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Title word cross-reference

1 [TWSM17]. 2
[AH11, BW09, BSW+12, BG89, BCK+12, BCF94, CLME09, Day90, DGF98, DHH02, DF90, EFGS96, FG88, GD96, GL94a, GL94b, GBS19, GST14, GT16b, GLX+16, HLM97, HCGW14, HRRR18, HL15, HYL+15, IEGC08, JWH19, KKBJ16, KCL+18, KG19, LJB+12, LWS18, MBES16, MSM+08, MB08, NBH17, OM13, OW19, OGHT10, PCX+18, PW12, PPBT12, PEP12, RGG18, SW10, Sch11, SK16a, SSS+12, STP17, The02a, TRS03a, TRS03b, TSH01, WG93, WZL+12, WRS+13, WTHS06, WGS10, WO92, WOB09, YFW12, ZLK05, ZRLS19, dGCSAD11, dGLB+14, van90]. 24 \[FW99\]. 3 [Ais85, AS96b, AA09, ADMAS18, AD01, ANF97a, ANF97b, ASH15, AMSF08, Att15, ATF12, AH11, AKM16, ARG+16, BG95, BP98, BCG+96, BB00a, Bel87, BR02, BSY+19, BGK+96, BCBB16, BMG99, BSG95, BCK+12, BLS+17, BG08, BYB09, BH93, BHMT13, BdM14, BCD01, BCF94, BMWM01, BNRSV01, BB08, BL18, CS16, COO15, CCF08, CTS03a, CTS03b, CY+11, CNKI13, CLB+09, CMPS09, CMS94, CD94, CJS02, CACB18, CKSW08, DDÖ+17, DS11a, DCPS08, DGR+14, DER+10, DMS14, DH93a, EWHS08, EFGS96, FFD93, FW17, GS14, GD96, GL94a,


4DCT [AAS+16]. 4PCS [MAM14]. 4th [Ano97d, LDL05, Ano06g].

5th [Ano96c, Arn84, CG07a, Ano97e, Ano98d].

60km [HLH+16b]. 60sec [HLH+16b]. 6DOF [BH15, LAFT12]. 6th [Ano95c, ZY04, tH83b, Ano88a, Ano98c].

7th [Ano95d, Gal84, Kil85, Ano89].

8'1 [Enc81]. 8'2 [WG82, Wat82, Kid82, Kuh82]. 8'3 [HP84, SW83, tH83a, End83b, HEtH+83, Joo86, tH84]. 8'4 [Arn84, Hop84, TB84]. 8'5 [Van85, Gre85]. 8'6 [HD86, Req86, Rob87, Mor86]. 8'7 [How87]. 8'8 [DJ88, Wat88]. 8'9 [HHS89, Arn89, Jan89]. 8th [Ano97f, Ano97-32, AJL+11, Ano98f, Ano98g, DS98, TvdP98].

9'0 [Duc90b]. 9'1 [HB91]. 9'2 [Arn91, Ano91c, Ano92]. 9'3 [Ano93]. 9'4 [Ano94]. 9'5 [Ano95j, Ano95k, Ano95o, Ano95z, Gob95, HP95, PB95, SvZ95, Ano97, Ano98b, Ano98c, CHe06, CG07a].
TT95b, Ano95i. '96
[Ano95i, Ano95m, Ano96g, Ano96h, BH96, Gob96, PS96b, Ano96l]. '97
[Ano96j, Ano96k, Ano97v, Ano97w, Ano97o, Ano97r, Ano97-28, Ano97-32,
Ano96i, Ano97u]. '98
[Ano95n, Ano97v, Ano97-32, Ano97x, Ano97-28, Ano97o, Ano97-28, Ano98v,
Ano98w]. 9th
[Aus91, Ano91a, Ano97g, Ano98h, Ano98i, Ano98j]. 9x
[DDR93, ND94].

= [Che06].

Ablation [RWS+10]. Absolute [GBS19, KRM+15]. Absorption
[ACAA+19, BAO+19]. Abstract
[BBP10, DH93b, Han05, HW10, HKSK18, MG87, PBK10, TC93].

Abstraction
[BFG+17, CNKI13, Gna82, IJS09, JC08, KL08, KNH+18, KKD09, KK11b,
MD1+18, PFR+14, SAMS+17, STKD12, SAA18, WT09, vDZLB11].

Abstractions [ARH12, BGB+08a]. Abstractive [CZCE08]. Accelerated
[AGG+08, BKE00, BS02, Gar09, KZ08, LMS04, LBPH10, MS14, MMFE08,
McC96, RPZ02, WBP98, WSR+17, DSSD99, MAG19]. Accelerating
[BRD12, BEM11, HLL07, KTO11, LD08c, LL18, LCD09b, RGG15].

Acceleration
[AT10, GRDE10, LLHY09, LBPH10, LCD09b, SPH+09, YN00]. Accelerator
[BAAM17]. Access [KCB97, ZFE16]. Accessibility [HD02]. Accessible
[CH09, KCL06, RLH17a]. According [TX16]. Accumulation [BG09, LG95].
Accuracy [CEX+18, GKB+11, KER+14, SSBK15]. Accurate [BSH12,
BXH10, BPMG08, CP10, DF93, DZC11, ENMGC19, EL01, FH18, FBP08,
Hol15, HK09c, KHM09, KGL+98, LW92, Pat17, RH06, SDMS15, SLTM08,
SPSK13, TPSH14b, TCR500, YZXW12, ZCP07, DCV14, LN18, SPCR14].

achieved [RPP93]. Acid [DTA94]. ACM
[CSLG10, DS11a, Des06, ID10, IC11, LSF+11, PS10, BPB+04, Rob87].

ACM/EG [BBP+04]. Acoustic [BMD+08, HHD+12, MF00]. Acquisition
[BPM06, BPW14, BR02, CML+12, CMF18, DSY10, DCG87, GGG+16a,
KBO+14, LDW+10, LDY10, MPM+14, MMS+05, RA94, SHS99, VF16,
WHL+04, WZ15, YHL+16]. Across [BJG+15, KZM12]. Actions
[HKG06, KMTT92]. Active [BZL+18, CH19, Gla99, HH08]. Activities
[Ano84a, GSH01, Mud83]. Activity
[APH+12, CD18, EBMT00, JNM+09, RL84]. Activity-Led [APH+12].
Actors [GVS+15, KGRG17, NT95, ST94]. Actual [KUMY10]. Actuator
[DSNV+17]. ADA [Mac84, MIl87]. Adaptable
[LCC+18, RSSL17, WW99, ZHK15, KSH92]. Adaptation
[CC06, GRC13, LGW18, FPW08, WW09b]. Adaptations [ARM+15].
Adapted [KLD+09, ZSS17]. Adapting [GLK16]. Adaptive
[AG01, AHTAM14, And12, BW09, BYM18, BT95, BBH13, BXH10,
BPWG07, BS08, BP01, BHU10a, CG02, CD08, CWW+11, CZY11, CB09,
CGG$^{+}$03a, CGG$^{+}$03b, CAE08, CZGF05, CG07b, CPK09, DTG96, DMNV12, DMAC03a, DMAC03b, DDC09, DR509, FHHJ18, FP04, FCGW02, GGW98, GPK$^{+}$12, GCSA13, GMC$^{+}$06, GV05, GBP07, HWC$^{+}$05, HH98, HJ99, IP00, IFL13, JZYP18, KL14, KJ92, KMS07, KBT$^{+}$12, KKR18, LGP14, LPD14, LMPS16, MWN$^{+}$17, MTF03a, MTF03b, NGM14, OK12, PJ94, PCK09, PGSD13, PWH98, RCB11, REH$^{+}$11, RAMG15, ROG17, SVLL10, SHS99, SS09, SP01, SO12, SD94b, SKSS14, ST08, SGM16, TSDSK13, Ure00, WDGT01, WN09, XSSX13, YYW08, YIC$^{+}$11, ZBP99, ZZWC16, ZJL$^{+}$15, dS96, vTKP11, FCS16, LBT92, Rap92].

Adaptively [And10, DRS08].

Adding [Bak88, BB17, LAA08, SSJ$^{+}$10, WYKR17].

Additional [ABK$^{+}$19].

Additively [Man16].

addressing [Ger92].

Adjacency [DRW15, MR17].

adjacent [SZ18].

Adjoint [HO17].

Adjustment [AP10a, LM10, LCG10].

Adjustments [LAA08].

Advanced [BDS$^{+}$03, DDPL00, HSS$^{+}$05, HE01, HP02, Ki85, KG18, UBH14, XLTPO3a, XLTPO3b].

Advances [Ale02, BW01, Cas12, GI15, JH15, KRP$^{+}$15, ZJL$^{+}$15].

Advantage [KMJE12].

Advective [WH12].

Advection [AVBC16, CKSW08, KSW$^{+}$12, LTH08, SWPL08, Wei04, YMM10].

Advection-Based [AVBC16].

Advection-Diffusion [KSW$^{+}$12].

Adective [HWK15].

Adveotive-Diffusive [HWK15].

Adversarial [CLGS18, XHW$^{+}$18, ZLZ$^{+}$18].

Aerial [ACA18, YXHH18], aerodynamicist [PW93].

Aesthetic [Gda17, KM16, OM13].

Aesthetics [Ano08e, Ano08f, DH16, ID10, NSGP06].

Affect [DB96, DBHM03a, DBHM03b].

affecting [Kin95].

Affective [LC09].

Affine [BLTD17, KHK$^{+}$09, NG92, NR95, Vax12, dFSV03, dS96].

Affine-Kernel [BLTD17].

Africa [GS06].

African [GSHM10].

AFRIGRAP [GS06, GSHM10].

after [MGN17, SHZD17].

Afterimages [RE12].

Again [GLG$^{+}$16].

Against [HL02].

Age [Fra83].

Agenda [Arn08].

Agent [EBMT00, LCM$^{+}$18, SGS05].

Agent-Based [LCM$^{+}$18].

Agents [BBT99, LPSV14, NG03a, NG03b, RPA$^{+}$15, Bad93].

Agglomerative [DCY19].

Aggregate [BNH$^{+}$16, KCH19].

Aggregates [SM14a].

Aggregation [HBW11, LIH11, MMV$^{+}$13, MHDG11, ZAM$^{+}$16].

Agile [BH15, LMLG15, LMPD15, MRT08].

Aging [BPMG04, DGA04, GM04, HCG08, IAGA15, KB04, SSSB07].

AGM [Ano95p, Ano96b].

AGRELs [RK94].

Ahead [HCBW19].

Aided [BF84, Owe88, Owe89b, Owe94, Owe90b, Owe92a, Owe93, Owe95].

Aiming [DKYN96].

Air [BJA$^{+}$15, EHH$^{+}$13].

Airline [RPMO13].

al [BPY16, ERA$^{+}$16, Man16].

Alain [Fiu01].

Albedo [GMD10, WL08].

Albero [DPD$^{+}$17].

Album [ZH12].

Albums [RGM$^{+}$18].

Albuquerque [Osl82].

Algae [DTA94].

Algebra [SAD$^{+}$16].

