, DSM+99, FCM+18, FRC06, GA83b, GS87, GB75, HJL+93, KD94a, KS96, KZe86, KKZ04, MGH13, MHLB16, Mar80, Mar82, Mar86, MO90, MA14, Muk86, PPSS96, SMM01, She88, SS93, STN05, SS90, SFC01, UPTd92, VVZ9]. Orienting [CHL+11, LW10]. origami [Van10]. originally [Car92]. orthant [LCK16]. orthodontics [RSN+07]. Orthogonal [HBA13, HL93, LYS+16]. orthographic [GZZS06, GN89, JCFN18, NG88, SLYY97, WFT95, YY96]. orthonormal [LLL+15]. organized [Ano03a]. Oscillating [Roj94]. oscillators [Cha97]. osculatory [Pic89]. OSF [STN95]. OSF/Motif™ [STN95].
Panoramic [GTTC03]. Paper [Ano99c, Ano01-36, Ano06m, Ano08b, Ano09c, Ano10a, Ano11c, DZ93, EDKS96, GLDK97, Ros92, Sou94, YQY90, Ano02t, Ano03k, Ano04m, Enc84b, Lee01, MML+11, RR01, ST02]. Papers [Ano93e, Ano95q, Ano95r, Ano95s, Ano96a, Ano03z, Ano09a, Ano09b, FT02, LWP02, MLPB02, NA02, Shi02, AL10, Ano77, Ano85a, Ano85b, Ano85c, Ano86c, Ano86d, Ano94p, Ano04j, Ano05m, Ano06f, Ano13o, Enc83d, Oli08, Ano01-31, Ano01-32]. parabola [Szy90b, WHH06]. Parabolic [RGRG15]. Parabolic-cylindrical [RGRG15]. paradigm [Jac93, MM18, SPGR93, TP89, dAPG18]. paradox [GMNS93]. Parallax [SPMA13]. Parallel [Ano07y, AF11, CTS+10, DTWT94, FRWW14, GP86, Haz79a, HS08, HF85, LCK16, LWW10, LTR+14, MP93, ME17, PS91, SIG02, SRF08, SPGR93, Smi93, TP08, VHR+18, WPH+14, ASPO15, Ano01-41, Ano03-48, Ano04-27, AZF13, AÇÖ96, Ban97a, Baw97, BH91, CSK97, DMT03, Fle91, GPR+95, Kla91, KKŽ04, KAÖ98, LL92, MR95, MB97a, PMPR+16, Pic94, RBL95, SDD95, SG15, SES12, TP89, TB+18, WIP08]. parallelism [LSH+12, NT00]. parameterisation [UBW99]. Parameterised [vdBB07]. parameterization [APS09, KW14, LKL02a, LJP+04, LCZ+11, LLZ+11, MC10, PT16, RGdL+18, ZLGH10]. parameters [AF11, AZF13, CFH+18]. parameterized [BPKH15, MCMT14, WSM9]. parameters [BBHC15, Con01, COPR17, GR93, HEG98, LRHS14, Muk86, TCL15b]. Parametric [AO91, BSJC02, CM+18, ML79, OdlCA02, Xu08, BLW12, BFRA11, Cha90, Do95, Dor90, FMP96, HQW14, LY15, LCCM02, MK83, OVKW16, Pie83, SNS06a, SXG+09, SXSY14, VCQ92, ZQ12]. Parametric-surface [BSJC02]. parametrically [PTR+92, RH85]. parametrization [LGWM17, WHFL16]. parametrised [van89a]. parking [CE80]. ParkSys [PLM+05]. Part [Ano01-51, HR07, IA83, KL02, CGH97a, CGH97b]. Part/Future [Ano01-51]. Parthenon [CDPS06]. partial [BW94, FDGM18, IT11, LSW15, MRC15]. partially [CK02b, CDF14]. participating [CS03, ERDS14]. Participation [Ano93c, Ano95x, Ano95y, Ano95z, Ano95a, Ano95b, Ano95c, Ano95-41, Ano95-39, Ano95-40, Ano86h, Ano94h, Ano94f, Ano94g, Ano01i, Ano95-27, Ano95x]. Particle [dSASP+15, CD15, dSJdML18, CYCL09, DG96b, EW99, GBP+17, GBP08, JSV98, MP98, PLM+05, Pla00, PCPW15, SKKN10, SKH+05, WLZL18, WW+18, XMD+12]. Particle-based [dSASP+15, CD15, GBP+17, SKKN10]. particles [CL18]. partitioning [BPS03, DBG92, SBS13]. parts [GO10, GvK18, RH85]. Past [Ano94z, Ano94-27, Ano94-28, Ano95-33, Ano95-34, Ano95-35, Ano95-36, Ano95-37, Ano95-38, Ano96g, Ano96h, Ano96i, Ano96j, Ano96k, Ano97f, Ano97g, Ano97h, Ano97i, Ano98a, Ano98b, Ano98c, Ano99a, Ano99b, Ano99j, Ano01x, Ano01z, Ano01y, Ano01-52, Ano01-53, Ano02o, Ano02p, Ano02q, Ano02-47, Ano02-48, Ano02-49, Ano03-42, Ano03-43, Ano03-44, Ano03-45, Ano03-46, Ano04-45, Ano04-46, Ano04-47, Ano04-48, Ano04-49, Ano05-34, Ano05-35, Ano05-36, Ano06-40, Ano06-41, Ano06-42, Ano06-43, Ano06-39, Ano07-34, Ano07-35, Ano07-36, NT95]. Past/Future
Ano95-38, Ano96g, Ano96i, Ano96j, Ano96k, Ano97f, Ano97g, Ano97h, Ano97i, Ano98a, Ano98b, Ano98c, Ano99a, Ano99b, Ano99j, Ano99o, Ano99p, Ano02-47, Ano02-49, Ano03-47, Ano04-47, Ano05-47, Ano06-47, Ano06-49, Ano06-49, Ano07-34, Ano07-35.

Patch [BBP13].
PatchSwapper [ZZXT18].
paths [BP10, LFP10, PF16, Sbe98, SAB12].
path-based [BP10].
path-finding [PF16].
paths [Car92, Car93, CSH08, KCR02, NAO13, Roj94].
Pattern [Ano04b, Ano06c, CFMP84, HX912, We99, Zha96, Fen88, LAB'14, LRG11, QMH791, R088, RBP'01, XCC94].
Pattern-Directed [CFMP84].
Patterns [FBR'17, Szy91, DTZ09, Dod09, Kar92, LP93, Li89, LSH18, Mas92, MVPL18, OCCZ12, Rag09, Sen00, Spr04, TB19, Van09].
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PDA-based [CG96].
PDE [UBW99, Uga06, YCZ04, ZY02].
Peak [Mok87].
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Peeling [PMM18, WTL'11].
pen [HS11, LSDP'08, SPL14, LSDP'08].
pen-based [LSDP'08].
Pencil [KYM12, AWI'09].
pending [Ano05y, SIG02].
pendula [PTR'92].
Penny [TVL16].
Penrose [McC02].
People [Bij85, VCHR07].
per-pixel [LYZ15].
percentile [FWX'18].
Perception [TDR'17, YGS12, BX99, ESAH02, GS01a, GKT02, Gro92, KP95, KS04, LLH17, MWDG13, Nan77, POBB09, SM75].
Perception-driven [YGS12].
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Perceptually [CFB15, MSR'13].
PerEL'05 [Ano04-38].
perfect [BD98].
perform [AA00, TKD16].
Performance [AP88, BS82, GP86, Ano91d, DG96c, EHM84, EK15, JL979, KSKS96, KTY'17, LBLD97, Lea87, MA17, NC07, NBE'04, Sla92, ZZCL14, ZGdDL'96, ZFJ90].
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periodical [SU93, Var92].
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perpendicularly [Baw97].
PERQ [GO85, LH83].
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Persistency-based [DL09].
person-generation [DS18].
person [PSBD19].
Personal [BG01, Mad94, Mad95, Str85b, Web85, CIK99, HkK87, MBPF12, McW87, Nug91, Shi04].
personality [IM07].
personality-rich [IM07].
personality [IM07].
persons [IM07].
persons-New [IM07].
Perspective [GPC84, Kor90, San85, Suf88, Fal89, HT96, HK15, RR15, Sch88, TK11, YZ17, ZS94].
perspectives [Bay95, CMSF11, DDM'06, McC95].
perturbation [KLP01].
Pervasive [Ano021, Ano04-50, Ano05-37, Ano04g, Ano04-38, Ano06-44].
Petri [KS86, MRR98].
PEX-environment [PH90].
PGV [Ano04-27].
Phase [PTR'92, Rag79, Pic87a, STT'18, ZZJ'14].
phase-field [ZZJ'14].
phases [BCF06].
Phenomena [BN06, Ano05m, GSA06, MG08, SAKB75].
phenomenon [VR06].
PHI [NP88].
PHIGS [NP88].
PHIGS [NP88].
PPI-GKS [NP88].
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phone [KPB96].
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KD11, KYL15, KK16, KB04, Lam00, LSK+10, LCZ+11, Lin90, LZC+15, MAFL16, MKJ08, MRFO6, MTSM10, MPM15, MKPM17, Mor76, NOS15, OT97, OMW13, PLJ+13, PS13a, RPM19, RBF17, SSV07, Sar92b, SW11, SMK08, SBY11, SG15, SPS12b, SWL+16, TG06, TCL15b, VBS+15, VH02, VDB09, WBB+08, WLV05, WW06, WTL+11, WSL92, WAM17, WGL00, WLGO4, XLGG11, XWW+18, YLS+09, YHHS93, ZK07, ZP07, ZSW08, ZGW+16, ZS02, vOMRI+15].

Point-Based [Ano07-38, BP08, Ano04-51, BSL+13, BCMM07, SP04, ZP04, Ano06-49, KB04, MKC08].

point-clouds [SSV07, SMK08].

Point-in-polygon [LWW07, MRF06, WLW05].

Point-in-polyhedron [Lin90].

Point-set [PLJ+13].

point-sets [WSL92].

Pointer [FSM94].

Pointing [FSM94].

Points [Cor82, AM91, BWdBP13, CVB16, Dra98, EH96, FR92b, LW10, MW14, PK91, SXSY14, WL03, WWF+18, Yin04].

Poisson [GYJZ15, KJS18, MBV18, SJZW07].

Poisson-disk [GYJZ15].

polar [CGR98, CDF14, Lam00, Su88, VRV05].

polar-plane-based [VRV05].

polarized [CPLB14].

policies [AK13].

Poli[en]ca [BJAN+95].

polycube [FCM+18, HWFQ09, SP16, WYZ+11].

Polygon [GP86, TP89, ŽIŽ03, AMGA12, BR07, CC08, GS01b, GK04, HLL+18, Kno87, KAÖ98, LŽ03, LL04, LL05, LW07, MCAH12, MRF06, Ran87b, SF98, Shi83, Sla93, WLV05].

Poly[ographical] [CGM98, CDF14, Lam00, Su88, VRV05].

polynomial [SA87].

polytopes [Sob89, VT06].

polytree [WLC88].

POMAR [MGH13].

pooling [FWX+18].

pop [LTS96].

pop-up [LTS96].

popularity [BD17].

populating [BM03].

population [DLR+10, LRD07, LQ15].

porous [GVTA10, Lin15, VAGT08, YLT+18].

Portable [Cul84, FBT04, Smi75].

Portrait [TL13, ZDL+19, ZWR+18].

PortraitNet [ZDL+19].

Portraits [Rag79, PTR+92].

Portugal [Gom90, LG89].

Portuguese [GMM18, DQF04].

pose [LMC13, TOY+14, VDKO19, ZMK18].

pose-independent [LCM13].

poses [RB08].

posing [DFWW15, MHLB16].

Position [BKBC14, FM17, WLJT19, BMdSRV18, STT+18, TN14, ZCC+16].

Position-based [BK2C14, WLJT19, STT+18, TN14].

positional [KYT+17].

positioning [DWH+15, PTY+16].

positions [MLM+17].

positive [VM15].

Possibilities [BB93b, AB03, BMB95].

possible [CL18, PP12, ZLL+15].

postgraduates [HBL+94].

postprocessing [CTLG94].

PostScript [Laf94].

Posture [SW+17, WSX12, ILLS01].

Posture-based [SW+17].

Posture-invariant [WSX12].

Potential [Lam87, CAL+04, PM93, SSB+08].

potential-based [CAL+04].

potentials [GD11].

pottery [VR16].

Power


prerequisite [CD+15]. preservation [APA+11]. preserve [BBM95]. preserved [HL97]. Preserving [BB91, BB93b, SAMA97, AB97, BS98, BX99, Bru14, C1ZL14, LYL+17, MX14, Mon87, PB96, SK06, VL98, WYZ+11, WLL+12, ZQL15, ZZ18, ZFS03]. Press [CS16].


prints [HKBA17, KEVD18]. prior [HHCM17]. prioritization [SK+12]. priors [CLE13]. prism [WFC14]. Prize [Ano93d, Ano94]. proactive [VSKG03].

Probabilistic [KYL15, ATHL14, Kru99b]. probability [FN10, TMB+05]. probability-based [TMB+05]. probe [MCV18]. Problem [DW82, ANE17, Bec95, ByOwKM12, How75, PK91, SS93, SS75a].

Problèmes [Dom77]. Problems [Sr03, BPS06, Dse00, Kor87, LW99, M138, MN90, Rag80, Sal85]. Procedural [BPD15, BTC94, CP96, DG07, E+00, EHSF17, HR04, HJT+13, LVLD10, PP02, TAF16, Ano13, CSP19, JIP18, KK12, Per02, RLD+12, STdKB11, XM12, YMYH12]. proceduralization [DA18]. procedurally [BBP13, FPCI10]. procedure [FK82, Med86, MZ89, Mon87]. procedures [SS75b].

process [RITC93, AC90, BBH90, GA83b, LW88, Se189, Thi85, UWC90, VCHR07, Wh104, WWK11]. Processes [JK84, BT94, GZ99, IR06, ICM90, JMV90, Lak91, LCA19, MMV88, Mor75, WJD+09].

Processing [Ano02-36, Ano02-37, Ent77, GM78, Haz79a, HF85, Pos77a, Row82, Sch86a, Sch85b, WBB+08, Ano03-54, Ano04-30, Ano06-48, BS99, BLS15, Bre01, CH91, CLT07, CRT04, DA18, FS86b, FM94, FD75, Gail88, Gia15, GS83, GBKG04, HHG97, KHS03, KS15, Les01, MD85, Pic88b, RR92, Ran87, She12, Sk96, Smi93, XZX009, YPSZ01, Yu99, Ano94r, Ano94q]. Processor [BY88, CYKK90, EW75, GPR+95, LK100, LZ88, Lin79, TP89, TPB08, WBL+97].


products [FBR+17, KKS93]. Professor [Enc15b, EJ15]. Profile [Big86]. profiled [MA94]. Program [Ano01, Ano01-44, Ano01-45, Ano02s, Ano04-37, Ano04-32, Ano05z, Pie90, SB84, Ano01u, Ano02-44, Ano02-45, Ano03-33, Ano04-36, Ano06-32,
programmable [LK18, TM3+05].
Programme [San06, BL82]. programmed [Fra86]. Programmer [BK91].
programmers [Spr75]. Programming [Haz77, Web84, Web85, ZPL88, BDP82, HR04, Lam99, Lew75a, Ner75, PP90, Pur87a, TM75, ZM91, ZGdDL+96].
Programs [PMK85, WP77, And82, GBG04, GD00, JSG04, SVV92]. progression [BDP+17]. Progressive [DGBNV18, GM07, MCAH12, OK03, PR11, SPS12b, ACO96, BKV05, BJ97, BLZD12, Hop98, rKC93, LZ11, LFL02, MGH13, RBL95, SBSL04, VGP04, WBP92, WFG03, ZP92].
progressive-iteration [LZ11]. Project [Sm17, BM03, BSGT03, BGK89, Dur91, VPLL06]. projected [ENE11, Muk86].
Projecting [SXY14]. Projection [Sug84, ABMC+15, And82, Baw97, CTQ+14, ET07, HT96, HHLE17, LYS+16, LTBM15, MKG00, PW+18, RBL95, SVRvL07, TMSBP09, YZ17]. Projections [Pre84a, CV+16, FR92a, JCFN18, MCMT14, Roc89]. projective [Yu99]. projects [KS96]. promising [GL83].
PROMS [Ano01c]. Prone [Ber79]. proof [Mar02a, QKS01]. Propagated [LCW+18]. propagation [CSHZ04, Cho06, FJS11, KD00, LFL02, MX12, MX14, RGGB02, WAM17, WSWL14, Y14, ERDS14].
propeller [BL82]. propellers [RJKV12]. propensity [FQ10]. Properly [LLL+15]. properties [ASWL11, BPS+10, Coo00a]. property [WKW16]. propos [Le 77].
proposal [DM01, LRMS92, ORP92, Paq05]. proposed [BK91]. props [GHFH08].
prospects [HK15]. prostate [CC04, ZBM00]. protein [FEJM75, GD11].
protocols [Ano01c]. prototiles [Fat01, Fat02]. prototype [LLM+90].
prototypes [Nar15]. Prototyping [PRRR13, CS16, KAFB18]. provide [HGH+18]. Providing [Gra02, Cun00].
proximal [MAG+12]. proximity [KZ04]. prune [CS06]. pruning [GCRR11, ML12].
Pseudo [Car96, DCL07, Mac78, Bow95a, SXG+09, Wir80]. Pseudo- [Car96].
Pseudo-Machine [Mac78].
pseudo-manifolds [SXG+09].
pseudo-random [Bow95a, Wir80].
pseudocolor [Pic88b]. pseudorandom [Ric89, Szy92]. Pub [Ano04x]. Public [CTJ+14, SFD06, VSKG03]. Publication [Ano03v, Ano03w, Ano03u, Ano04z, Ano04y, Ano05u, Ano05v, Ano06t, Ano06u, Ano06v, Ano06w, Ano06x, Ano07q, Ano07r, Ano07s, Ano07t, Ano07u, Ano07v, Ano08c, Ano08d, Ano08e, Ano08f, Ano08g, Ano08h, Ano09d, Ano09e, Ano09f, Ano09g, Ano09h, Ano09i, Ano10b, Ano10c, Ano10d, Ano10e, Ano10f, Ano10g, Ano11e, Ano11f, Ano11g, Ano11h, Ano11i, Ano11j, Ano12d, Ano12e, Ano12f, Ano12g, Ano12h, Ano12i, Ano12j, Ano13d, Ano13e, Ano13f, Ano13g, Ano13h, Ano13i, Ano14a, Ano14b, Ano14c, Ano14d, Ano14e, Ano15b, Ano15c, Ano15d, Ano15e, Ano15f, Ano15g, Ano15h, Ano15i, Ano15j, Ano16a, Ano16b, Ano16c, Ano16d, Ano16e, Ano16f, Ano16g, Ano16h, Ano17h, FEJ04].
pushes [HGH+18]. Pushing [MWGD13]. puzzle [Edg00]. puzzles [OGLSSLM+07].
PVG [Ano01p, Ano01-41, Ano03-47, Ano03-48].
pyramid [Nug91]. pyramidal [KNMP14].
pyramids [LSGFR+13]. Pythagorean [Bro07a].
Q [Haz79a]. Q-Splines [Haz79a]. QCD [TBLH17]. QCDVis [TBLH17]. quad [AKW+16, BMW12, Gin02, HXA+12, HW89, LCZ+11, LWLT11, SA86].


range [ALA85, ANO13j, H+00a, Han95, HOCN07, Mon13, PLJL15, PCGS15, PR11, SL12b, TSD87, vLvKV11, CAS+15]. rank [LZL+15, ZCL+13]. ranking [LKLW16, TCL+15a]. Raphael [KH86]. Raphson [Wal93b]. Rapid [Do95, Goc95, LD03]. Rapidly [Dol95, Goc95, RFZ+17, SL+16, dBWK18, AS95, CGH97b, CHSD95, YHX10]. Rapidly [KP18]. Raster [JV84, Jer85, Neg77, Rix84, Sli83, VJ84, ADR01, Bari91, CEM89, GL83, LS83, Lin79, MCT11, Par88, Rix83, SDR89, WBL+97, WM89]. raster-based [MCTB11]. rasterization [Ack96, KKK0, Kla91, LK00, MB97a, Witi98]. rasterized [DGLRD18]. rate [DH95b, KK16]. rates [LB75]. Rational [ALA85, DDPT98, FK82, GS94, LL91, MR90a, PS15a, Sar92b, Sar92a, Sar93, Sar94b, SAMA97, Sar00, SBH01, Sar02, Sar03, Sas04, ZDT07, ZZ15, ZFS03, ZFSY04].