Algebraic [EBV01, Gaa83, GGG08, RS80].

ALGOL [MA85].

Algorithm [And89, AS95, AHT04, BS98, CFFP84, CY89, COF95, Day90, DBG99, EMP$^{+}$12, FP04, FP94, FBW01, Fis98, FA87, GKLS19, Gov19, Hew84a, HS98, HB94, HL02, KSKAC02, Kuz90, Kuz95, LAA06, Lin85, Liu94, LZY04, LSZ08, LCDW16, LS15, Mil84, Moh87, MGAF95, NW01, O’H02, OM13, PM16, PJ94,
Algorithmic [BR97, BP83a]. Algorithms [AGR19, AR94, BCS96, BZL18, CDSS14, Day88, FMH16, FEM+19, GI18, HH11, HSS17, JEO00, JFS09, KS13a, LS89, Mei91, Mil83, MBW05, SSK10, SM86, SLD17, SG96b, SN86, TIS18, WH17a, DFIM15, DMCN17, EMU17, SDD+15, VV91].

Alias [SEA08]. Alias-free [SEA08]. Aliased [DS05a, Liu94, TNF89]. Aliasing [AGJ12, BK01, Chr86, DFY14, Pil85, GM06]. Aligned [CK14, DLY18, KCL18, NZH18, PWS12, TLRB18, WYKR17]. Alignment [AGP08, AKM16, CIE16, CRC15, COF95, ESKBC17, GVS+15, SBC14, SDK+15, NNRS15]. All-Frequency [IFL13, MC10b, OPP10, IFDN12]. All-Hex [GSZ11]. All-Integer [Liu94]. all-scale [LN17]. Alleged [RPSF15]. Alleviating [BMS+10]. Allocation [DDH18]. Allocator [VH15]. Allometric [MKR11]. Alone [BJS+15, LSZ08]. Alpha [GMW97, GO10, WS09a, Wil06b]. Alphabetic [LO95]. Alternating [HCW17, KR19]. Alternative [EWK13, MKV09, Gui92]. Alvey [Cre88]. Ambient [LK10, LWDG10, MSW10, MBDC15, PB07, RSM+08, SGG15, TML13, YWC10]. Ambiguity [SJB+17]. Ambiguous [AHM09, CD10]. Ambrosio [BCGL18]. AmniVis [NLB13]. among [Man16]. Amplification [BDC18]. Anaglyph [LMSG16, SW11]. Analogy [MHS+14]. Analogy-driven [MHS+14]. Analyses [BMS+10, XBL18]. Analysis [ASB+17, AHG+19, ACA+19, AYLM13, AFK+14, AAS+16, ABG+12, Ano99m, ACC15, ACOH18, AGCO13, BAT11, BBT+06, BSK16, BPW14, BH19, BDF+14, BPFG11, BWM+11, Ber09, BCGS13, BSK+17, BMPM12, BGMT13, BvLBS11, BBTB13, BHU10b, BCWR08, BTM+19, CT11, CHH+19, CD18, CGM19, CBK+17, CKGC14, CCGS+09, CLC11, CJZW12, CWL+15, CKH9, DAF+18, DW13, DI18, DPD+15, DG97, EKFM12, ERHH11, EHJH+13, ER18, ESKB17, EBC17, FdABS99, FR11, FKRW16, FEM+19, GHX+17, GMLMG12, GBAL09, GD96, GL12, GL94b, GHWG14, HK12, HBRFP19, HRRD+15, HDS+09, HCGW14, HRS+18, HCWH17, HG18, HMP+12, HFL12, HsvK18, HWAG09, HKM15, HO17, JFCS17, JNM+09, JE13, JKK+18, KBCM16, KB19, KMB15, KFH10, KBBM15, hKLS00, KLCF10, KHIK01, KCA+16, KFM+19, KASH13, KVD+10, KKL+16b, KTW+13, KSKL13, KBÖ+14, LCP+12, LSS+12]. Analysis [LZW+13, LMG+18a, LB19, LFS+15, LZ07, LSC09, LWT+15, LA15, LJC17, LJLH19, MTR08, MJK17, MPM+14, MGB+12, MRBC18, MC10a, MLJ+18, MHHH15, MOK+08, Mnk83, NGB+09, NHL16, NMOT01, OAM+18, OGW19, OT12, OBCCG13, OMPG13, PSM12, PPW18, PGS+16, Pat16, PPy+16, PDC+19, PPBT12, Pos11b, PB90, RCM+16, RP+12, Ric87a, RL14, RHM+12, SHSK16, SPB+17, SW04a, SvW13, SXY+11, SV10, SMI12, SM17, SOA+19, SvL16, SGB13, SS15b, SBM+14, SOG09, SJW+11,
SMB+17, SKFNC97, TFA+11, TWC+09, TPRH11, VHG+18, WMS+08, WXL+11, WMI212, WCB15, WHP+11, WAF+11, XDC+13, XKHK17, YKS+19, YPF19, YMMS06, YNM+13, ZAM+16, ZSL+17, vLKS+11, BG93, DFM15, GL94a, KGGP18, Kra92, MK08, NGM14, NNN11, SNJ+14

**Analysis-Oriented** [MC10a]. **Analytic** [AGJ12, AWJ13, BH19, HC14, MS13, MRMH12, MMG10, NBMJ14, TT97, TBTB12]. **Analytical** [PP09a]. **Analytics** [ARRO+17, ALA+18, BEM17, BLY+11, BJA+15, BCWR08, CWGvW19, CHH+19, CBK+17, CLY+17, CE19, DI18, DPD+17, DWT+11, EASK18, ERT+17, HMD+08, HSK+10, HER+11, IF09, JZ+09, KMJE12, KWS+15, KHI+19, LGH+17, LRB+15, MHK+19, MK08, ORS+14, PZDD19, RSM+16, RovHD+15, RCMA+18, RMM15, SGS18, SHP+19, WMS+08, WDC+10, ZAM+16, ZCW+19]. **Analyzer** [LAD02]. **Analyzing** [BAO+19, JL17, KMJE12, LKZ+15, LMA+18, RXX+17, SHA+17, WDM+12, WH17b].

**Anatomical** [CLME09, DMNV12, GRP10, ZHK15]. **Anatomy** [NJB+11, ZPS03]. **Anatomy-Based** [ZPS03]. **Anatomy-Guided** [NJB+11]. **Anchor** [AR95], anchored [SHS+17]. **Anchors** [SFLP18, WSK+19].

**Andreas** [Ano07b]. **Android** [LFC14]. **Aneurysm** [NGB+09, SLB+18, vPGL+14]. **Aneurysms** [LMW+19, MVB+17, NJB+11, NLB+13]. **Angeles** [Ano97-32, LLR+04, LLD05, Ano95z]. **Angiography** [SSM12]. **Angle** [AVR10, Gam16, LAD02, VR12, SHD16]. **Angle-Analyzer** [LAD02]. **Angles** [SK16b]. **Anglia** [Ano97z, Ano97-28, AEL+82]. **Angular** [KB89].

**ANIMA** [MM93]. **Animacy** [RAP08]. **Animal** [DHS+13, GKPL11, GJL+09, KOB+08, SvL16, WPP13]. **Animals** [KKBJ16, Ter02, WF97]. **Animatable** [LGMT00]. **Animated** [BT95, BAP11, GEFY12, GFW+06, GRR+16, KSO10, KCH19, KFA+10, KFA+14, LS10a, LGP14, LLD10, PRR89, SC16, SS96b, SO10, SWG08, TTB12, TGS96, WMC+09, WS02, XSL13, YGG18, van89a, Bad93, SSK93]. **Animating** [BCN03b, BCN03a, BY08, BSVS04, CCI+07, GRP10, HOK03b, JL00, KRFC09, NJ04, OAI09, PNVS17, QNTN03b, SJ13a, SRH+09, SOH99, WF97, WHL+04, DTKT93]. **Animation** [ATBG08, Ano95-27, Ano98f, Ary86, AB97, AW13, ARG+16, AO13, BYL16, BCN03b, BSC16, BS19, BTST12, BM15, BCH+95, BPP+04, BBL12, CH12, CTL13, CKGC14, CKB04, CZZ+18, CYI+12, CNKI13, CYJ02, CKE+12, CO05, CMT02, DAP08, DTTS08, DN08, DO00, DF90, DKY98, Dur01, ECN14, GLH909, GP12, GGK06, GFW+06, GW05, GCY+14, HMLP13, HK09, HENSS16, HE01, HOK06, HEG90, HEG91, HKM08, HE94, HSMC13, HOK03a, HOK03b, HSK14, HLL16, HTY09, JCK+13, JIK13, JL08, KL14, KZ05, KSO10, KL19, KHIK01, KMT03a, KMT03b, KMA05, KYC16, KM09, KS12b, KL00, LF11, LL05, LCL07, LCSC010, LFXW11, LAFT12, MTV97, MCH94, MPP+13, MB97, MH07, MBCN09, MGC+16, MAA+09, MWT19, Mo87, MCT01, NB88, NAD07, OIST91, OAO11, OTH02, Osh08, PG95, PHHT12, PPD07, Pat95, PMG13, PG08]. **Animation** [PTB+03a, PH94, PH96, PT88, RAP08, RLNO6, RHC08, RPPD17, RSKN08.
SCA04, SOC19, SSSK04a, SKZF11, SCR+18, SL09, SNI06, SMM13, SLTM08, SiKD05, Sn95, SHS13, SBC+17, SKC01, SJF11, TFK+03a, TFK+03b, TCLK12, TTN+13, TWT+16, TMO04, TMT86, TvdP98, TAAP+16, TG98, VVE+10, VSC01, WPP+13, WWS+15, WSG05, WDAH10, WH96, XWG+13, XL+10, YLI92, Ye98, YMJ+17, YM06, YKH+09, YYPZ07, YLRC10, ZISS04, ZLYL17, ZLK05, ZXTD10, ZLKW13, ZRJ+15, vBE11, van97, vdP97, BH96, DTG96, DRBR09, ES92, HG92, HPT89, JW89, KB92, LG92, MM93, Rob93, TT95b, TDK00, WO92, YNBH09, AFHdL14, CIPT14, GDAU14, JZW14, RTK+14, TPSH14b, TSK14, VB14a, VF14, WGO14.

Animation-Aware [MPP+13]. Animations [AM00, BG95, BBT11, DDM03, DTTS08, FLJ+14, HVAPB08, MP10, NC10, OZ08, PC94, VSO9, VFT94, GDAU14, VF14]. Anisotropic [AA06, BPY16, BMR+16, CG16a, CHK13, DGF98, HMS09, HP04, KMG96, KKD09, MYLZ16, MRMH12, QCW+18, SWG12, VF16, ZCJ+14, RGB+14].

Anisotropy [GCP+09, OBH+11, PWP08]. ANN [TSPP16]. Anno [Enc98]. Annotated [How89, KLTZ16, RAMG15, WTH+13]. Annotating [WCM15]. Annotation [BCD01, HBRFP19, WTLY12]. Announcement [Ano03a, Ano98u]. Announcements [Ano98k, Ano98l, Ano99a, Ano99b, Ano00a]. Annual [Ano87a, Ano88a, Ano91a, Ano92, Ano93, Ano94, Ano96l, Ano96s, Ano97o, Ano97q, Ano97z, Ano97-28, Ano98a, SCA04]. Anomalous [WW09a].