rationalisation [Le 77]. ratios [MRC15]. raw [CHL+11, LYL+17]. Ray [Cyc93, Ger86, IO91, MS90, SW91, SKH+12, SSA96, Van85, dVT18, AA07, BS93, BCG+94, BHH15, BSB+02, CF99, CSSC00, DGBN18, HP03, Hod91, HMHB08, JC95, KPFT03, KRC93, K+00a, Koh97, MHCL15, Mar01, PM91, QGGW97, Sam89, SEDT+03, SLS03, SGCC05, SDD95, SSB+08, Ste75, SKM98, SKP99, UPTd92, VHS12, WIP08, WBK98, WF11, WGS99, WKW16, ZM91]. ray-based [MHCL15]. ray-bundle [SKP99]. ray-casting [AA07, RKC93]. ray-convex [ZM91]. ray-reps [WKB16]. raycasting [DEST95, GBKG04]. RayFilling [BCG+94]. Rayleigh [Rei92]. rays
AF89, RAA+08, SKP99. RBF [TWBP03]. RBF-based [TWBP03]. RBW [Shi93d].
Re [Cun00, LKLW16, PSBD19].
Real [AOB17, BLZD12, BFSE03, BP10, CF13, DVND10, DG17, FZPM93, FCW+10, GSV+18, GG14, KLW12, LCCS04, LSHL18, MPQG18, Mor75, MA17, NAS18, PdSMdML+12, PSBM10, RHC15, SCG18, TSY11, WF11, XMD+12, ZDL+19, ZGWP16, ACV03, AJ94, ADOR02, BGD18, Bay95, BSF13, BH91, CTN+17, CB97, CVH03, DVG+18, EW75, EHM84, ERDS14, Eng93, FP75, GP08, GW06, GYD75, GCR11, GPR+95, HBOS13, HGH+18, KL07, KKO01, LRD07, Lin79, LD12, LM16, Lop92, MDJ+95, Mar10, MMK04, MYC15, MSRB17, NLSN11, RJG06, SLS03, SV06, SWvB95, SP96, TSD87, TG02, WLP+14, WJGG15, WCA+11, WLJT19, WL04, XLQP12, ZGS17, ZLLG18, ZXT18, ZW88, ZMM+90, dHG+97].
Real-Time [FZPM93, AOB17, BLZD12, BFSE03, BP10, CF13, DVND10, DG17, FCW+10, GSV+18, GG14, KLW12, LCCS04, LSHL18, MPQG18, MA17, NAS18, PdSMdML+12, PSBM10, RHC15, SCG18, TSY11, WF11, XMD+12, ZDL+19, ZGWP16, AJ94, CF11, CTN+17, CB97, CVH03, DVG+18, EW75, EHM84, ERDS14, FP75, GP08, GW06, GYD75, GCR11, GPR+95, HBOS13, HGH+18, KL07, KKO01, LRD07, LD12, MDJ+95, Mar10, MMK04, MSRB17, RJG06, SLS03, SWvB95, WLP+14, WJGG15, WCA+11, WLJT19, WL04, XLQP12, ZGS17, ZXT18, ZW88, ZMM+90, dHG+97].

Realistic [AL78, CG85, CP13, HSE10, LLLC11, Mar10, MRC15, Pla00, RJG06, YMYI11, YP05, ZPL88, BLZD12, BGD18, CDPS06, Maj98, PF97]. réalité [Nan77].
Reality [Ano95x, Ano95y, Ano95w, Ano01-59, Ano01d, Ano06c, Ano06-29, Ano06-30, Ano06-31, Ano07-30, Ano11m, ABK11, CL92, Gab93b, LS06, PS15b, vDLS02, AG13, Ano01f, Ano01-42, Ano02-53, Ano03-36, Ano04a, Ano04p, Ano04-39, Ano06-33, Ano12l, AP99, A+99, BND+17, BCS+99, BES01, Bro00, Bry93, CEG18, DBS+18, Dor99, ET18, FBT04, FEB07, GWEA+11, GPC+17, Gob93a, GS93, GZ99, GLL00, HZ15, HEW+18, HFT+99, H+01, HGH+18, Jae93, JP10, KS03a, KKC94, KSR99, KTMW12, Koh96a, KCM00, LDM+11, LBD97, MCV18, MCM+18, MML+11, PCEy+06, PvdSLJ99, PAE09, PTY+16, QLF+09, Que93, Sei99, SK12, SUF+18, TSY11, TOY+14, WL15, WKS03, WDHO9, WTA11, Ano95u, Ano11a, KB12, TPK13].
Realization [Ano12b, MSAR01]. Realizing [BN07, MT88]. Realtime [VFSL06, CDPS06, CP13, YWH+16]. reasoning [AC90, FV06, GTG06, LS90, LL06, SA04, SAK90, TA90].
Rebuttal [CM15b]. recipe [Gon98, Loy91]. recipes [Dol95].
Reciprocal [KTMW12]. reckoning [SFC01]. Recognition [Ano04b, Ano05c, BG80, CDF14, BWZ+18, BPGW11, CPC+18, CSLY01, CZ06, FGP+10, FK11, GMd+13, GZW12, HZ15, HJL+12, Kas87, KY97, LH00, MAH00, SD08, TVL16, YS15, YS17, ZLLG18, ZMK18, tHV10]. recognition-based [MAH00]. recognizer [EK15, LKS07]. recommending [GBG04].
reconfigurable [SEDT+03]. reconstructed [FDGM18]. Reconstructing [DKY97, KC07, KH86, LNSW16, RKMP13, VH15]. Reconstruction [CGMS00, GZZS06, KD11, Tsu17, VP77, YY96, ZS94, AM91, ACA07, ACA16].
reconstructions \[\text{[ABG} + 18\].\]

Recovering \[\text{[PPG} + 18, \text{ASM12, GR09]}\]. recovery \[\text{[AG13, PHLW15, WHZ} + 18\].\]

rectangles \[\text{[MS07, SDS89, vLvKV11\].}\]

rectangular \[\text{[DS93, RJS01]}\]. rectification \[\text{[DWL} + 03\].\]

recurrent \[\text{[LBD17, Mar02a, SH03]}\]. Recursive \[\text{[JSG04, Ran91, TJ85, Cha90, GIZ95, NG05, OdlCA02\].}\]

reduce \[\text{[HHLE17, RHS} + 94\].\]

Reducing \[\text{[JX96, Lew75a, Ban97a, Cla90\].}\]

reduction \[\text{[BSJC02, DH95a, LS08, MLM03, MKC08, MPP98, Mar10, MHZ94, MMK04, MCKS06, NIH08, NAS18, NT00, NLSN11, Oik98, PdSmDl} + 12\].}

Robot [FS78, Per84, Car92, LQOW08, TL13].

Robotic [Dai93, GA07]. robotics [An094u, An094v]. robots [SB915b].

Robust [Dor99, ISPS17, LDM+11, LSK+10, LD01, PdFS06, Sugi83, WMDR08, YPSZ01, ZSL12, ACG15, BWZ+18, BK02, BMT96, LGRP14, Somo03, WWK11, ZS02].

rodent [ABG13].

ROI-based [LWD+18]. Role [Web85, CSM+01, FR92b]. roll [Yue86].

room [MMV+14]. root [CM15a, JALS03].

roots [Gil94]. rotated [MSF95]. rotating [SB94]. rotating-screen [SB94]. Rotation [EK93, Baw97, MG09]. rotational [K+00a, MA94]. rotations [HL93].

rotscope [LP92]. rough [PPM18].

roughness [WTM12]. roughness-based [WTM12]. round [Bor91, EHSF17].

round-off [Bor91]. routes [CSV+18].


Rule-based [Fe88, LUB+13, JAS97].

ruled [Aum89, GD87, PR82b]. ruler [LHS87]. rules [BDK96, LPMM07, Wei99].


rush [Jac93]. Russia [An095].

Rutherford [HRGD88]. RWM [YL96].

RWM-cut [YL96].

S [Cyc93, Mil92a, An099d, An099e, An099f, An099g, An000a]. S3D [MY16]. safety [RCB15]. SAH [WG17]. saliency [BAC14, DSNW13, GBA15, LLS+16, MFP11, PP16, PWV+18, SKH+12, TCL+15a, TKD16].

saliency-based [TKD16]. SAM [MK85].

same [ACO12]. Sample [KC93, FB14, FB15a]. sample-based [FB14, FB15a]. sampled [CCS08, DW13, GM04, GS11, OMW13, SHD+17, WW06].

samples [FK11, KJS18]. WLG04.

Sampling [DG96b, SG92, TMN+90, BA09, GYZJ15, Pur87b, SNS06a, TNU+01, WPH+14, XHL12, ZZQ11, ZGZ+16].

San [BL11, KGM75]. sandy [KB10].


SBIM [An12a, vdPS08]. scaffold [LUB+13]. Scaffolded [QLF+09]. Scalable [BS08, Gir93, G89].


scan-converting [Kau88]. Scanline [BB93a]. scanned [RBB17, Tsu17].

scanners [WBB+08]. Scanning [Bri03].

Scanning-curves [Bri03]. scans [BDWP13, GR09]. SCAPE [ZZCL14].

SCAPE-based [ZZCL14]. scapulo [MT100].

scapulo-thoracic [MT100]. scattered [AM91, KHS03, RNM95, SSK87, WWF+18, XZ00]. scatterplots [MM18]. SCCE [SD16, VB17]. SCCG'2015 [DS15].

scenario [CKK96, RHFL14]. scenarios [JP10, SEMW05]. scene
Scenes [GM86, MTT84, NH83, Sug83, ACV03, AEA13, CCL+03, CCI12, CHSD95, GH98, LD12, MPA+10, NFLYCO99, PbSmdML+12, RCBS10, SSB04, SD15, WIP08, WPH+14, ZLM+15, ZGS17, ZML+18]. scheduling [SF06]. schematic [Men85, SSM87].

Scheme [PMPR+16, CP98, CWC+14, CCC+16, GT91, GBKG04, KDI11, KONS17, Liv18, MPL02, MCT08, MS90, NG05, RP18, SEDT+03]. schemes [BF15, BD98, LH14, SK04].

School [Ano01-66, Ano03a, DZZ79, KH86, Ano91c].

Schröder [Dra98].

Science [GA88, Lau77, CLF+06, JMC+04, Kal04, Owe94, She12, Smi77].

Scientific [Ano94e, Ano95-31, CM93, Dom93, LLR93, WCdA98, vDLS02, Beb75, Bry93, Gin93, Wri75]. scientificalness [ZXH+12].

scintillation [SVVS+17]. scope [dos01].

Scores [BSW78, GC86]. Scouts [SS99b].

screen [AEA13, DK97, JHPhR11, KFW16, MB97a, SB94, TMSBP09]. screen-space [KFW16]. screens [PWJ+18]. screenspace [KJS17]. Script [IC96]. Script-based [IC96].

Scripta [CUD06]. Sculpting [SCC11, SCCS13, Kru09a, SM98]. sculpture [SCVCN16]. sculptured [NS87].

Scultures [Ano12b, AXG+13]. SDS [PM10]. sea [CS03]. Seamless [RGE07, WL15, HLO16, KWK17]. search [ENE11, RM91, TKB07, WW08]. Searching [KSF15, Rei75, BWZ+18, Las91, DGMW16].

Seashells [Cor93, Ste09]. Seaweed [CG93].

Secant [Wu94b]. secants [Jon91, Szy00a].

Second [Mil92b, RB06, Ano94c, HG02, Hod91, LM16, Bou09]. second-order [HG02, LM16]. secondary [VCQ92]. Secret [TL02].

SECT [BC88]. Section [ATB98, AF16b, AEJZ18, Ano11m, Aok16, ABK11, BX99, BK19, BGT16, BS++02, CMS11, CM18, CR99, DS15, EK18, FH11a, FH11b, FR98, GM02, GPTB02, GPS18, GW17, GHK18, GZ99, GB18, GMM18, Gra02, GAÖ2, IA99, JZ17, JD99, JK10, JT02, Joh18, KB02, Kry14, LPD+18, LV02, LC18, MW99, MRR98, MD99a, MFP98, Mar02a, MB10, MF02, Mou15, MTB18, NTB18, OP19, OK99, Oik98, PS02, PTW98, PK17, PB11, RL+B+02, RGJdQ18, SF98, SM98, Sez16, SNB17, Sif99, SD16, SUF+18, TT19, TL02, TSC16, TP17, VHO2, VL98, V1B7, WEWL99, WKBK98, Yu99, ZC99, ZLS99, dMF99, Ano83a, Ano86b, Ano86i, Ano96b, Ano96c, Ano96d, Ano96e, Ano97a, Ano97b, Ano97c, Ano97d, Ano120, Ano12m, Ano12n, Ano12s, Ano13n, Ano13l].

section [Ano13m, BCMM07, BP08, CMS12, CI11, CH15, E185a, Enc85b, Enc86a, Enc86b, GG96, JZZ16, Lin10, MS16, Mar02b, MB14, NN15, PDK16, Rei95, SR02, SC12, SK12, SSS15, VHE10, ZT16, ZM92].

ditional [Woo87]. Sections [VP77, ATB98, HGJ16, KD11, Roe89, SA17, Xu08].

security [Gra02]. sedimentation [CBS+14]. see [KKO01, KSH17].

see-through [KKO01, KSH17]. seed [FS98, Oik98, YHX10]. seed-filling [YHX10]. seeding [BH15]. seemingly [Elb11]. segment [MHCL15, SF98, TT82, XhK16].

segment-polygon [SF98]. Segmentation [ACC+18, JA84c, ATHL14, APB07, BGLA18, Bus97, CFZL16, DEST95, GF09, HKHP11, HS14, KGG+07, LBD17, LWS15, LTDZ13, LZL+15, MRSS+18, MFL11, RBG+09, RMG15, WS12, WY11b, WGS+18c, WGS+18a, WGS+18b, WLQC18, WWS+13, WSWL14, WCLZ14, XLXG11, ZLG+15, ZDL+19, ZZJ+14, dCDLL14].

segmented [GTG06, RGdL+18].

segmenting [HS11]. Segments [Pie84, DFRD06, LYS+16, WHH06].

seismic [Arb92, PSH+09]. Selected
Selection [De84, Row82, AL10, AA13, HCC13, MMS+17, Oli08, RO13, SW11, VFSL06].

selections [JPCS18]. Selective
[WFGo3, DTG15, LPR+14, SMSS13].

Selectively [WFG03, DTG15, LPR+14, SMSS13].

Self [DBS+18, GMNS93, HMHB08, LM89, PM13, AM12, BB98, HK04, HHK+13, Lan97, LKC98, LYS+16, PMTK01, PBN97, RHC15, SK03, SCC11, WTWT18]. self- [PBN97], self-adaptive [SCC11]. self-affine [Lan97].

Self-attribute [DBS+18].

self-attribution [DBS+18].

self-collision [LKC98, WTWT18]. self-folding

[HHK+13]. self-occlusion [AM12].

Self-organized [PM13]. self-organizing

[HK04, SK03]. self-overlapping [LYS+16].

Self-reference [GMNS93]. self-replicating

[RHC15]. Self-similar [LM89].

Self-similarity [HMHB08]. self-visualizing

[BB08].

Semantic

[CLH12, FH11a, FH11b, LXP06, RGE07, ZJLW+14, BGLA18, DBS+11, LBLV16, LPD13, MK83, MPS06, ZC07, GD11].

semantic-based [DBS+11].

semantically [HHKF10].

Semantics

[CMFS11, GRIG12, MS09b, CUD06, Fiu87, Mar80, Mar82, YMYH12].

Semantics-driven [MS09b]. s´emantiques

[Dom77].

Semi

[LD09, CUD06, GWPO0, KPA12].

semi-automatic [GWPO0].

semi-immersive [GWPO0]. semi-regular

[KPA12].

Semi-sharp

[LD09].

Semiautomatic [AR84]. sense

[BMDsSR18, LUMC04].

sensing

[CSFG96, Gia15, JYLW14, THL15, TKB07].

sensitive

[CMD09, FT02, MMGB17, WLZL18].

Sensitivity

[Fra94]. sensor

[Bim15, BS09].

sensors

[ISPS17, MMSS03, Nar15, SHBSS17].

Sensory

[AM10, HKCL02]. separated

[PAE09].

Separation

[Fri03, PMBS14, SS75a, DW89].

September

[BF02b, Wir80].

Sequence

[BWZ+18, CZ98, CLH12, CXT18].

sequences

[AMHWV16, CH96, GHCH03, Jef92, KG04, K+0a0, LM89, Ric89].

sequency

[Egb80].

sequential

[KM14, ME92, PM84b, TSK98].

serendipity [Wal93a].

Serial

[VP77].

series

[Ano06-33, Cha97, DSR11, Lan97, SHD+17, TKB07].

Serious [LC18, DPS10]. server

[JHL+12, RBP96, ZR97]. server-client

[JHL+12].

set

[Ano95q, Ano95r, Ano95s, Hoo91, CCGS08, Car99a, DM00, Eng93, Ent89a, EB10, FR92b, FPR92, FC00b, GBP04, HJW+08, HMHB08, Jon90, KYL15, Les01, LTS88, MPM15, MKPM17, NLS16, ODSZ11, OdICAO2, PLJ+13, PR AM04, Phi92, PFR94, Rad96, Roj91, RPAM04, RPM06, RAA+08, STN95, SLG97, VM15, WTL+11, YRS+18, Žal01, ZXD+14].

Set-theoretic

[Ano95q, Ano95r, Ano95s]. Sets

[ARL78, She93, AOB17, ACA07, ADR01, CHL+11, Cas96, CZC02, CCCC0, CRT04, Coo01b, Des00, DSB96, DMT03, Gin02, HJDR95, HPD+10, ITW18, KD11, Lak91, MR92, Mil93, Nor89, OMW13, OdICAO2, PS13a, PCGS15, RA03, SKKN10, SK03, VT06, VP06, WSL92, YWR03, YIL09, ŽIŽ03].

Setting

[SGBI02, LQ15].

Seventh

[Ano02-50].

Several

[CG93].

SGML

[CG87]. Shaded

[Kie86].

Shader

[CYKK09, FW13, SMSS13].

Shader-based

[CYKK09, FW13].

shaders

[Bai07].

Shading

[BP93, BK89b, PA91, BERW97, BK15, Cia90, DH95b, HT96, HO94, KTMW12, LP92, OM96, PH90, RR15, SDD95, SMSS13, Zha96].

Shadow

[WXZ+18, GSSK+13, JV91, MA18].

shadowing

[PA91].

Shadows

[HN85, BC13, DLZY14, XLGS16].

shaft

[LWW08].

shallow

[CD15, DVG+18, GM02].
Shape [Ano01-54, Ano03-52, BPS+10, BMS+11, CYJ+13, CK02b, CSLY01, FV06, FSP15, GTG06, GHK18, GS11, HT96, Les02, LL91, IWLTL11, LLS+16, MNS+19, NC12, SHBSS17, TKZ+13, VL98, WKC16, ZLG+15, ACG15, ACO01, Ano05-40, BLL15, BKR+16, BWD13, BHL+15, BDK17, CLH+16, CW03, CCM+18, CBNJ+15, CZCG04, Com01, E+00, FCM+18, GBF14, GR93, HSR+09, HK15, HO94, HHHK10, IY18, KLe66, KLL+15, KD15, LGWM17, Les01, LL05, LL06, LS07, LLLC11, LYW+13, LQ15, LKLW16, LW99, LS06, LXS+15, LB19, LBTM15, MSMK19, MFP11, Mon87, Par93, RB06, RKMP13, RBG+09, RR15, RHC15, RCG+05, Sah15, SFVP13, Sar94a, SAMA97, SS82, SBS13, TKD16, VPB02, VR16, WJ91, WGS+18c, WGS+18a, WGS+18b, WSWL14, WSX12, XCCZ14, YF09, YYG16, ZLL+15, ZQL15, vRESH16, Ano13k, Ano15k, ALP17, SH12].

shape-preserving [ZQL15], shaped [Fat01, Fat02, SBH01].

shapes [ABJ90, ABM+06, BPGW11, BDK17, CDW11, DRFRD06, LBB11, LBB12, LGFRC+13, MS01, MS09b, OKT01, PMSZ97, PS12, PS13b, PCV16, RBF17, RBB+11, SBWS11, SJC19, SSBT01, TSK98, WWS+13, WZZ+18, dGGDV11, vdBB07].

shaping [Ano04-55, FCW+10, MNSJ99].

Share [Pot78], shareable [How88], Shared [AHK03, GP86, Gre96, BM03, Bro00, BOH97, CSM+01, KKKZ04, RARF18, SvLB010].

shared-scene-graph [SvLB010], sharing [JY98, Mey79, OST+16, TL02].

sharp [LD09, LSK+10, SJ09].

Sharpeness [RMP19, CC08].

Shear [GCG00].

Shear-Warp [GCG00], sheared [PWK95].

sheet [CGGW16], shell [LYC+15, LLW+19].

shells [vEB98].

shift [H+00b].

shifted [RLS+12].

shifting [STT+18].

shifts [PQ10].

ship [Cor84, MR92, RJKV12].

ShipShape [FASS16].

Shock [PB96].

shooting [BSB+02, HP03, LZ14, SKM98].

ShortStraw [XL10].

ShortStraw-based [XL10].

shoulder [MT00], Showcase [BFSE03].

Shroud [Pic88b].

shu [YP05].

SIAM [Ano03-49], SIBGRAPI [AF16b, Ano01-27, Ano01-55, Ano01-56, Ano02q, MS16, NN15, Oli08, RGGQ18, TP17].

side [EBC+15, McW91a, RTB+18].

side-view [EBC+15, RTB+18].

sided [KP15, PGVACN06, SV18].

Siegel [Mil93].

Sierpinski [Ma98].

Sifting [PE16].

SIG [Ano04-58, Ano01d].

SIG-CHI [Ano01d].

SIGGRAD [PDK16].

SIGGRAPH [Ano01d, Ano05y, Ano06c, Ano05-38, Cou92b, Ano02-51, Ano02-52, Ano03f, Ano03-50, Ano04-52, Ano04-53, Ano05-39, Ano06-46, Aok16, Cou92a].

sight [REG+89].

SIGMA [DZZ79].

SIGMA-ARCHI [DZZ79].

signals [RC94].

Signed [SA17, RMD11, TF18, YLY13].

Silhouette [AVM05].

silhouettes [KB05, ODZS11].

Silicon [Nic84].