Anomaly [SBM+14]. Anonymized [TLFC16]. ANSC [Arn84]. Anti [AGJ12, BK01, Chr86, DS05a, DefY14, GM06, Liu94, Pil85, TNF89]. Anti-Aliased [DS05a, Liu94, TNF89]. Anti-Aliasing [AGJ12, Chr86, DefY14, Pil85, GM06]. Antialiased [PWC+09]. Antialiasing [CW99, JESG12, LA06, Sch01, NG92]. Aperiodic [PGGM09b]. Apertures [MPCG12, MRD12]. APLEX [GS85]. Apparent [SLTM08]. Appearance [ACG+17, BSH12, BPV+09, BBDA10, CRC+15, DWL+09, DDKL09, DKY16, DHI+15, EKM01, GCP+09, GMM+12, GG15, GCP18, HLR+11, JRI11, KRP+15, LAS+11, LWB14, MWS+16, MRMH12, MSHD15, MES+11, NSR17, OVB+15, PCDS12, PWC+09, PdMJ14, RK99a, SPN+16, SKZ11, SSCO09, VAW+10, VF16, WRK+16, WW11, WDR11, WZ15, YLD+18, YMMS06, YIC+09, CVCH14, IMDN14, NNRS15, VSD09]. AppFusion [WZ15]. Application [ABC+04, AM95, BB08, Bdh01, CL99, Deb18, DMPC94, End84b, HS09, Haw85, HJL+13, LDB07, LFC14, Mac84, ML91, PA06, PS95, SMTG07, YB18, BM93, CFM93, HS92, HK92]. Application-Specific [Deb18]. application/graphics [HK92]. Applications [AKB+95, AAS+16, BR07, BAA+16, BMD+08, BPY16, BF84, BCBB16, BGB+08a, BBC+05, Bry96, CDSS14, CG16b, DDM03, DWL08, DDV+02, Dia84, DP+15, ED07b, EHH+13, FPC+16, FMH16, FR00, GI18, HWU+19, HSC+05, HAO+10, HGB+10, HSvK18, HTSFP09, JNX+08, KH19, KOB+08, KCA+16, LD03, LCDW16, MWS+10, Mklk82, MPWC13, MLK+13, MHL08,
ARGOSI [ADS90, SGM93]. ARGOST [Ano91b].
Arithmetic [KHK09, dFSV03, NG92, dS96]. Arm [NVH13].
Arm-Muscle [NVH13]. Arousal [KKL16a]. Arrangement [GS09, IMIM08].
Arrangements [CML12, EDM08, ELS08, IMIM08, MMP16, YM09, ZCOAM14].
Arranging [YH13]. Array [TP88]. Arrays [BTS17b, FKR13, HGO18, PSHZ15].
Art [AHG19, AMA16, Bar05, BBT11, BFR17, BHP15, BCMP18, BIW08, BRWM18, BCD12, BDG04, BGC05, CLL15, CON08, Coo05, DFM15, EWH08, Eib99, ERT17, FW17, Fra83, GP12, GGG16a, GT18, Hec01, Kau04, KRP15, KKL16b, KPK18, KLC15, KYC18, LHC04, LCCC13, LHT17, LKG16, LGH17, LW99, MFPA15, MFS08, ME08, MMS05, MKRE16, NMG11, NMSL19, NK16, OLG07, Pat16, PP10, PVS18, PPF11, RDGK12, RGG14, RD05, SLE17, Sal96, SRM19, SPN16, Smi85, SLKL14, Sor06, SKU08, SKUP09, Szy91b, TDS16, TKH05, Tra84, TAEE15, UWP06, VCD16, VBB06, WMG09, WWS15, YM09, YIC12, ZTG18, ZSG18, ZJL15, vLKS11, PDC19].
Art-photographic [SLKL14].
arterie [KGGP18]. Arteries [DHS13]. Artery [GOH10, GHB17, KPG16]. Articles [CKH19, KvLB14].
Articulated [CZ08, DGV08, GOT07, GHK10, JLW10, LS09, LG13, MCH13, OM01, PG08, RT08a, RF15, TST15, WLZH17, WBM18, YLD07, YLX16, BT92].
Articulated-ICP [TST15]. Articulated-Motion-Aware [WLZH17].
articulation [TSK14]. Artifacts [GL10b, TMHD12, VCL11]. Artificial [Ter02, TMT86, dSNV07, GK10, RSC01]. ArtiSketch [LG13]. Artist [MAA09, RSC01]. Artist-directable [MAA09]. Artist-Directed [RSC01]. Artistic [CZZW12, EWH08, KPD10, KSL08, KS10, LCC13, OKP08, SPN16, SE02a, SE02b]. Artistically [CS16]. arts [CFM03].
As-Conformal-As-Possible [YMYK14]. As-Killing-As-Possible [SBCBG11b]. As-Rigid-As-Possible [WCX13]. As-Similar-As-Possible [CG16b]. ASCII [MFPA15]. Aspects [Ric87c]. Aspheric [JKL16].
Assemblage [GD12]. Assembly [Ano95r, Ano97-30, Ano04b, MRS18, NJGW15, TWT16, XXM13, Ano05b, Ano06b, Ano07g, Ano08d, Ano09c, Ano10a, Ano11c, Ano12d, Ano13f].
Assess [SSM12, BHT19]. Assessing [KH18]. Assessment [BCB16, FAFM19, GMSK09, KPG16, Lav11, LLX11, MTM12, RWS10, RPSF15, vPLG14, Cla92]. assets [LN17]. Assignment [KYKL14].
Assisted [BAAR14, BVLBS11, CSI09, KWC12, LDGN15, MMF10, JHT14, ZWJ19].
Association [Ano84a, Ano92, Ano93, Ano96l, Ano96s, Ano97o, Ano04g, Ano05e, Ano06e, Ano07l, Ano10c, Ano11e, Ano12f, Ano13i, GSHM10].
Associative [KRD15]. Astrolabes [Zot08]. Astronomical [WLM13].
Atmospheric [AHG19, BN08b, Wil87b]. Atomic [LBH12a]. Atomistic [FKE13]. Attention [HBO10, KHW13, LCSL18, WWV17]. Attention-Guiding [KHW13]. Attenuators [BKB12]. Attractors [YMM10]. Attention-Guiding [KHW13]. Attenuators [BKB12]. Attractors [YMM10]. Attribute [BHMT13, CDA14, DKB16, Gos89, MFL13, SJH08, SSGM17]. Attribute-Based [CDA14]. Attribute-preserving [SSGM17]. Attribute-Specific [SJH08]. Audio [GVS15, DPT08]. Audiovisual [DDH18]. Audition [NT95]. Auditor [Ano95e, Ano97h, Ano08a]. Auditors [Ano04g, Ano05e, Ano06e, Ano07l, Ano10c, Ano11e, Ano12f, Ano13i]. Auditory [HHD12]. Augmentation [BBIG17]. Augmented [AKB95, BAAR13, BBCW10, BES00, BWRT96, EWK13, HVM08, KAS19, LE13, MS10b, MJK11, OKG10, PHE11, SSG10, SYC10, SG97, WCB95, XZP13, HM15, MG96, MC02, YLD18]. Augmenting [KMN08, NW13, WBAI19]. August [Ano97-29, Ano97-32, BH96, CSLG10, Che06, DL04, IC11, Kil85, LLR04, LLD05, LLRD07, Req86, th83a, Rob87]. August-2 [th83a]. Aura [JKL18]. Ausgraph [HD86]. AUSGRAPH’90 [Mae90]. Australian [Mae90]. Austria [CG07a, Des06, HK94, HB91, Pur07]. Authentication [XYL09]. Author [Ano98m, Ano04h, Ano05f, Ano06f, LTC18]. Authoring [GPGB11, GPG16, HBDP17, RJT18, SH14a, WPHC16]. Authorship [SRG16]. Auto [GBAL09]. Autocorrelation [AKM16]. autoencoder [LLN14, MMNG17, vdKdJP19]. Automatic [LLN14, MMNG17, vdKdJP19]. Autonomous [BBT99, ELPH19, PO02, RL84]. Autonomy [Col05]. Autostereoscopic [EBA09, CHA14]. AutoStyle [LCUR14]. Avalanches [CEG18]. Avatars [VSC01]. AVOCADO [SLSG16]. Avoidance [BP17, Neb00]. Awake [CWGvW19]. Award [Ano95s, Ano15a, Bot07, Bru11, Can11, Dre07, Duc06b, Duc07, Eis11, Kau07, JW01]. Awards [Ano05g, Ano97v]. Aware [BPFG11, BFR17, CSD11, CG19, CLLC15, CK13, CC00, CWM09, CBSS17, DSWH17, DGE09, GDML13, GRE11, GPR15, HSNCY13, HK09c, JWS12, JJK18, JWL13, KLG16, KLY16, KWW14, LBG16, LGH13, LAA08, LJJX15, LWS16, LMHH14, LMLF15, MS12, MPP13, MDWK08, NKB14, PTP15, PTA11, SLA15, SRWS10, TOZ11, TWT16, Tok15a, TMH11, WJDZ14, WTL15, WLZH17, WSLG07, YSL08, ZJST19, ZHM08, ZOA18, ZDJ16, CLE07, DCNP14, JKL16, KKD17, KDCM14, LM10, LZSCO09,
LFA$^+$15, PSP$^+$14, SP13, YCLE09, YWM15, YCL$^+$17, CACB18. **Awareness** [LTC18, MbMYR15]. **Axes** [KOB$^+$08, RSSL17]. **Axis** [BTG95, HCGW14, LKF12, PWS12, TLRB18, WYKR17, YGY18]. **Axis-Aligned** [PWS12, TLRB18, WYKR17].

**B** [DF90, FS91, GM06, GBS99, HQH15, JIWL0, KS92, JD06, PS95, PS96a, RC18, VAV97, VMG09, YP95]. **B-Mesh** [JLW10]. **B-Spline** [DF90, FS91, GM06, JD06, RC18, YP95]. **B-Splines** [GBS99, HQH15, PS95, PS96a, VAV97, VMG09]. **B2** [KFK94]. **B2-splines** [KFK94]. **B2-splines/S-splines** [KFK94].

**Back** [BES00, GLG$^+$16]. **Back-Projection** [BES00]. **Background** [LL05].

**Backward** [DBK11]. **Bag** [LBBC14]. **Bag-of-features** [LBBC14].

**Baking** [KBS11a]. **Balance** [TyS00, dSNV$^+$17, HNJ$^+$14]. **Balancing** [MB99, SHQL18, WGS04].

**Ballet** [Ano19a]. **Ballistic** [RAP08]. **Balloons** [STBG12]. **Balls** [CD10, CDSS14, LAM09b, LK13]. **Ballyhoo** [Mur85].