SIMD [Fle91, Kla91, NBE+04].

similar [LM89].

similarities [MFOK94].

Similarity [MS01, HMBH08, MG09, RCG+05].

Simple [DGR93, ADOR02, BR07, BM95, CPC+18, CST05, CO88, CV97, GM04, Joe92, KAFB18, Lak98, LW99, LK98, LRS+03, PMM18, PCEGS15, SM92, Sh93a, SG15, Szy90b, dGGV08].

simple-deformable [ADOR02].

simplex [CLWQ09, SA87].

simplicial [CDW11, FR98, GdMF03, MLP19, NA013, RdaMF08, WWL16].

simplicity [FTU95].

Simplification [DZ91, AL98, BS98, BA09, CA15, CSHC08, CMS98, DCV98, IFD15, KKL02, KM14, MNS+19, SGZ10, TSD+07, VL98].

Simplified [YWH+16], simplifying [IB06].

simulate [Car93, PV06], Simulated [Mit77, CCY+03].

Simulating [dLBRM+12, KB10, LL00, MK85, SU93, TH09, TB18, COM+94, IWT13].

Simulation [Ano95-29, Ano95-30, BN06, BDM+16].
CG93, CKK96, FZPM93, GSMA06, JA84a, KS86, Per84, RGGB02, VR06, WFS+82, WP77, AK06, ACSW75, Ano05m, BD13, BWD13, BKCW14, BKM16, BH91, CC04, CS03, CGM91, CWC13, CCM+11, CD15, CSHZ04, CL18, Coo07, CBS+14, DVG+18, DSM+99, DG17, Dii90, FRC06, FM17, GM05, GRPR08, GW06, G+01, HS8+10, IA99, JK90, JX+10, Kam93, KS98, KL07, KPI+05, KÇM00, LBLD97, Lar03, LD05, LTS96, LCDN06, LCWZ14, hLftXdZ09, LSWL13, LGLK16, LCA19, LRHS14, McW87, MMS15, OAYG10, PXH+03, PSK+11, PPCW15, PPVT03, RSN+07, RB08, RP18, STH+18, SAKB75, SZW+14, Sou92, TNP14, TPB08, UOT83, VPLL06, WXZ+18, WZLQ19, WMRA09, WZ15, XQ97, XMD+15, YS96, ZY01, An094m, An094o.

**Simulations**

[GrLa93, DG02, EGT14, GLP+08, KN10, KSB09, LVO2, MQW09, MFL11, RFZ+17, XLY10, YS15, ZJLW+14, ZHP+19].

**Skeletons**

[BMU+16]. Sketch [APS09, An012s, BAS+15, BRPC18, GA12, MAO+12, OSA09, OK12, SD08, YS17, ZPL+15, ALD12, BES00, EBC+15, FGP+10, HR07, KSM07, KS09, LV02, MQW09, MFL11, RFZ+17, XLY10, YS15, ZJLW+14, ZHP+19].

**Sketch-Based**

[Ano12s, APS09, BAS+15, BRPC18, OSA09, OK12, ZPL+15, ALD12, BES00, HR07, KSM07, LV02, MQW09, MFL11, XLY10, ZJLW+14, ZHP+19].

**Sketch2Jewelry** [ZJLW+14]. sketched [BPGW11, EUBA10, WY03]. sketches [EK15, PPM18, PCV16, RTB+18, RSMC11, TEC+14]. Sketching [BRPC18, MS09a, TPC00, ZNA08, CCCC04, IWM+09, MAO+12, VD98]. skew [Aum89].

**SkewT** [DG17]. **SkewT/LogP** [DG17].

**Skills**

[SWH+17]. skills [FvdPT01, JM+04, MY16].

**Single**

[CTN+17, OT88, SLL09].

**Simultaneous**

[KHS+10]. Singapore [An03a]. Singe [ZLM+15]. Single [Ack96, ACA16, DLZY14, GLZ16, HSE10, KS09, LK00, LSE18, LWD+18, OK03, PCV16, YZ17, ZP07, ZXT18, ZPL+15, ZW88, dCDL14].

**Single-image**

[ZXT18]. single-pass [ZP07].

**Single-picture** [ACA16].

**Single-view**

[KS09, PCV16]. singular [DW13]. singularities [Gom14]. sinus [MT00, YSW+96]. sinusoidal [Pic88b]. sinusoids [Ram89].

**SIR** [MPP98]. site [Dom77, DSR11].

**Situations**

[RH03, SFD06]. Situation [KDO3].

**Situation-aware**

[SIO99]. situation-awareness [BSGT03].

**Six** [Bar77]. Sixth [An01-57]. size [MX14, FOB09]. sized [DR15]. sizes [OP15].

**Sizing** [BSPR77].

**Skeleton**

[LL11, ML12, BK+16, GXW+18, PSBD19, SKL+13, WCLZ14]. skeletonization [IKB00]. **SkeletonLab** [BMU+16].

**Smartphones**

[BB15].

**Smooth**

[AK91, AL98, GSSK+13, KP15, SS09, ASC17, DH95b, HJ16, LMW06, PP09, SXG+09]. smoothing [GG14, KB06, LGRP14, MGJ+11]. sn

SoDA [VPLL06]. soft [DLZY14, KG04, ML01, PSBM10]. soft-body [KG04]. Software [Ano86, Ano91b, BG79, CL96, Fra83, HK04, KW96, KS03, KD86, MK85, OL96, RG93, RK84, Str85b, Ano86b, CH96, Enc85a, Enc85b, Enc86a, Enc86b, FWW13, Gna84, IYH97, JM88, Koh96a, KS15, LM+90, McW88b, Pfa83, Pfa84, Pra99, Sco84, SET+88b, SvD03, SUF+18, VT07, You89]. soil [VPLL06]. Solid [All84, Ano95q, Ano95r, Ano95s, Ano02-50, Ano03-53, Ano03-51, Ano07a, Ano07b, CSZ92, DB83, Her83b, Her85, KR92, Pre84a, SLYY97, Wit84, Ano04-54, BG88, CYCL09, CL18, Con91, DM99, DKY97, Ela86, FT02, GWP00, GdMF03, GO00, GN89, JGDS88, KKNT88, LX08, MT88, MG98, MHCL15, PP02, Ros90, SET+88b, YT83, YK18, van89a, Ano01-57]. Solid-interpolating [KR92]. solid-space [PP02]. solids [CC97, Dav95, FM17, HH91, Kls68, NS87, Nav89, Wei84b, Wos90, XZC+16, dMF99].
sols [CF77]. Solution [DW82, Ho75, Ada97, CPLB14, FCR06, HH91, LB75, PK91, Rag80, SKCP99, dVT18]. Solutions [SMG77, CBU+15, HK04, LW99, PM93]. solvent [GD11]. solver [ANE17, GRPR08, JAS97, WAM17].

Solving [EA19, SMSS13, How75, JKK02, JLS03, SJZW07, SS93, YHHS93]. SOM [BF02a]. Some [All77, ABCD93, EK85, Fra94, FA94, MTT82, McW91b, Mei83, Pos7b, Qui91, Sar02, WF+82, DDM+06, DTZ09, Hoo91, JKK02, BPS06]. sonar [CTN+15]. SORS [PsSMdML+12]. sort [Las91]. sorting [dGWM16]. soup [HLL+18]. soups [SHK18]. Source [Ano06k, Ano07l, Ano07m, Mac77, Ano05q, Ano06j, Ano06l, LMHRG10, Ano05a].

Sources [BP93, FB12, PA91]. southern [AMC03]. SP [MCT05]. SP-Octrees [MCT05]. Space [And98, Bec94, Har83, HF85, IY18, PS08, Wen84, Zha98b, AB97, Bag93, BND+17, BJOWK12, dLBRM+12, BPS03, BEF94, CWC+14, CK02b, CCW01, Day92, HBG14, KFW16, KAÖ98, LCL15, LOS05, Med86, PSM14, PP02, RGM15, TCL+15a, TPK13, TCP00, WIT98, YS97, ZMK18].


Sparsity-based [KPA12]. Spatial [Ano93e, KS91, dGWM16, RNM95, AF00, BM08, Can94, CCL+03, CWG01, CDF14, DDQM98, DLR+10, DLM+18, FWX+18, FJS11, HHL99, KPSN04, KCK17, KSH17, LLH17, LW99, LSGFRC+13, MGSC+10, Mok88, ROP11, SA04, Sp04, SSS15]. Spatially [UKL+13, WPH+14]. Spatio [RDD+18, HP91]. Spatio-temporal [RDD+18, HP91]. spatiotemporal [MLM+17, TPRC18]. Speaking [SB77].