**Bamboo** [NKSI16]. **Bamboo-Copters** [NKSI16].

**Band** [DBLW15, FAW$^+$16, SWT$^+$18]. **Band-Limited** [DBLW15]. **Bandlimiting** [YB18].

**Bar** [HSBW13, SHK15, WPHC16]. **Barcelona** [Gob95, Jan91].

**Barnsley** [Jon90]. **Barycentric**

**CG16a, LS08a, RLF09, RUS10, WBCG09a, WBCGH11**. **Bas** [JSLW14, ZZWC16]. **Bas-Relief** [JSLW14, ZZWC16]. **Base** [DSC09b, JIWL0]. **Baseball** [ODS18]. **Based** [ASL$^+$19, AMTMH12, AIAT12, ATOL7, ABC$^+$04, ABB$^+$07, Ara94, AWCO10, AVBC16, BDA$^+$17, BS10, BJ09, BB09, BEJM15, BKY$^+$16, BB00a, BDF$^+$14, BF15, BMO$^+$14, BHF15, BOK11, BHH13, BSK$^+$17, BFG$^+$17, BCD$^+$12, BPMG04, BK03c, BK03d, BPGW07, BlvB11, BB12b, BHH10b, BMS$^+$10, CG16a, CYC15, CS00, CC14, CDA$^+$14, CSD11, CTS003a, CTS003b, Che06, CZZ$^+$18, CCTL12, CDS16, C290, CDPS10, DGP17, DKL10, D02a, Dav07, DMP07, DLGY12, DO00, DG95, DJZ$^+$09, DFY14, DKS98, EP09, EKM01, ESK03a, ESK03b, FCH$^+$06, Fwps11, FP04, FL06, Fau06, FV14, FCOL00, FW17, FML06, FP15, FE17, FB11, GMY97, GHH01, GD10, GMM$^+$12, Gol85, GTB$^+$13, GPRS14, GCL$^+$06, GBP05, HK09a, HENSYS16, HS04, HFM10, HMT113, H14b, H102, HFE13, HE94, HMB08, HL03c, HL18, HL02, HWF$^+$17, HCG08, HM86]. **Based** [HHC$^+$13, HJ99, IGAJG15, IP99, IEH$^+$14, IMAW15, JL17, JZYP18, KMN$^+$05, KZ08, KLMK19, KFG09, Kei04, KIS18, KTO11, KWS$^+$15, KB04, KMT03a, KMT03b, LIDW94, LB06, LG96, LDW$^+$10, LS0a, LBK14, LHD$^+$04, LAS$^+$11, LLS19, L102, LFGG08, L17, LCP$^+$12, LL06, LTKD15, LMPD15, LFS$^+$15, LG95, LLB$^+$10, LVW$^+$15, LS15, LCM$^+$18, MCH94, MWN$^+$17, MPT98, MG11b, ML03, MLP$^+$10, MDB14, ME98, Men95, MVB$^+$17, MMD16, Mil88b, Mil88a, MRS12, MSK06, MEG11, MWW12, NBJ18a, NNN11, NAB86, NMI$^+$06, NE00, NMP98, NLED08, NKB14, NC16, OS08, OW91, ÖKB10, PA06, PDJ14, PB11, PSF04, PL94, PJ94, PW17, PP10, PPF$^+$11, PNVS17, PTB$^+$03a, PTB$^+$03b, PBP96, QCW$^+$18,
RCB+17a, Rey86, RBMS17, RPLH11, RA94, RHL12, RGTC98, RÖM+15, RPPD17, RF15, RMS+08, SWPL08, SOC19, SSS02. Based

[SS008, Sch94b, SD10a, Sch00, SLS04, SSCO09, SL08, SAG+13, SK17, SHP+19, SEA08, SS96b, SLCZ09, SOG09, SMG10, SJT+19, SKCA01, TYK+09, TPSH14a, TGM12, TE10, TTB12, TE18, TDDD18, TRSKK08, UWP06, UGB+04, VPLL08, VSD09, VW08, VCL+11, VS10, WBP98, WM09, WL10, WZL+12, WHB+13, WMB15, WLL+17, WESW17, WW07, Wei04, WLM13, WR05, WT09, WDK+13, WTL13, WWD15, XWL+15, XMM+13, XZP+13, XTLP02, XGL+07, XY09, XWY+15, XWT+08, YYL+16, YWB03, YWC+10, YZL17, YBK+12, YN00, YSY94, YWTY12, ŽCO97, ZPS03, ZDM+14, ZCC14, ZDT15, ZJ16, ZLW15, ZV09, ZCG09, ZCBK12, dHvPJV14, vFG11, vTKP11, AASB19, ARHCO12, AFHdL14, ARB+18, AH11, BBK+19, BJCO03a, BJCO03b, BLY+11, BBB+18, BWH+11, BHS+17, BWPP04, BP19, BS03a, BN08a, CHH+19, CD18, CLH+08, CT92, CLHL08]. Based

[CLT+08, CAS+19, CYJ02, CIP14, DCOM00, DTS08, DWR10, DZC19, Den03a, DKWB18, DSW09, DMS14, DSB+11, DM29, DHI+15, DMCN+17, Dut04, EBCS99, EPAS11, FFD93, FH18, FLJ+14, FLW00, GA96, GHK+10, GJ02, GGM12, GCS18, GKS00, Got03, GGD06, GBK04, GCTY+14, GCCP18, GTB14, HWA+10, HNJ+14, HLH+16a, HKMS08, HNB02, HGA+10, HHK18, IMIM08, IY10, IYS+13, IKO1b, IU10, JAC85, JTRIS12, JC10, JZF+09, JKK+18, KMTT92, KSN08, KMS+13, KMA15, KM96, KJC+09, hKL00, KS10, KYKL14, KK18, KO19, KSS09a, KSK97b, KMM+18, KTW+13, KB12, LL00, LNS05, LMM10, LVP18, LLY09, LCCC13, LOI+18, LMS04, LTH08, LF15, LCB+18, LEE17, Lie17, LLM+17, LYP+08, LG15, LCM19, LFA+15, LW+15, MG96, MW11, MF0S08, MH13, MMS07, MRS08, MRS18, Mw06, MKRE16, NGM14, NB15, OJS+11, OOO5, ŽOGG09]. Based

[PSPM12, PJJ+11, PEP+11a, PC12, RKR+16, RZL08, RZS10, RLHG15, RJT18, RCM+01, RRM18, RBDD18, RSK10, RSK13, SSKB15, SCN+16, She03, SL18, SVG+08, SSS08, S09b, Sch11, SS09, SX+11, SGG15, STP17, Szy11, TZF04, TO97, TTN+13, TWT+16, TWC+16, TPS09, TSK14, TWJ06, VVC+11, VB00, VMH+13, WZC+11, WFZ+15, WMT18, WLS13, WGS10, WSE04, WHCO08, WS09a, WBCG09b, WT11, WK04, WFFL18, XGW+13, XX1, ZLX+10, YK92, YGL09, YCL+17, YK06, YBS07, YW08, YZ02, ZQ08, ZLKW13, ZLCK98, vDHO16, CSLG10, RGG+14, TDF+15]. Bases