Special [AS16, AF16b, AEJZ18, Ano96a, Ano04-56, Ano11m, Ano12s, Ano13o, Aok16, ALP17, ABK11, BGT16, BCM07, BP08, CMS11, CI11, CH15, CM18, DS15, EK18, FHI1a, FHI1b, FK04, FS17, GW17, GB18, GMM18, HKS00, HJJL07, IS05, JZ17, JHL18, KF02, KP05, LPD+18, LC18, MLX18, MB10, MK03, MBT18, NB18, OP19, Pan06, PK17, PB11, QGW08, Rei04a, RGJdQ18, Sz16, SNC17, SK12, SD16].
SUF+18, TT19, TSC16, TP17, VB17, vLM09, AEMT88, Ano04g, Ano05m, Ano12l, Ano12o, Ano12m, Ano12n, Ano13n, Ano13l, Ano13m, BLS15, CMS12, DPS10, FJA08, FR04, GHFH08, JZZ16, LL11, Lin10, Mar07, MS16, MB14, NN15, PDK16, SC12, SSS15, VHE10, ZT16, vLLSM09, vdPS08, AC001, GPS18, GHK18, Kry14, Mou15. **Species** [CG93]. specific [BC01]. **Specification** [Car84, Lam00, STW82, SSS90, Lie85]. specified [ALD12, Jas88, Str86]. spectator [YMYI11]. Spectral [GD95, VBW12, IP03, WWS+13]. specular [KCL18]. specular-enhanced [KCL18]. speech [CUD06, IC96, Ner75, Par75b, PK86]. speech-enabled [CUD06]. Speed [Ano93b, Ano94a, DL09, FCW+10, HS11, Koh97, MKG00, WZLQ19]. Speeder [BCHM02]. speeding [GL83, QGGW97]. SpeedSeg [HS11]. SPH [BGPT18, CIPT15]. Sphere [CFH’18, Ley05, Van85, Coo02, HY93a]. **Sphere-based** [CFH’18]. Spheres [Chr78, And94]. **Spherical** [AF11, DWH09, LZP+04, MCV18, PT16, PPG+18, QMHH91, RM91, SK03, SPS12a, WHFL16]. Sphinx [AdBc+04]. SPIE [Ano01-28, Ano01-58, Ano04-57, Ano04-58]. spike [FPFR92], spin [CGR98, LSW15]. Spiral [BvW06, Ccw99, FHP89, QMHH91, RPAM06, RAA+08]. spirals [Rei10, Zek+17]. **Splat** [ZL+15]. **Spline** [ML79, ALC06, AFW+18, BS93, BjOwKM12, BW92, CY94, CF13, DTG15, DDPT98, Kh00, Lam00, LQ15, LH91, LP83, LYS+16, MW12, PS15a, PS91, PVACN06, Sar92a, Sar92a, Sar94a, Sar00, SBH01, Sar02, Sar03, SBD15a, Tt83, Wa94a, Wm05, WZT97, WHL+09, Wf11, Wil03, Woo87, WWF+18, XLM12, ZDT07, ZCC+16]. **Spline-Interpolation** [Wil03]. **Splines** [Haz79a, Clwq09, Chu90, Cs80b,DBG92, FvE10, Fk82, Gsy94, Kp15, LQ12, MW92, Pha89, Pf89, Sar94b, Sar04, SP16, Sz90, Wm90, Zy12, Ll91]. **Sponsored** [Ano01d, Ano05y]. sports [GHG+18, MPW+12]. spring [GOT97, McD06, Th09, CSFG96, DS15, SD16]. square [Mok87]. squared [WY11a]. Squares [Coo78, Cco01, Lz+15, Myf06, Rgrg15]. squats [GHG+18]. **SSI** [Las91]. **Splline** [Mon87], stability [MW14]. Stable [Lbb12, LS08, She93, Bwd13, Dvg+18, Frc06, Lbb11], stack [LP92], stack-based [LP92]. stage [Brpc18, Ds93]. Standard [Cul84, Ka86, Pmmk85, Bk91, Cgg87, Lz88]. Standardization [Ree85, Str85a]. Standards [Co75b, Nm85, Wis86, Ad94, End85, Gn94, Gna84, HtkRW88, KUW90, Sta87b]. Star [LgLk16, ZNGN16]. Star-effect [LgLk16]. StarLogo [Kcr02]. State [Hk15, Csk97, Ck96]. Stateless [Dkz14]. statement [Gin02, Ley02]. States [No95]. static [Cci12, Kk16, Mb97a, Psb10, Zay12, Zql15]. statics [LdSp+08]. station [Men85]. Statistical [Pms87, Pic84, Pol83, Kb06, Kd15, Pur87b, Wsx12, Zgw+16]. Statistics [Zml+18, Angh11]. status [Sb07]. STDM [Wmdr08]. Steady [Js09]. Steelcase [Ano86a]. Steepest [Na013]. steering [Cvp+16, G+01, Mcm+18]. Steganography [Ww06]. stencil [Jct+15]. stenotic [Rmw+17]. step [Br89, Rb94]. steps [Sch95]. stereo [Kk15, Lyz15, MrC15]. stereolithography [Wm95]. Stereoscopic [Nak13, Bcc10, Cl97, Cpr17, Fbp96, Nc12, Sou92]. stereoscopically [Pae09]. stereovision [Kko01]. Steven [Mii92b]. sticks [Msi90]. stiff [Mms15]. stiffness [Zek+17]. stimulus [Lw89]. stimulus-response [Lw89]. stippling [Mali11, Mar17, MadS+19]. stitched [Asc17, Asc18, Pe18]. Stochastic [Jok+07, Tfy00, Askck03, Bao99].
LVLD10, Lin97, McC02, Pur87b, Rag09, TMN+00, TNU+01. stopping [TDR+17].
Storage [Bas77, Gab77, GC86, MD85].
store [SS75a]. story [EL04]. storyline [PBH19].
Storylines [ZC07, CLH12].
Storytelling [Ano05-60, Ano03-58, Cra02, DGA02, LNP+13, Spi02, SGBI02].
Strafor [Ano86a]. straight [CZ06].
Strain [PiP00, BSPD10]. Strange [EJ15, Enc15b].
strategies [AAB18, CWGR01,Sal85,SA04,THL15]. Strategy [BMP84, ASKCK03, FWX+18, dGMW16, WLQC18].
stratification [PTL04, SKS17]. stratigraphic [STM+04].
Stream [LD12, BH15, SMMS01]. Stream-based [LD12]. stream-line [SMMS01]. Streaming [GB04, SS04, TPRC18]. streamline [LWS15, MPl02, SP00a].
streamline-based [MPl02]. Streamlined [TVL16]. streams [FCW+10, GSV+18, LZSG03].
strength [VBVS88]. stresses [RS08]. string [K+00b].
strip [DW89]. stripe [LSHL18]. strips [VK07]. stroke [HS14, Sch98].
stroke-based [Sch98]. strokes [BKl15, HS11, IB06, MLHB16, SPL14].
Structural [Ade85, Ano77, BS77, ACO12, CTLG94, PPL91]. Structure [DFNP84, FST97, Krs98, Wec79, CLH+16, DKY97, FEJM75, GM04, Her83b, HHCM17, HY93a, JYL17, LCD15, LZL+15, LXC18, Mar80, Mar82, Nav89, NLS07, OK02, PLJL15, PBN97, PEMS14, PRR93, REI02, SVNB99, TPRC18, Vää93, XWY15, XH88, YC10, YCL18, YLT+18]. structure-aware [PLJL15]. structure-texture [JYL17].
structured [BPR90, GZLW14, Lew75a, RLS+12].
Structures [BSPR77, FZPM93, Gru87, San85, Ade86, ABG+18, AKW+16, BMW12, CBnj+15, DEST95, GKK96, GVT10, GNL+15, HHK+13, Hoo91, IL97, IV93, JHS9, KHO0, Lew75b, LCGN92, MHW10, Mar76, Mar80, Mar82, Mor76, OMF+18, PPG+18, RMW+17, SGBP17, STM+04, SA86, SCS13, SCH+18, VAGT08, VMAL16, Wal89, WBA16, WQL+17].
Structuring [Eas85, Mac85, Sif99, BD97, Pol83]. student [Bow95b, GS87, KS96]. Students [Dan78, Boa78, MGSC+10].
Studies [IWM+09]. Study [AC77, GLT+97, AKH03, CMLR11, DQF04, GPC+17, HGH+18, KP95, PVR87, PMBS14, RB06, RLT16, SLRP16].
Studying [JH11]. stuntman [FvdPT01].
Subdivision [JSF03, LDD07, MRS17, Tj85, ASSF17, CCL+03, DAEF04, GSF99, KB18, KDI1, KJS17, Lao99, LČZ03, LD09, LAL11, LKL+02, LCC09, MB97a, NA02, NG05, OKT01, RSAF18, SS09, SMFF04, SK04, SBH07, TAF16, VPBY02]. subdivisions [BS11]. subject [AB03, Yin04]. subjected [PX06].
subjective [MR05, PAE09]. subjects [SBD15b].
surface [CPLB14]. subsurface [ZCL+13]. substituion [GS99, QLCV06].
substitution [GB99, QLCV06].
Supercomputer [LLR93].
supercomputers [Gin93].
Supercomputing [AW93]. Supercover [CZ06]. superimposition [ADOR02].
supervised [LWS15]. Support
[Ano07-33, WQL+17, Ack96, BDPR93, BR96, BPKG07, BB98, CFMS02, CKK96, EME15, GS01a, Jun94, KD94a, Lew75a, MMF03, NM09, NS98, OS00, PSZ96, Pol83, RM05, Sar04, Sla92, YCF18].

Support-free [WQL+17, YCF18].

supported [EJRW96, Pau88].

Supporting [LRHS14, SFD06, CSM*01, FB04, LLH17, MAH00, ZWP*93].

suppression [SGZ10].

Surface [AP88, AXG*13, CLWQ09, CRT04, DFNP84, ELC*12, GOZ95, Haz79a, HF85, IT11, KKL02, Lam87, MBV18, Reh85, SGR*99, Tin86, VHL15, ZJH87, AM91, ABG*18, ACA07, BNPS10, BP10, BB94, BS93, BF07, BSF13, BW94, BLW12, Boe91, BSL13, BH15, BMS11, Bri03, Bro08b, CCKW11, DW13, DMG99, DE92, EH96, FS86a, FB11, FMP96, FWJ11, FM09, FPC10, GM07, GD11, GL+97, GYJZ15, GD87, HL96, HMHB08, JTO2, JSP03, JOK*07, KC07, KP09, KP18, KB06, KLY15, KZ04, Koh97, Kua01, Lam99, Lam00, LMZ90, Lan88, LAL11, LPV95, LCL15, Lib91, LPR+14, LT95, LCCM02, Liv18, LRS*03, MW12, MZPZ16, MCK12, MvSE18, MCS*18, NS87, NA02, OKT01, OSB07, Par75a, PS15a, PX06, QGGW97, RH85, RMD11, Rei98, RLB*02, RGRG15, RSAF18, RLS*12, SV18, SR89, Sar93, SMFF04, SXG*09, SBD15a, SPS12b, SJ09, SHBSS17, Ste99, Stii98, SWS10, SCT*14, SE01, TFO00, TMN*00].

surfaces [TNU*01, TAF16, Tsu17, UBW99, Uga06, VPBY02, VD98, Wal94a, WHZ*18, WF11, WF88, Woo87, XHL12, XXT18, YMZ*15, YCZ04, ZD04, ZDT07, ZSW08, ZLZG12, ZS14, ZGZ*16, ZZ15, ZM92, ZFSY04, QZ12, Zhu91].

Surfacing [SHBSS16]. surfel [GBP04].

surgery [BEKL00, CC04, GHM*96, KCM00, hLfdTdZ09, MTC02, WH96, YSW*96].

surgical [FEBS07]. surprising [Dod09].

surround [KMWW*14]. Survey

[Hun77, KHS*10, MAAS15, ROP11, Ano86b, Ano86i, AA13, BWF18, Bec94, Boe91, CCM*18, DH07, DG01, Doh95, Enc85a, Enc85b, Enc86b, ERB*14, FVG15, GTdS*18, Han97a, Han97b, JTO2, Kam93, KCK17, KB04, LLS*16, MAR17, MWDG13, MCTB11, MG08, NG88, NY06, OSSJ19, PCS00, PS18, SSM11b]. sutras [Mad00].

SVBRDF [HQW14].

SVG

[Ao05k]. SVM [TDR*17]. SVR [NTB18].

swapping [ZZXT18].

sweep [DSjdML18, WFW*18].

swaying [AK06].

sweep [CS06, MA94, MGOH96].

Sweeping [AA92, Van85]. Swept [HL96].

Swinging [Ano12a].

Symbol

[SB77, FK11, GZW12]. symbolic [SV06].

symbols [CDF14, LKS07].

symmetric [BR07, LM16, Spr96, SK13, TTS82].

symmetrical [ZS94]. symmetries [CCW01, LLL*15]. symmetrized [Mas92].

Symmetry

[LYW*11, VJO6, YGY16, AJR00, CCW99, CCO00, DHJ*99, Egh83, HS08, JR00, LXCW18, PCV16, Rei97a, Rei97b, ZLLY06].