[FS08, HA17, HSO8, MKB+08, KBB+13]. Basic

[Arn08, DJ18, STH8, Bar92, KP11]. Basis

[BK05b, DKN+95, IYS+13, JBL+06, LP+04, MG11, MKB+08, RSC01, SMG10, VS09, WSO6, DRBR09]. Batch

[SS95]. Bached

[CGG+03b, GMC+06, GG+03a]. Bayesian

[BB17, BBL+09, DRA10, JWB+06, WYD+13]. BCC

[VRG14]. BDAM

[CGG+03a, CGG+03b, GMC+06]. Be

[GTK+12, Hec01, KP15, KSB12, beacon]. BMG09]. Beam

[DB11, HJC13, JZJ08b, LKY+11, NNDJ12, SDS+16]. Beauty
before [SMJ17]. Behavior
[LBK14, PP05, Ros13, UT02, WH17a, vdCAvW14]. Behaviors
[CKH19, HRD+15, Bad93, LJK+12, SG04]. Behaviour
[AVF04, LD04, RPA+15, SEASM09, SG04, VAW+10, WLZ13, ZCT18].
Behaviours [CKH19, MCT01, ZV09, TD00]. Behaviours [LCM+18].
Beijing [van89b]. Belgium [LMD04, BP83b]. Beltrami
[CLB+09, HP11, NBH18b, PPH+13, QCW+18, ZLW15]. Benchmark
[MDBS14]. Bending [BW07, WLZ13, ZLW+16, ZR13]. BendyLights
[DH16, DF85, Gro01, Gue82, SJ09a]. Between
[BMWM01, EL01, FG04, GST16, HHS01, KFA+14, OBCCG13, SNB+12,
VVE+10, DMYN08, EBC17, EHA+19, HMRSK92, JKL18, KGL+98, NHH97,
PCBL16, PB90, RK02, RSS96, SBC16, SZ18, TMRL14, VM12, ZHC+00].
BetweenIT [WNS+10]. Beyond [Cas12, Gos86, HHD03a, HHD03b,
KASH13, KBKS09, Saw07, SD94a, SKMS06, YNBH09].
Bézier
[BV96, BV99, He95, NN94, RK94, RGTC98, RDG01, SS15a, VSK16].
Bi [GS17, Hua17, ZSW+10b, KP11, KP15]. Bi-cell [LCM+18]. Bi-cubic
[KP11, KP15]. Bi-Directional [Hua17]. Bi-Layer [GS17]. Bias
[ENSD12, GUS12]. Bi-cellular
[ZSW+10b]. Bi-cubic
[KP11, KP15]. Bi-Directional
[Hua17]. Bi-Layer
[GS17]. Bias
[ENSD12, GUS12]. Biases [HF16]. Bibliography
[How89, Owe86, Owe88, Owe89b, Owe92a, Owe92b, Owe93, Owe95].
Bidirectional
[HFM10, JA18, LZ10, MMS+05, NB15, PBPP11, PRDD15, RNM05, RSK13,
SKZ13, SRK13, SBLD03, SvLD03, WA09, XWT+09, ZBA+07]. Bifurcation
[MBES16, Pic87]. Big [LJH13]. Biharmonic
[HQR15, Rus11, WPG12]. Bijective
[SHF13]. Bilateral
[BCCS12, IYS+13, LWS+16, YBY10, vKZH13]. Bilinear
[MS14]. Billboard
[WWG07, BCF+05]. Billboards
[DN09, GHK+10]. Bimodal
[DDH+18]. Binary
[BBDA10, CCLN10, CWA+08, JD00, JD01, LLHY09, SPSK13]. Binding
[MA85, Ric87c, SD00, Bak91a]. bindings [Spa85]. Binocular
[ZHLW18, DMR+14]. Biography
[Owe87]. Biological
[BLS+11, DTS+14, DK98, FST13, GKPL11, HVH+16, HPV+16,
KRS+13, LDB11, LMP13, LMS+16, LBH12a, Pic86a, SCD+16]. Biologically
[LWPL15, SH02]. Biologically-Inspired
[LWPL15]. Biologically-Parameterized
[SH02]. Biology
[Dia84, MMHL08]. Biomechanically
[hZCK98, hZCK98]. Biomechanically-based
[hZCK98]. Biomechanics
[Co15]. Biomedical
[BHRD+15, BJG+15, JNM+09, KKL+16b, NGB+09, PBC+16, PKE15, RVH+15,
RGM85, SLSG16, YCLE09, LPSV14, ZH14, dHvP14, vPGL+14, vdCAvW14]. Biomolecular
[KKF+17, KRS+13, KKL+16b]. Biomorphs
[Pic86a]. Biophysically
[IGAJG15, KB04]. Biophysically-Based
[IGAJG15, KB04]. Biopsy
[HMP+12]. Biorthogonal
[HA17, RLH+18, WM09, ZQQS08]. Bipartite
[CLC+11, PFH+18]. Biped
[LK17]. Bipedal
[FvdP15]. BIPs
[RK94]. Bird’s
[KHI+19]. Bird’s-Eye
[KHI+19]. Bisector
[ZCK17]. Bit
LF97, MTR08, NKLN10, ÖKB10, PCF05, PR12, RGB⁺14, RK09b, Sch94b, SARZL10, XWZB17. **BRDFs** [ACG⁺17, FV14, GK03b, HLR⁺11, LLSS03a, LJS03b, MG09, NP00, NKF09, SSGM17, SVLD03, VF16, XS06, XWZB17]. **Breadth** [GL10a]. **Breadth-First** [GL10a]. **Breakdown** [HGH⁺11]. **Bresenham** [Kuz95, Ska87]. **Brick** [KLC⁺15]. **Bridge** [WDC⁺10]. **Bridging** [YKS⁺19]. **Bright** [DMHS08]. **Brightness** [WBEF97]. **Bringing** [Edm83]. **Brittle** [SWB01]. **Broad** [SR19]. **Broad-Phase** [SR19]. **Broadening** [Saw07]. **Breadth-First** [GL10a]. **Breakdown** [HGH⁺11]. **Bresenham** [Kuz95, Ska87]. **Brick** [KLC⁺15]. **Bridge** [WDC⁺10]. **Bridging** [YKS⁺19]. **Bright** [DMHS08]. **Brightness** [WBEF97]. **Bringing** [Edm83]. **Brittle** [SWB01]. **Broad** [SR19]. **Broad-Phase** [SR19]. **Broadening** [Saw07]. **Breadth-First** [GL10a]. **Breakdown** [HGH⁺11]. **Bresenham** [Kuz95, Ska87]. **Brick** [KLC⁺15]. **Bridge** [WDC⁺10]. **Bridging** [YKS⁺19]. **Bright** [DMHS08]. **Brightness** [WBEF97]. **Bringing** [Edm83]. **Brittle** [SWB01]. **Broad** [SR19]. **Broad-Phase** [SR19]. **Broadening** [Saw07].
Call [Ano95n, Ano95], [Ano95m, Ano95k, Ano96g, Ano98v, Ano98b, Ano98c, Ano98h, Ano98i, Ano98f, Ano97y, Ano97e, Ano97g].
Calligraphic [XJJ+08]. Calligraphy [XWG+13]. CAM [KH96, RGM85].
CAMA [TWT+16]. Cambial [KSG+15]. Cambridge [Arn91, Cre88].
Camera [BCS96, BIWG08, BTV+17b, CN05, CON08, DJZ+09, ESKT15, FCOLO00, GL10b, GCW15, GHS01, JL98, KAF+17, LLLC16, LLB+10, MPS05, PSHZ+15, SM11, SDHL11, WH04, WYD+13, ZZ17, MG96].
Cameraman [JJL98]. Cameras [CSC+18, KBKL10, LTX+14, MRT08, XXY+18, ZSG+18, KB+14].
Camouflage [DJM12]. CAMP [Joo86]. Can [KP15, KSBC12, Ros97, Šar07].
Candle [BCRA12]. Canonical [EGKT08]. Canvas [ZLDM16]. Capabilities [Sco02, SD00]. Capability [Bel87, Ben94].
Caps [UG18]. Capstone [Gro11]. Capture [AVR10, ACOHS18, BKL10, LTX+14, MRT08, XXY+18, ZSG+18, KB+14].
Captured [AA09, CTL13, CZ09, KZB19, PK+19]. Capturing [CLHL08, DWL+10, HS99, HFM16, LWS+13, PSCN10, SGMG17, WJG+16].
Car [GC09, MJK11, RMS+18, OYSO92]. Carbon [RPK+12]. Cardiac [KPG+16, KBvP+17, KGGP18].
Casting [FQK08, HSS+05, KZ08, KSN08, KWN+14, LA05, RS08, XYM13]. Categorical [BTB13]. Categorization [RTN03a, RTN03b]. Category [hKTL+17]. Category-Specific [hKTL+17]. Catmull [BHU10b, Cas12, CLT+08, Csö18]. Causal [BHR17, BY08]. Causality [YP'19]. Caustic [BAJ08, GPGSK18, WN09]. Caustics [FSES14, GRR+16, IDN03a, IDN03b, KVN07, LMSG16, PJJ+11, PPK09a, SJO9a, WS03a, WS03b, WN09]. Cave [LW99, SBG17, LW99]. Cavities [BGB+08a, KFR+11, KKL+16b, SLD+17]. CC [VCRG14]. CCD [MG96]. CCD-camera [MG96]. ceiling [Lam09a]. Cell [AW+15, AASB14, BNR501, CMK+99, FKE13, HP+U+16, KER+14, NRJ903a, NRJ903b, PKE15, PKE17, SI88, WH17a, WZL+12, WMR515, YBK+12, FR92, HDS03b, HDS03a, LCLJ10, ZSW+10b, LCD09a, MMF08].
cell-and-portal \cite{HDS03b, HDS03a}. Cell-Based \cite{WZL+12, YBK+12}.
cell-decomposition \cite{FR92}. Cell-to-Cell \cite{NRJS03a, NRJS03b}.
Cell-Visibility \cite{BNRSV01}. Cells \cite{BPWG07, HHA17, S88}. Centered
\cite{BZL+18, CKS+15, ELM+12, Enc98, EMK09, GRC13, HA17, RC18, WTLY12}.
Centrality \cite{VW08}. Centre \cite{SPT14}. Centred \cite{LW17}.
Centres \cite{HSK+10}. Centric \cite{CY14}.
Centroidal \cite{CCW12, LLW12, VC04, WHWB16}.
Centroids \cite{HHA17}.
Century \cite{Hec01}.
Cerebral \cite{GHB+17, MVB+17, NGB+09, NJB+11, NLB+13, vPGL+14}.
Certification \cite{BP82, BP83b, Gna83}.
CFD \cite{SCD05}.
CFGExplorer \cite{DI18}.
CG \cite{MH07, van89b}.
CGF \cite{Ano07h, HGH+11}.
CGForum \cite{Ano06c, Ano04c, Ano05c, Ano07b, MTPS08, SJ09b}.
CGI \cite{Ano88b, NREM14}.
CGM \cite{Duc89, BHM87, CP88, MN87, Mum89}.
Chain \cite{RKN10}.
Chains \cite{EASKC18, RL14}.
Chairs \cite{BWS05}.
Challenge \cite{tHS90, Gue82}.
Challenges \cite{BR07, BBC+05, Bry96, DAF+18, Enc98, OJMN+19, vLKS+11}.
Chamber \cite{SBG17}.
chance \cite{Bak90}.
Change \cite{BCWR08, JWL+13, SWG16}.
ChangeCatcher \cite{LTC18}.
Changes \cite{BBL12, GG15, JPK13, OVB+15, PCBS16, WKM15, CS92}.
Changing \cite{AMS09}.
Channel \cite{BRB+13, CSS+18, MZT09, FMH16}.
Channelling \cite{Kin95}.
Channels \cite{CAB+16}.
Chaos \cite{Jon90, PGR96, Pic87}.
Chaotic \cite{LRB+15}.
Chapter \cite{Ano95p, Ano97z, Duc89, Pin85}.
Character \cite{ARG+16, BV19, CKGC14, DAP08, DTTS08, ECN14, GP12, GCV+14, HK09b, HSK14, HLL16, ITY109, ISYM15, JL08, KL14, yKL08, LCMP19, LWX+15, MAA+09, OTH02, OZS08, PMG13, PG08, RAP08, RB03a, RB03b, RPPD17, SLHC12, SN106, SBC+17, TAAP+16, TGS96, ZCK17, CVCH14, CTL13, RTK+14}.
Character-Object \cite{ZCK17}.
Characteristic \cite{WHT12, WDR09}.
Characteristics \cite{CCH+14, MTKO02}.
Characterization \cite{GL12, Gia18, KK08, LSS+12, RvdHD+15, SLCO19}.
Characterizing \cite{BH19}.
Characters \cite{AMYB17, ARG+16, BCB+15, BSAP11, BTST12, BCH+95, FvdP15, GOT+07, ISYM15, JKL18, KL14, KRFC09, LNS05, LWX+15, HLL16, ITY109, ISYM15, JL08, KL14, yKL08, LCMP19, LWX+15, MKR11, MMG10, MAA+09, OTH02, OZS08, PMG13, PG08, RAP08, RB03a, RB03b, RPPD17, SLHC12, SN106, SBC+17, TAAP+16, TGS96, ZCK17, CVCH14, CTL13, RTK+14}.
Charge \cite{KFM+19}.
Charles \cite{AO06}. Chart
\cite{CEX+18, CP10, PH17, WPHC16, XBL+18}.
Charts \cite{CAB+16, Coe83, HSBI13, JKS05, N111, SK16a, SHK15, SK16b, TPBC09, WPHC16}.
CHC \cite{MBW08, MBJ+15}.
Chebyshev \cite{FB94}.
Check \cite{LA11}.
Checking \cite{OP10}.
CheckViz \cite{LA11}.
Chemical \cite{BWH+11, BJG+15}.
chemistry \cite{CRW83}.
China \cite{SVZ95}.
Children \cite{Bur95}.
Chinese \cite{van89b}.
Chromatic \cite{GTL+18, WW09b}.
ChronoCorrelator \cite{vDvdEvW19}.
Chunks \cite{GW05}.
Ciechomski \cite{AO05}.
CIELab \cite{GMSK09}.
CIM \cite{SEI94}.
Cinematic \cite{BAAR13}.
Cinematic \cite{GLCC18, OKP+08}.
CIP \cite{KySK08}.
Circle \cite{Kuz90, MMG17}.
Circle-Drawing \cite{Kuz90}.
Circles \cite{RF96, HCL93}.
Circular \cite{BCN11, BKTS+13, LLCC15, KBT+12, WNO1, Liu93a}.
Circumgalactic [BAO+19]. Cities [CLDD09, CML+12, IMAW15, MKM12, MPBM+17, MWW12, NJGW15, PGGM09a, VKW+12, WMWG09, SKK+14b, TD00]. City [CY14, KMK12, KHI+19, LSWW11, STKD12]. Civil [GHSHN94]. Clark [BH10+16, Cas12, CLT+08]. Class [BB07, ENMGC19, KP18, SGW12, WLN+17]. City [CY14, KMK12, KHI+19, LSWW11, STKD12]. Class [Zar06]. Class [BB07, ENMGC19, KP18, SGW12, WLN+17]. Class [Zar06]. Class [BB07, ENMGC19, KP18, SGW12, WLN+17]. Class [Zar06]. Class [BB07, ENMGC19, KP18, SGW12, WLN+17]. Class [Zar06]. Class [BB07, ENMGC19, KP18, SGW12, WLN+17]. Class [Zar06]. Class [BB07, ENMGC19, KP18, SGW12, WLN+17]. Class [Zar06]. Class [BB07, ENMGC19, KP18, SGW12, WLN+17]. Class [Zar06]. Class [BB07, ENMGC19, KP18, SGW12, WLN+17]. Class [Zar06]. Class [BB07, ENMGC19, KP18, SGW12, WLN+17]. Class [Zar06]. Class [BB07, ENMGC19, KP18, SGW12, WLN+17].
Colorfields [SSSG16]. Colorimeter [GBS19]. Coloring [NPCB17, PP09b, WZL+17, RWG05]. Colorization [LT12, JCT14].

Colormap [BS98]. colormaps [EKB14]. Colors [AP10a, Ano96d, Ano98t, Ano00d, AEL+82, AGM+06, DCPS08, Den86, FPC+16, LR88, LM10, LCG10, LKSD17, LS15, MTCT84, Mur85, OW91, Wil84, WM85, WW88, Wil06b, WDK+13, XWL+15, van87]. Colour [Pat95]. Colouration [DRA10]. Colors [MSHD15, OYH18, Sch94a].

Combination [BP17, SKCA01]. Combinations [KGMM97, SNJ+14]. Combinatorial [PBPP11, SY11]. Combined [BT92, SSSK04b, WYKR17]. Combines [ARH12]. Combining [BTG95, FHL+08, GLCC18, KP18, KKTD17, RSK90, CCFM08].

Composite [BPV18, CKS+16, CG07b, GSDC17, PTO10, SHF13]. Composing [BCS96, DZC11, EKFM12, FW99, GWO+10, GTZM10, GVWD06, GCL+06, LW95, LCWCO10, RLH+17b, RWSG13, SS08, Wil06b].

Composition [CN05, EKMK01, GLGW12, LCWCO10, LMLF15, SML15, Sch00, WTTL13, dBD+92]. Composition-Aware [LMLF15]. Compound [BD08, GBD09, RMF12]. Composably [CD10]. Comprehensible [KGAC15]. Comprehensive [FHW+11, PRS15, VB99, YZL17, ZWJ+19].

Compressed [And10, Cot85, GMC+06, NVT+14, RGG+14, SBE16b, XSE14]. Compressing [VMHB14]. Compressed [AMAM13, And12, BJCO03a, CC06, CH09, CH11, DKB+16, DDPL00, DDD+02, DGGP05, DSW09, GMC+06, GPD09, GMSK09, HB96, HSS+09, HFM10, HKMS08, ILRS03a, IP99, Ise01, IK00, JBG17, JKJL18, KC06, KGR+16, LS09, LGK79, LPG10, MGS07, MPP08, MP12a, MMM06, MCHAM08, NS01, OS08, PD04, RJJW91, RK09a, SBE16a, TRS03a, TRS03b, TWC+09, VCP09, VS99, VS10, WD09, WS09a, WDR11, YN00, BHT19, CVDL16, DCV14, GGM12, ILRS03b, LCL+06, PHM+14, VB14a, VS18].

Compression-domain [GGM12]. Compressive [JCK16, LA15, MKU15, SD09, SD10b]. Computation [BPZ96, BS98, CLM09, Elb95, FQK08, Fan96, Hol15, KS11, KGM97, LCW07, MNR94, NHH97, OLG+07, Pat17, PK08, SKZ13, SLSK07, SN12, SOM04, SSSK04b, TW97b, TPBC09, Ure00, YLL+09, CD94, MVPG11, Sbe93, TW97a].

Computational [AAP09, BS12a, BRWM18, Bur95, DBS+18, DRF12, DMHS08, EMP+12, EWK+13, FO12, FHL+08, GTM+12, HKW12, Ja07, Kol08, LAA08, LLW12, MCM+12, MP12b, NSGP06, RE12, SLE17, SD09, SSCO09, She12, STGB12, TSW+19, Vel99, WW16, WILH11, YZC18, de 97, GY93, Vel93, Ano08e, Ano08f, ID10, IC11, NSGP06].

Computations [PM93].

Computer [FBW01, FAVM09, LWLD11].
[Ano98b, Ano98c, Dre07, Ano97y]. Control
[ADJ+01, BDS84, BK03a, BK03b, BV19, CON08, CZGF05, DAP08, DI18, EP09, FCH+06, FLJ+14, FS91, GLCC17, HENSY16, HL18, IP00, KPRN11, KPD10, LNS05, HK17, LTDK15, LGY15, LCC+15, MS96b, OKP+08, OM01, RCMM+16, RPPD17, ST94, SHW+18, SG03, SKC01, SKMS18, TYY+09, VVE+10, VSK16, WK12a, ZV09, dSNV+17, AFHdL14, BT92, HNJ+14, HPT89, KS92, MS96b, RTK+14, STM93, VD18]. Controllable
[AP10a, BP19, CBTB16, GMM15, HL13, KFK94, RHLH18, SWB01]. Controlled
[BW07, FL06, JWS12, KSG+15, KFA+14, ZSL+17]. Controller
[FvdP15, GCY+14, HKSK18, KSK97a, KSK97b, JW89]. Controllers
[WPP13, ZFCO+11]. Controlling
[HTH96, LDG19, YYZZ18]. Controls
[DN08, GLCC18, HL03a, HL03b]. Convergence
[Fol98, LPH+15, SMJ17]. Conversation
[EAGA+16, MH07]. Conversational
[EASKC18]. Conversations
[EASG+17, HC14]. Conversion
[BCK+12, CW99, DTTS08, DKS01, LO95, MEKM17, Rok97, SLTM08, YR97, CHA+14, Che97, VG96]. Conversions
[ˇCad08]. Converting
[WW87b]. Convex
[AGCO13, AMSF08, BG01, Dan96, Day88, Day90, EL01, GCW15, MHA17, Sug94, SN86, WB07, CD94, HRMSK92, Rap92, Skh96]. Convey
[KCH19]. Conveying
[ARM+15, BJG+15, RRS12]. ConVis
[HC14]. Convolution
[LKEP14, MS98, MESG11, SFFP15, TZF04]. Convolution-Based
[MESG11]. Convolutional
[ACA18, Blo97, hKTL+17, KG19, MBRHD18, NAM+17, RÖPG18, SHG+16, SGMG17, YYZZ18, BMM+15]. convolved
[SNRS12]. Cooperation
[LSF+11, PS10, DS11a, Des06]. Cooperative
[DGC+98, GY93, PW93, San92, ST93]. Coordinate
[KZZM12, MSK06, SWB98]. Coordinated
[BSK16, BRM+16a, HSH16, RSM+16, SS16]. Coordinates
[CGH18, DCK12, DVPSH14, FS08, GRPF16, HBW11, HK90b, HS08, JC08, KARC15, LS08a, MS10a, MKB+08, MM08, MR12, NVT+14, Nie95, PR19, RL09, Rsi10, SHF13, SKPSH13, VB14b, WLN+17, WBCG09a, WPG12, ZYO+08, ZCO+09, dGLB+14, YI10]. Copenhagen
[TB84]. COPERNICUS
[ZK08]. copper
[Lei94]. Copters
[NKSI16]. Copula
[ÖKB10]. Copula-Based
[ÖKB10]. Core
[BLD14a, Bik12, CY89, DC10, FCGW02, FK09, GG14, IABT11, KTO11, LCDW16, ORT18, SVG+08, SVS+09, ILRS03a, ILRS03b]. CoreFlow
[LKD+17]. Corner
[BdM14, SNA17]. Corners
[BW13, CSS18]. Coronary
[GOH+10, SSM12]. Corotated
[KKB18]. Corotational
[CFS14]. Correct
[AHM09, Gro16, TIS+95]. Correcting
[CWWGvW19, EPAS11]. Correction
[DBB+18, KTMN07, MZT09, TRSKK08, UB14, WLY+13, XW19, MMTH09]. Corrective
[HMY01]. Correctness
[OP10]. Correlated
[SJWS13, SSSK04b, VR12]. CorrelatedMultiples
[LHNS16]. Correlation
[AWCO10, CAM08a, GHX+17, KWS+15, LWS18, MZT09, NAS07, PPH12, PW12, RB10, SBLC17]. Correlation-Based
[AWCO10, KWS+15]. Correlations
[FKRW16, FSTR13, RÖG17, ST18, SÖA+19]. Correspondence
[ATCO+10, BS12b, COC15, EHA+19, GSTOG16,}
KBvP+17, KGGP18, KQWM08, LT17, Lav11, LCSL18, LGMT00, LJN02, LVT08, LOM+18, LJB+12, LDGN15, LWL+16a, LWS18, LGK16, LCM+09, LAFT12, LTX+14, LEM+17, LN17, LCWK07, MHS+14, MGY+18, MCHW18, MBES16, MFT02, MSM+08, MGG10b, MBMYR15, MK99, MDC93, MB08, MCG+19, MKP+16, MPWC13, MEKM17, MGA95, NWHWD16, NW17, NK99, NCKG00, NRM+12, NRP11, NREM14, NMOT01, NBHN17, O’H02, OM13, OW19, OPC96, ORT18, O’GHT10, PBMG15, PSCC18, PB11, PCX+18, PW12, PPBT12, PP89, PEP+11b, PEPM12, PGK10, POG13, PGG+09, PBC+16, Pri85].