Symposium
synchronization [HK93]. Synchronized [Par75b]. Synchronizing [HK93]. Synergies [DGA02]. Synthesis [BY88, CG85, GM86, KA85, MG86, RAHA88, ZPL88, ACA16, ACC+18, CM14, DSJ19, DCL07, FI17, GS05, GvK18, GCCZ14, HR04, LR16, Loh95, MS82, MHZ94, MM10, MSR+13, MA17, Owe94, PBK13, RO87, SNS06a, SCFF16, TG02, UPTd92, WZZZ18, WSG10, WI00, XY15, YP05, YGS12, ZSL08, Ano77].

Synthesizing [ACO12, CYCL09]. synthetic [ACV03, ADOR02, Kru99b, LhCE97, NRTT95, PdSm4dML+12, PLM+05]. syringe [HTW+19]. System [AC77, ARL78, Bax77, BR96, Ber79, BG79, BKCS79, DZZ79, DM79, FS78, GM87, Gom85, GÔT93, How79, JA84c, LMZ90, Mac78, SBOT78, BS84, VP77, Wec79, Wen84, Wit84, AEMT88, AKPS00, ALD12, AVM05, AAB92, AFM93, BBH90, BCS+99, BA90, BH1794, BJS01, Cas87, CS16, CC03, CFMS02, CT75, DSM+99, Dur91, EW99, EHBM82, Ela86, EMB+98, FB01, LFC06, FEJM75, FP75, GWEA+11, GN94, GA83b, GA002, GN80, GS87, GB75, HR97, HKCL02, HIS83, HOS8, HPD+10, HFT+99, HAB75, How88, HS99, IMMS82, IA83, Jar75, JK90, JA84b, Jun94, KSM07, KAV+88, Kir93, KKO01, KKNT88, KY97, KMWW+14, KAAO75, LNFC95, LdSP+08, Les02, LL05, LL06, Lew75b, LG94, LTPN96, LR90, LPV92, LCGN92, MTTL82, MBPF12, MDSU88, McD06, MPOL96, MP89, MW83, NKA83, Ner75]. system [NGA95, Nic84, OK02, OMF93, PBH19, PMZ97, PMPR+16, Pf84, Pisc87a, PLM+05, Pol83, RR01, RSN+07, Sch98, SWS75, SZW10, SVPS2, SH96, SS75b, TH09, TN02, TAS09, TS75, TM75, VBVS88, WK14, WJ+09, War76, XZL88, Y833, YNS94, YSD13, Yue86, ZHR+97, dH+97, dHT01, GH91, KGM75, Pic94, PS86].

Systematic [OK99, AMM+07, RT16, SLP16], systèmes [Le 77]. Systemised [Wal93a]. Systems [AB78, Ano95a, Ano95b, Ano95c, Ano07-33, Car84, CG93, DM79, DIE78, Eas85, Eg86a, Haz79b, Lea85, MG86, Mar87, Reh85, SL02, Str85a, WFS+82, AJR00, ABG+18, APS09, Ano94-29, Ano94-30, Ano01c, Ano04d, App87, AAB92, A+99, Ban85, BG01, Big86, Can94, Cor84, Cot75a, DG96b, EHMS, EBST14, End83, FA94, Gag95, G+01, GA83a, Gro94, HP01, JSV98, JTS86, JY98, KD94a, KAFB18, KN88, KKNT88, LHS87, LW90, LSS97, LZ88, LWW10, MMS89, Mar86, MS82, Mes84, MV88, MR90b, Nik98, Nik06, OHI83, OST+16, OdCA02, Os05, Pla00, PS18, QV95, QLCV96, RVR04, SB94, S02, Sl92, Spr94, SAK90, Tan80, TR95, Van09, VV98, VP98, vWS04, Ano86d, Ano93c, Ano95-41, Ano95-39, Ano95-40, Ano02f, Ano07g].

SEMWC05. target [ILLC01, RHFL14].
task [BC01, FGP+10, GTdS+18, GN04, KD03, Kyt+17, PBH19, PWV+18, TPM14].
task-and-technique [GTdS+18].
task-awareness [KD03]. task-based [PWV+18]. Tasks [Dai93, LFPI0, MA14].
taught [SS75].
taxonomy [DH07, RPHL14, SB97]. Taylor [Sou93].
TAYRA [WBL+97]. TCVG [Ano04-62].
teach [BEKL00, CB01]. Teaching [Bai07, Bre01, DZZ79, DMS08, FW13, Owe94, Tak77, Tax04, W02a, Boa78, FF96, GS05, KJ01, OSZ00, SS04b, Tei96, Hol03].
Teachware [MBGK89]. teams [PMBS14].
teamwork [DR09].
technology [Ano01d, Ano07e, Mar07, McW88b, APA+11, Ano86a, Ano04b, BS04, BF02b, CDGC94, CDGA84, GA83b, Hol03, JHL+12, McW87, Nap95, Suf+18, Ano05-41, Ano07d, Jy95].
technophile [CMA10].
technology [A+01, D+01].
television [A+01, D+01]. TelebuddyTM [D+01].
telecommunications [MPOL96, Que93, Ano07p]. TeleInVivoTM [CGS+96].
telemedicine [GLL00].
telepresence [Gag95, MBPF12].
telerobotics [KKC94]. Teleservices [Ano94a, Ano94y, Ano94x].
Teletel [Lam83].
Televirtuality [Que93].
television [CS04, DQF04, EL04]. Template [DLS+11, HGJ16, LH00, LYW+11, VDK19].
Template-based [DLS+11, HGJ16].
Temporal
[LS97, PA07, AMHWW16, FCW+10, HFP06, HP91, LB+14, RDD+18].
Temporally
[SCVC16, YY14, ERWS12, FJ17, HJW97].
temporary [WG17].
tension [TH09].
tension-determined [MZP16].
tensor [BRSP15, EKG06, Lam00, LQ12, LM16, MvSE18, WVV16, YRS+18].
tensor-product [LQ12, MvSE18].
Tenth [Ano07].
teragons [VB99].
Teramac [KMS+97].
Terminal [G97, KD86, Rei75].
Terminals [Bas77].
Ternary [LKL+02b].
terrain [CP96, DR15, HS99, KMv+18, LV02, LH00, Pum96, SAB12, SBD10, TEC+14]. terrains [NAS18].
TerraMobilita [VBS+15].
TerraMobilita/iQmulus [VBS+15].
tessellation [CP98, SMF04].
Tessellated [Bro79, YW+16].
tessellation [BSJC02, CYKK09, HY93a].
Tessellations [CCW97, CCW01, RA15b].
test [And98, CK09, FTU95, FT97, JCFC18, Lin90, MRF06, RF97, WLW05, dMF99].
testing [Kru84, Mag84, MF02, Pfa84, Sco84].
tests [LWW07, ME92].
tetrahedra [FN08, TPG99].
tetrahedral
tetrahedron [Rei97b]. Text
[Sch86a, App87, BPWG11, CÖ91, FP87, Hor83, LPPM07, SHG98]. textbook [EK15].
textiles [EW99, Pla00]. texts
[HMHA98, MNSJ99]. Texture
[CM14, CM93, KA85, MG86, ZSL08, Ack96, AnD19, AL98, AVHT17, AA00, BN93, Bus07, DSJ19, DG96c, DCL07, EWVL00, GP91, GD95, HE15, HR04, HPD+10, JYL17, KK08, KSKS96, Kra10, LSY11, LBTM15, MHZ94, MWS04, MJK04, Mol96, PBK13, SHK18, SK98, SNS06a, SL16b, TWBP03, Tap06, Yu99]. texture-based
[AL98, AVHT17, BN03, Tap06]. textured
[CCL+03, HO CN07, JCFN18, VH15]. Textures
[CG85, GM86, GPC84, AT08, CYCL09, DW05, DMG99, LVLD10, LB12, Loh95, MC08, SG92, WR02]. Texturing
[FDGM18, CCK01, DG01, LRD07, SD15]. Thank
[ANO09j, ANO10j, ANO11n, ANO13p]. Thanks
[ANO15l, ANO15m, ANO16i, ANO17i, ANO19d]. Theater
[PKK03]. theatre [GHM+96]. Their
[SGM97b, Bär90, BF15, LZLS18, McC96, SGM97a, SBHS10, TCLI5b]. them
[HE80, LS18]. Thematic
[BT78, WA75]. themed
[WBA16]. Theoretic
[DEL80, ANO95q, ANO95r, ANO95s]. theoretical
[SS75a]. Theories
[OKK83]. theory
therapy [FSS+02]. There
[BSC99, S+01]. thermal
[TNF14]. THESEUS
[DL93].
thick
[SMM01]. thickening
[CA17]. thickness
[CKCK09]. thin
[CA17, CKCK09, Les02, XXT18]. think
[Hol03]. Thinking
[Kre93, MMH95]. Third
[ANO95-41, ANO95-39, ANO95-40, ANO06-50, Pot77a, ANO02-53]. Third-Year
[Pot77a]. thoracic
[MT00]. Thoughts
[Eck90]. threading
[RVR04]. Three
[AR84, ARL78, BS77, CB78, DH07, FZPM93, Fal89, Ger86, HTKRW88, Jon90, KP98, LW99, Roe00, Str85a, VP77, Baw97, CWTL08, CKCK09, CR99, DK97, GZZS06, GMNS93, IWM+09, McC02, Mor76, NT00, NR07a, Par75a, PLM+05, RFZ+17, RO87, REG+89, Sch95, Sen03, SGS99, SO75, Ste75, SJ15, SF92, TS75, VJ06, WFT95, ZMM+90, LH83].
three-coloring
[McC02].
Three-Dimensional
[AR84, ARL78, BS77, CB78, FZPM93, Str85a, VP77, DH07, Fal89, HTKRW88, KP98, LW99, Roe00, CWTL08, CKCK09, CR99, IWM+09, Mor76, NR07a, Par75a, PLM+05, RFZ+17, RO87, REG+89, Sen03, SGS99, SO75, Ste75, SJ15, SF92, TS75, VJ06, WFT95, ZMM+90]. TIDSE
[ANO06-50]. TIFF
[LCGN92]. Tight
[Mar03, SOG08, WSL92]. tiles
[McC02]. Tiling
[FB11, MD99b, SDB97, We99].
tilings
[CCW99, Fat01, Fat02, GS99]. Time
[FZPM93, LLC04, Pic87a, Rag09, Shi92, Sug83, AMM+07, AJ94, AOB17, BKV05, BLZ12, Bay95, BH91, BSE03, BP10, CF11, CTN+17, Chat97, CB97, CVHM03, CF13, DVG+18, DFRD06, DVND10, DR09, DG17, EW75, EHM84, ERDS14, FCW+10, FP75, GRPR08, GW06, GYD75, GSV+18, GG14, GCR011, GPR+95, HBS013, HH88, HGH+18, KL07, Ke86, KLW12, KKO01, LAB+14, LRD07, LCCS04, LSH18, Lin79, LD12, MDJ+95, Mar02b, Mar10, MVR18, MPQ18, MMK04, Mey79, MA14, MSRB17, Mor75, MA17, NH08, NAS18, NG03, PSM61+12, PSBM10, PS08, RB08, RHC15, RGGB02, RJG06, SLS03, SD08, SV06, SWVB95, SVS+17, SHD+17, SCG18, TSY11, TWH02, TKB07, VP06, WLP+14, WJGG15, WCA+11, WF11, WLJT19, WLG04, XLQP12, XMD+12, YMD+15, ZDL+19, ZQ15, ZGP16, ZL1G18, ZZXT18, ZW88, ZMM+90]. time
[dHG+97]. Time-averaged
[Rag09]. time-based
[SD08]. Time-critical
[LLC04]. time-dependent
[BKV05, RGGB02, TWH02]. Time-discrete
[Pic87a]. time-oriented
Les02, LL06, SLX+16, dSB04. **unfold** [XhK16], **unfolding** [GBP17, ZMK11]. **unified** [Gho93, LZZ88, MPM15, WXZ+18, YLYJ13]. **uniform** [uHRBK06, LZ03, MAFL16, YSD13]. **uniformly** [GS11]. **Unifying** [EK85]. **unimodal** [Wal06]. **union** [MK89]. **unique** [AW+09]. **unit** [AA01, KKS93]. **United** [Nol95]. **unity** [RPM97]. **univariate** [Pie89]. **Universal** [SCNT03, LHS87, ZC99]. **universe** [IA91]. **Universitat** [BJAN+95]. **universities** [Han97a]. **University** [Ano03a, Jv95, KKM106, MWY+10, EGL+14, Gri88, Pie90, TS94]. **Unleashing** [LAB+14]. **unorganized** [LW10, SA17]. **unprepared** [A*99]. **unrestricted** [PCS00]. **unsalient** [TCL+15]. **Unsharp** [HKA17]. **unsmoothed** [RS08]. **unsteady** [Tap06]. **unstructured** [BAG03, Fru94, OWI13, PM95]. **Unsupervised** [BK05, WWS+13]. **Untrimming** [MvS18]. **unusual** [MTT82]. **update** [BC91, McW88b]. **updates** [CF11]. **Urban** [Bax77, BBCG11, CJ99, DAHF04, GDDA13, HS83, LD03, LR07, LBLD11, NFLYCO99, THL15, VBS+15, vLvK11]. **usability** [RHS+09, dHT01]. **usage** [DQF04]. **Use** [Bax77, Ehl85, Gra85, LS79, Mit77, ML79, Pic84, Rob78, BM89, Bru75, DBW+12, Fal89, FP89, Gin93, IA83, Mar76, McC96, MML+11, Par93, Per02, SFT86, WBP92, WWK11, dDH87]. **use/transportation** [TS87]. **used** [Car92, LB75, Sch95]. **useful** [SS02]. **User** [ACB12, Ano07-39, CS04, FGES96, H+01, PPV07, ALD12, AP99, CLH+16, CH93, CH12, DL93, En95b, Fru99, GDA+13, GD04, HFT+99, IWM+09, KSM07, KYT+17, KMWW+14, Lea87, LVVC06, MQ09, MR95, MSAR01, NC07, NFHS06, SFVP13, Si99, SEMWC05, SSS15, SKL+13, Thi85, TS95]. **User-centered** [FGES96]. **user-controlled** [GD04, SFVP13]. **User-guided** [PPV07]. **User-interface** [ACB12, Thi85]. **user-specified** [ALD12]. **Users** [Ber79, JA84b, KHS+10, MA14, NUG91, RV01, Vai93, Wri75]. **Using** [BGD18, BS77, BPGW11, BKL00, BB93b, Cas96, CJJ99, CG93, Dai93, DR09, FGP+10, Gab77, GS05, Haz77, JP10, Mac78, ME77, ME83, MN09, Ok98, RSH+94, SBOT78, SS11b, SEMWC05, SPS96, TH90, TPM14, WMW13, XLG16, ACSW75, ADR01, ABCD93, ABJ90, ASWL11, APS09, AEN17, AOL96, AMGA12, AN99, AA00, AA01, BW98, BX99, Bv97, BPK15, BD13, BWD16, BCM17, BPS03, BW94, BC01, Bri03, BB91, BDM+16, BKL17, BRPC18, Cad08, CWNA08, CLWQ09, CM14, CMB17, CSCF08, CYJ+13, CB+15, CTJ96, CCL+13, CLT07, CSH04, Cho06, CII12, CSL01, CCC97, CRT04, CLE13, Con91, CDF14, CS08b, CK93, CB01, DC98, Des00, DFWWW15, DS93, DMS08, DMC99, Do99, Egbo, Egh83, ERWS12, EA19, FCM+18, FB11, Fay85, Fer01, FJ17, FWWW13, FEVM10, Foli11, FPC10, FK11]. **using** [GBA15, GDDA13, GDvF03, GP91, GO06, GT06, GMD+13, GSV+18, GS99, GKL07, GSY94, GLDK95, GO90, GA02, HEF13, Her83b, Her85, HLCF88, HS11, HFP06, HR04, HLS19, HLBB+06, HS99, IC96, ILCC01, IC87, JS09, Jer95, JK15, JHL+12, Jut94, KL07, KKL02, KM14, KKH18, KKH03, KL86, KZ04, KJS17, KJS18, KPM18, KHS03, Kor87, KCM00, Kym12, KJ08, Lam99, Lan97, LBD97, LH17, Lee01, LXW+10, LSH+12, LVW+13, LLL16, LYX18, LPD13, LM16, LW+18, LPPM07, LL12, LB19, LBTM15, LHCE97, LX08, LVVC06, MSEE17, MLM+17, MAFL16, MBPF12, Mar76, Mar86, MG99, MAG+12, MYF06, MSK19, MRC15, MMS+17, MS90, Mou13, Mul01, Nar15, OKT01, OK12, PBH19, PdFS06, PL15, PBN97, PR82b, PHIL15, PMV06, Pfa84, Pha95, Pic88b, Pla00, PCPW15, Psys96, QLCV96,
using [RMD11, RdMF08, SP00a, STT+18, SK03, Sar93, SAMANA, SM07, SHK18, SGC00, Sei99, SH94, SD08, She12, SLLY97, SSMA, SXG+09, SPSZ12a, SvD03, SBD15b, SJJ19, SKH12, SL01, SL16b, SWL+16, TNF14, TSY11, TGG06, TAF16, TB19, TG02, TBM+04, TPN95, Tsz17, TT12, UBW99, UKL+13, VP98, WEWL99, WFG03, WBL+12, WTW18, WLZL18, WMRA+15, WLQC18, WW+95, Wir80, WX14, WCLZ14, WKW16, WBF18, WSX12, XMD+12, YRS+18, YC10, YY14, YMZ+15, YJJC99, YSD13, YT87, ZD04, ZMYH06, ZMKG11, ZLS98, ZLS99, ZYO1, ZHP+19, ZLLG18]. utilizations [CF77]. utilized [KCK17]. Utilizing [Wec79, BCS+99, CTJ+14, Jar75].