D [RXX+17, Ric87a, RI17, Rob93, RCM+01, RWP88, RAMG15, RGG18, RL09, Ros97, RBY19, RLYL14, SLB+18, Sab82, SW10, SY14a, SYM10, Sam93a, SW09, Sär07, SSB08, Sch11, Sco02, SK16a, STKD12, SXY+11, SLSK07, SN12, SK17, SW92b, SGS14, Sni95, STC+16, SB99b, SP03a, SFWS03a, SP03b, SFWS03b, SS95, SSB05, SSS+12, SOM04, STP17, SJW+11, SJWS13, SBL12, TDS+16, TWS+11, TSW+19, TL01, The02a, TRS03a, TRS03b, TTTW90, TTB12, TBTB12, TW97b, TVD09, TWSM17, TSH01, TGS96, VPL08, VCF95, VG+14b, Vel93, VW95, VB99, WH17a, WGG14, WWH+17, WLT+18, WBAI9, WLG07, Wat96, WMMG09, WTHS04, WTHS06, WGS10, WO92, WSSC11, WOBTO9, WXW18, WLSG03, XXL14, XSS+15, XSQ13, XS+14, XX+18, YFW12, YLLL15, YDS8, YHL+16, YL11]. D [ZHC+00, ZPS03, ZZH15, ZZWC16, ZL05, ZFG+17, ZRLS19, ZKG16, ZWHK16, ZTG+18, ZSG+18, ZJC13, dGCSAD11, dHvPJV14, van90, vPJJHRV12, vJB85, vMRBPM17]. D-Charts [JKS05]. D-clip [Hub93]. D-Printing [KFW19]. D-Reconstruction [BB00a]. Dallas [Rob87]. Dancing [SN106]. Dancing-to-Music [SN106]. Darmstadt [Enc81, BP82, tHS90]. Dart [CJW+09]. DaScript3D [Sam93a]. Dashboard [MSFM16]. Dashcam [CCC+14]. Data [AKMM11, ARH12, AS96b, AKF+14, AAS+16, AGD08, AECOK16, BDA+17, BMH+12, BLY+11, BWH+11, BSW+14, BHR+19, BSY+19, BB91, Bik12, BCTG95, BKR+17, BBB11, BBL12, BvLS11, BTB13, BBS+09, CCS95, CS99a, Cal96, CGT+15, CGM19, CKGC14, CC14, CLJ+15, CWL+15, CJC+09, CYJ+12, CNK13, CWM19, CMS94, CDS16, CMF18, CKE+12, Col93, CMT05, CKS+16, CR16b, CP09, DAP08, DKG15, DAF+18, DTA94, DMC94, DRM19, DH16, DPD+15, DMSL11, DKK00, DBS+11, Duc14, EAGA+16, EGG+15, EIKM16, EHH+13, ECN14, FR11, FDL14, FL19, FK09, FMH16, Fro04, FH09, GBU00, GLHH13, GCLX17, GLK18, GSGC08, GHB+17, GCP+12, GKPL11, GMDW09, GLW06, GBG04, GRPF16, GLJ+09, GPD09, GSW12, HENSY16, HKD+08, HSK+10, HJM+11, HVH+16, HWC+05, HSNCY13, HSH16, HPvU+16, HV08, HV10, HPH10, HLJ+13, HJS+17, IP99, IS15]. Data [JBB+08, JBL+06, JNM+09, JC08, JC94, JL08, KW04, KZB19, KZ08, KCMJ16, KFH10, KKS+12, KK07, KIH+09, KH18, Kle06, KMBE12, KCA+16, KSS97, KPG+16, KBvP+17, KVD+10, KFR+11, KHI+19, KTW+13, KZZM12,
LPK09, LF97, LDB11, LSBP18, LMS+16, LKZ+15, LT16, LOM+18, LSS+12, LCB+18, LG+18a, LFK+13, LFS+15, LHJ13, LWBP14, LWT+15, LBJ+16, LCDM16, LL09, LGW18, MK11, MG87, Mar95, MHK+19, McCS83, MRL+17, MKP+16, MKSS12, MBT+12, MLD+18, MKO+08, MH00, MSK06, NNN11, NGB+09, NJB+11, NCKG00, NS01, NKP93, NVG19, OJM+19, OGW19, POS+11a, PSM12, PC94, PLL11, PEP+11a, PVS+18, PHL+16, PS95, PS96a, PSC10, PD04, PEP+11b, PEPM12, PDW+14, PSK09, PSZ+09, Pos11b, PKRJ10, PB+16, RW18, RX+17, RSTK08, RT+14, RLD16, RRRP08, RPLH11, RNV07, RPM013, RSY17, RSK12, RSS96, SSW14a].

Data
[SSKB13, SB99a, SML15, SCD+16, SHLS02, SBG17, SPB+17, STM12, SA15, SY12b, SHW+18, SV10, SAAF18, SNLH09, SK16b, SV16, SBS+17, SWG16, SGG15, SGG16, SLSG16, SRS+19, SSS+12, SW04b, SSG16, TIS+05, TFA+11, TW+16, TLFC16, TC10, TPBC09, TPRH11, VHB08, VSG+13, VB14a, VF14, VM12, WHC15, WDM+12, WYZC13, WXR+16, WLL+17, WLN+17, WBA19, WG11, WBS+13, WPH+11, WGO+14, WCH+15, XEH14, XHK17, YWS+14, YKS+19, YNM+13, YLRC10, ZFAQ13, ZFA+16, ZLW+16, ZAM+16, ZM16, ZCW+19, ZP17, vDHP016, vGPB17, vEtnW13, vLCV16, vLZD11, BHT19, CFG16, Cot85, DKG94a, FT93, Jon96, JR08, KGP18, MK08, MM93, NN14, RK10].

Data-Dependent [SW04b]. Data-Driven [CKGC14, CC14, CMT05, ECN14, GL17, GCZ+12, HSmCY13, IS15, MKH+19, MBT+12, PSZ+09, RXX+17, RSY17, RSK12, RSS96, SSW14a].

Data-Faithful [KK07]. Data-guided [HENfSYS16]. Data-Parallel [MKSS12]. Database
[LDGN15, AO11, SK17]. Database-Assisted [LDGN15]. Databases
[BB91, MHHH15, SDB99, FT93]. Dataflow [VOS+10]. Dataset [BGK96].
Datasets
[AHG+19, HPvU+16, LC99, ZC18]. Data [DCPS08]. Daylight
[QNTN03a, QNTN03b, ZPB99]. Dead [COS95]. Dead-Zones [COS95]. Deblurring
[AB99, BC11a, CCT12, EBC17, MCG12]. Debugging
[HSH16]. Decadal [KBL19]. Decades [MLP+10]. Decals [dGW+14].
Decay [KB11]. December [Due86, tHS90]. Decimation [SL15].
Decision
[BMP12, CCH+14, CMS+17, KMJE12, LPC+12, WKS+14, WSK+19, MK08]. Decision-Making
[WSK+19]. Decorative
[BB91, DH93a]. Decoding [DSW09]. Decolorization [YYL15].