v [Fat02, Ano03-34, Ano03-35, Pic87b, SZW10].
v-shaped [Fat02]. V-shaped [SZW10].
vacation [Pic92b]. valence [KNC11].
Validation [DM01, BCF06, MGSC+10, Pfa83, SD90].
valuable [FF96]. value [BSPD10, Lam00].
values [DDPT98]. variable [CKCK09].
variables [Koh96, Koh97]. variance [APSS01, BM08]. variate [Tap06].
variation [LH14, LJJH18, PMV06].
Variational [GVP09, YIL09]. Variations [Woo09, Bro07d]. variety [AC012]. various [JT02, LG03, TNU+01, Wei99]. Varying [Sug83, LLC04, NIH08, RB08, SVVS+17, UKL+13, VP06, WPH+14, ZQL15].
vascular [CCY+03, LLLH17, RMW+17, SGBP17, THQ+16]. vasculature [EDK94].
vase [ZY02]. vcp [CZC02]. VDA [Ano02g, Ano02h, Ano04-60, Ano06-51].
VDA2004 [Ano03-55, Ano03-56]. VDAFS [Reh85].
vector-parallelism [NT00]. Vectorization [BG93, CFM84, ZLS98, ZLS99].
Very [Ger02, HKCL02, HG02, TWSW02, LFL02]. Vessel [KGM75, KGK+07, LD11, RHB95].
VesselMap [THQ+16]. vessels [CLE13].
vest [XLL+18]. VFire [HSB+10]. VGA [FP89]. VHDL [WW+95]. via [Ban97a, Ban85, BRdOS17, CTQ+14, CYC109, CLN+16, CF13, HHC17, KFW16, KA86, LCZ+11, LWS15, LSWL13, LJJH18, LSW12, MT88, Mor76, ODZ11, SVT86, SPY87, TSD17, TCL+15a, WY11a, WFC14, WGS+18c, WHZ+18, WGS+18a, WGS+18b, WWS+13, WSLW14, WZW+18, XGC18, YF09, YCF18, ZCL+13, ZNT+18].
vibrating [McC08]. vibration [MS82].
Video [Ano07h, Ano07i, CFZL16, BS04, BEFV94, CVL+04, CCM+07, CAS+15, CPG94, Cou92a, DH95b, FCW+10, FP75, GHCH03, Gir93, HSE10, HW16, JM88, KKH10, LCS+12, MCW89, Met85, Mat85, SHG98, UKL+13, WLG04, YY14, Ano07-33]. video-based [dAPG18].
Videodisc [Str83b]. Videogames [GM05, YMYI11]. Videostreams [KSF15].
videos [HMHA, KSF15, MX2, SSR11, XLQ12, ZHP+19]. Videotape [CL92].
videotex [FP87]. Vectors [Zom10]. View [ET07, FJW11, GB77, GCR11, GNL+15, AMM+07, Ano01-62, BGK04, BFSE03].
ESAH02, EBC+15, FJ17, FV13, GVJV99, GA002, GZIW14, HSE10, HY93a, KS09, LBD17, LFL02, MM18, MS09b, OK99, Oik98, PCv16, POBB09, RTB+18, WYV16.

**View-dependent** [GCCR11, GNL+15, BGK04, BFSE03, ESAH02, GA002, LFL02].

**View-independent** [FJW11, WYV16].

**View-projection** [ET07]. **Viewer** [And85, GKO4, JGA09]. **Viewing** [MPW85, Rog83, FJW11, Sin87, Zhu91].

**Virtual** [Tk94, Tk94b, Tk94c]. **Virtuality** [GRR11, GNL].

**Visemes** [PSBM10]. **Visio** [Ano02f, Ano02a, Ano04-61, Ano07g, EK85, GHM+96, SKO83, Ano86a, Ano94v, Ano04d, AM10, NRTT95, SU93, TR95, Var92, Ano01-60, Ano06-52].

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