Decomposing [IRWM17, KG18, SN86]. Decomposition
[AGCO13, BOK11, BMB15b, CG19, DSH+17, DJM12, EL01, ERHH11, Got94, GFW+06, HWAG09, HYH+14, JTRS12, KE97, LJKL17, LV18, MP12a, NKL10, RK99a, SSW14a, STK02, SJF11, TLRB18, WLZH17, YL11, ZT10, ZRJ+15, FR92]. Decompositions
[BKP17, Zyy11]. Decompression
[CC06, GMC+06, JBG17, KCL06, MKSS12, OBGB11, ILRS03a, ILRS03b].
Deconstructed
[SCM+19]. Decorative [STG16]. Decoupled
[AW00, GTG17, WWT+16, ZM16]. Dedicated [FBT99, NT87, TD00].
Deep [ASL+19, APH+12, BM16, CWGvW19, EIKM16, ESKBC17, Fre18, HGO18, HMP+12, KR19, hKTL+17, KKK18, KSP+18, KAT+19, KKR18, LSV18, LGK16, LPSB18, MBRHD18, NAM+17, VAN+19, XHW+18, YK08, ZLZ+18, HKM15, NW17]. deep-learned [HKM15]. DeepGarment [DD¨O+17]. DeepProp [EIKM16]. Defect [CK11a]. Defect-Tolerant [CK11a]. Defects [AAS+16]. Deferred [AMT02, ENSB13, GBP04, SBF15, TBP18, WN09]. Define [MG87]. Defined [PA06, RHv95, dD85, BR96]. Defining [BP82, RSS96]. Definite [KASH13]. Definition [DDtR94, Ste85, WM85, WW87b]. Deflection [MG95]. Defocus [BD07, JKL13, KSP+18, MPCG12, MTAM12, MVH+14, WWT+16]. Deformable [AWO+10, BCh+95, BvTH16, BNC96, C09, CKHL11, FMD+19, GVv05, GKK06, GW05, HK16, HE01, JZYP18, KKB16, KZ05, LPH+15, MMO16, NDK+06, OTSG09, PKS10, PB11, RBC14, SP97, SKR+14, SE04, STK08, SSB13, SCF10, TKH+05, TG98, Vas97, WC14, WDGT01, WWD15, YGY18, BMM+15]. Deformation [AB97, BD12, BPWG07, BBP09, CRy11, CLME09, CWW07, CGS16, EP09, GOT+07, GSZ11, GSDC17, HK16, xHMC09, HYZ+14, ITYI99, ISYM15, JWS12, JZW14, KKB16, KS14, KFG09, KSO10, KWW+14, LJK+12, LCC10b, LC09, MS11b, MBI+12, MWW16, ON05, PWS12, PGM09b, PZL+09, RL06, RIKS17, SH07, SKNS15, SK17, SBCBG11b, SVWG12, UBR14, VRBC17, WK12a, WSLG07, WBCG09a, WBG07, WDH10, WWH+14, YLH014, YBS07, ZRKS05, ZSCO+08, ZXTD10, hZC98, RRS12, TAAP+16]. Deformation-Driven [ZSCO+08]. Deformations [BiA06, BPWG07, EP09, FSTR13, FB11, HCW17, HAWG08, KBS00, Lov06, Mai00, MVH+13, OHHK09, OTSG09, PPB96, SBO18, SHF13, SKPS13, TPS09, WSB20, WRS01, YK06, YBS07, KMTT92]. Deformed [PTW13, SLHC12]. Deforming [AKP+05, ATBG08, AW13, C08, CCT+07, GB10, HAWG08, LLG97, LSP08, SG08, SWG08, ZSCO+08, CH12]. Degenerate [CFS14]. Deghosting [TAEE15, TAE16]. Degradation [DO00, HM15]. Degree [GM06, SS15a, QSW92, SHD16]. Delaunay [BB09, CCW12, CPM93, DLS10, DLS11b, GKS00, NMOT01, SSE+14, ZSW+10b, dCTAD09]. Delay [WBFvL17]. Delta [DM92]. Demand [SG96a, GLX+16]. Demand-Driven [SG96a]. Demographic [vvT84]. Demonstration [SE19, Duc89]. Demosaicing [HGO18]. Dendritic [JNX+08, RHLH18]. Denmark [TB84]. Denoising [BRM+16b, BB17, EBC17, HDB11, KS13a, LZF08, MC17, MJL+13, MVH+14, RDK13, RMZ13, VAN+19, WZCF15, ZWY+13]. Dense [DCPS08, DRW15, LDH+04, MCG06, RR00, SY11, ZLZ+18, CSFP12, WDH17]. DenseCut [CPZ+15]. Densely [CPZ+15, COtF098]. Density [DWR10, ERA+16, EHT18, EBV05, FM15, GUS12, HKD+08, HGNH17, HET12, LH11, LGW18, R0G17, WZL+12, BLS93]. Density-based [DWR10]. Dental [SG08]. Dependency [DG12]. Dependency-Free [DG12]. Dependent [BPKB14, CKB04, DKW94b, ED07a, ESY99, ESC00,
KLAB15, LMW+19, LPH+15, LLC+15, OLA16, PKS10, PCB16, PG95, RKC02, RBC14, SCN+16, SVG+08, SWK07, SR19, SAD+16, SL+17, SGS14, SMB+14, SOM04, SJWS13, TKH+05, TPBC09, VCC98, VBP+09, VMTS10, VT94, WTTM15, WTTM18, WB01, WDZ17, WLML99, WC14, WP04, YM+17, YM09, ZY02, ZDM+14, ZVE+14, ZM+14, ZVE+14, ZPM+14]. Detector [CWL+15]. Determination [JD98, KGL+98, SZG93]. Determining [BBMR88, OM+13, SN84]. Deterministic [AGR19, SKS09, BPZ96]. Develop [SJL15]. Developable [BW07, JKS05, SVWG12, TPBC09]. Developing [BB07, GKLS19, KJC+09, PCR89, WT93]. Development [KM83, LTC18, NM91, OIST91, Sab82, VPLL08, BFTL82, CTW92, EFGS96]. Developments [Bou88, Bro90, LD03, de 97, CRW83]. Device [ADJ+01, BP82, HR85, van90]. Devices [BCF94, Dvt90, FR00, KKTD17, LD03, RKR+16, UMM+10, vt87]. Dexterous [BYL16]. Dialogue [Gre84, MSWK02, St88]. Diamond [WD09, WD11]. Dichromats [MO10]. Dick [Wil06a]. Dictionary [LOM+18]. Dictionary-based [LOM+18]. Diego [SCA04]. Dietrich [Ano07b]. Difference [BG09, GG15, GMSK09, HCO18, NMP98]. Differences [PSCC18, ZK09, Rap92]. Different [AMYB17, ARM+15, BMWM01, CCH+14, HV10, MBDC15, OZS08, SC84, SSM12, PCBL16, RAmB+19]. Differential [BM16, BHU10b, CDS10, Des04, FSE14, JTSZ10, MS10a, Rus10, Sor6, VVP+16, YI10, Gui92]. Differentials [CCSLT09, CLF+03a, CLF+03b, CLB+09, EBR+14, LSW09]. Difficulty [ZDJ16]. Diffraction [DTS+14, SLE18]. Diffuse [GSA03a, GSA03b, Hei01, KJ92, SK99]. Diffusion [BS12b, BMR+16, BLW11, CZCE08, GBA09, HJC13, HHA17, Jes16, KSW+12, KPS+14, KT97, LDR09, LSW09, PJS15, SS08, SOG09, SKS09, ZCH+17, vFG11, HGA+10]. Diffusion-Based [vFG11]. Diffusive [HWK15, KK18]. DiFi [SOM04]. DIGIS [dBv93, vL90]. DIGIS-a [dBv93]. Digital [BB88, CG16b, CO89, DGEG09, DKW94b, DJM12, GGP+19, GBS19, JFCS17, JSH+13, KT09, LSJK09, NT95, SCP+17, VGB14a, XT+07, XYL09, YGL+09, ZH12, BM93, CFGL16, CSH9, Lev99]. Digitised [AO89]. digitising [VV91]. Digraphs [BD08, GBD09]. Dihedral [VR12]. Dimension [ATW15, FR11, LF10, MID+18, Pas02, Pic86b, RGW05, WD09]. Dimension-reduced [ATW15]. Dimensional [ABD10, BMG99, BTB13, FR11, FDL14, GKS00, GHGW14, HJ19, KKS+12, KSK08, KZM12, LD06, LQ13, LWPB14, LB+16, LHNS18, MC14, MAA+09, PSPM12, PHL+16, SS96a, STMT12, SGG16, TMT86, TLRB18, WLN+17, ZR96a, vdCvW16, AHKS94, BDS+03, Day92, EHH+13, ILRS03a, ILRS03b, JPN15, KARC15, Kur15, LKZ+15, LWT+15, SD94b, SNLH09, TWSM17, ZR96b, ZCW+19]. Dimensionality [PSM12, Pas02, RL15]. Dimensioning [KWM15].
Dimensions [EMP+12, HS94, KZZM12, LK13, Nic85, TWMSK18].
DimSUM [MDI+18]. Diorama [AW07]. Dipoles [BSW+12]. Dirac [LJC17, YDT+18].
Direct [AGG+08, AFK+14, BELD13, BD16, BBP09, CAM08a, CAM08b, DKWB18, DQ00, ER18, FFD03, JKK+18, KPD10, KVS+14, KGP+12, KWN+14, LWBP14, LKG+16, OT11, OLF+09, RGG+14, SGS05, SPH+09, SGM+11, SSFS06, Sni95, ŠPBV10, SSK04b, VCRG14, WA09, WK12b, XSE14, ZCG98, ZKWG16, van90, vL90, BT92, SNJ+14, WZC+11].
Direct-Touch [KGP+12]. Directable [MSGT18, MAA+09].
Directed [Bov90, HV09, RSC01, SAAB11, ZWHK16]. Directing [GLCC18].
Direction [WZK16]. Directional [BKES00, CLM09, VCD+16, ABB+07, MFW18].
Directions [LF97, FLBS07]. Director [AWCO10, MCB16]. Dirichlet [LPG10, SGB13].
Disambiguation [FMB+00]. Disassembling [Att15]. Disassembly [KKSS15].
Discrepancy [FMB+00]. Disassembling [Att15].
Discovery [PZDD19, SBCBG11a]. Discrete [AGDJO8, AM02b, BCBSG10, BDS+12, BB08, CDS10, Des04, EBV05, FB11, GW07, HSS+05, HRWW12, HZRS18, LGH13, MSS11, MDP08, PPH+13, RL09, SWPOL8, SW08a, SC95, TIS+95, TW97b, Thü01, VPLL08, VMH+13, WLT12, WJB+13, WWH18, YGL+09, YMJ+17, dGLB+14, BLS93, DFM15, FT93, GGRZ06, TW97a, WIFD13, YDT+18]. Discretization [BT98, QPCRM19, LBT92].
Discrete [AGDJO8, AM02b, BCBSG10, BDS+12, BB08, CDS10, Des04, EBV05, FB11, GW07, HSS+05, HRWW12, HZRS18, LGH13, MSS11, MDP08, PPH+13, RL09, SWPOL8, SW08a, SC95, TIS+95, TW97b, Thü01, VPLL08, VMH+13, WLT12, WJB+13, WWH18, YGL+09, YMJ+17, dGLB+14, BLS93, DFM15, FT93, GGRZ06, TW97a, WIFD13, YDT+18].
Discretization [BT98, QPCRM19, LBT92]. Discretizations [SJP+13].
Discretized [BKES00, VT94]. Discrimination [NWHW16]. Discriminative [SXY+11, WLN+17].
Discussion [PNR89]. Disputes [ZVE+14].
Disk [EMP+12, ERA+16, ENEEG19, Gam16, LD08a, Yuki15]. Disks [ZMA+13].
Disorders [BW17]. Disparity [KRMS13, RHL12, SBE19, DKR+14].
Dispersion [HHGJ15, WW09a]. Dispersion-based [HHGJ15].
Displacement [AM02b, BK03c, BK03d, CC08, DKS01, JH12, LYP+98, LP95, PHL91, SK09a, vGPNB17]. Displacements [PB96].
Display [AGG+08, AGO6, AMS09, BG01, CLGS18, Hea90, Hei01, HLR+11, KKTD17, KAS+19, LMLG15, LMG+18b, PH87, Pat89, Pil85, SD94a, SL89, SF83, TTW90, Jac85].
Displaying [Coq85, DAMC03a, DAMC03b, Hei95, NN94, PMW86, SK86]. Displays [CZGF05, Den86, DMHS08, DER+10, ESDD14, GRP06, HKD+08, HF16, MG05, MbMYR15, MS96b, NGB+09, Pic96a, RSH+12, RvBWR04, SM10, WRK+16, WHL10, WO94, YMMS06, CHA+14, MS96a].
Disruption [RPM013]. Dissection [SSA+08, TSW+19]. Dissimilarity [KMA15].
Dissipation [GBG+14, SOB18]. Dissolve [GVWD06]. Distance [AMAM13, BDF+14, BF15, BFG+17, CG16a, CT11, CCI08, CS18, KZ04, LMM10, LPK13, LDR09, MGS07, MRL10, MRS08, OZ09, PPL13, PGK10, RLF09, SFFP15, SOM04, SKALP05, TPBC09, WCX+13, WP04].
Distance-Based [BFG+17]. Distance-Ranked [MGS07]. Distances [CK11a, Pat16, Pat17].
distill [GBM+19]. Distilled [AEWQ+15].
Distinctive [JBTS08, SDA+18]. Distortion [Ara94, BGI08, LYP+08, LWBP14, MDP08, VP11, VR12, VB14a]. Distortion-Free [BGI08]. Distortion-Guided [LWBP14]. Distortions [CHM+13, KLD+09]. Distributed [AKB+95, Ano91b, BAA+16, BDG+04, DGC+98, GG14, LS16, LK07, Mil88b, MO08, MH15, MKRE16, NNB97, SG96a, TI17, HK94, Kin92, UWA+19]. Distributing [HHD03a, HHD03b, SHQL18]. Distribution [CLF+03a, CLF+03b, FK09, HdB14b, IK00, KH18, KS97, RBMS17, WYKR17, BS12]. Distributions [AKB+95, Ano91b, BAA+16, BDG+04, DGC+98, GG14, LS16, LK07, Mil88b, MO08, MH15, MKRE16, NNB97, SG96a, TI17, HK94, Kin92, UWA+19]. Document [KCB97]. Documented [KCB97]. Documents [LKC+12, PTW13, SSDK12, SP03a, SP03b, SFWS03a, SFWS03b, SDC09, WLL+17, WBCG09a, YKM12, ZLDM16, ZZ17, ZV09, AECOK16, BGB08b, CLJ+15, CAE08, EIKM16, HPH10, LOM+18, LCL+18, LFGG08, PKL88, SC08b, WK12b, XQ13, WG93]. Draw [SS91]. Drawing [BZBM+16, Ben94, BCD01, Bur95, CLJ+15, CLLC15, FWX+13, FCS+16, JC09, KHS12, KZ90, LTKD15, Lin94, LFA+15, PFC15, Sl88, SP03a, SFWS03a, SP03b, SFWS03b, SDC09, WLL+17, WBCCG99a, YKM12, ZLDM16, FND92]. Drawing-Style [WLL+17]. Drawings [Bij87, Bur95, CBC+15, DHvOS00, DMK18, KOS+15, LFJG08, PKL88, SC08b, WK17, XSQ13, WG93]. drawn [SDC09]. Dressed [CMT02, STC+16, ZY02]. Dressed-Human [STC+16]. Driven [AD01, BS19, Bv19, CKGC14, CC14, CMT05, ECN14, FB11, GLHH13, GLX17, GH97, GCZ+12, H5mCy13, IS15, JKK+18, KFA+14, LWBP14, LRB+15, MKH+19, MBGS01, MBT+12, MFO0, NGDA16, PZB+09, Red96, RXX+17, RBRY19, RSK12, SML15, SG96a, SHW+18, SWB98, SBW06, SB98, TCGK15, VS10, WK12b, WLL+17, XKHK17, ZSCO+08, ZLW+16, ZZ17, ZV09, AEC016, BGB08b, CLJ+15, CAE08, EIKM16, HPH10, LOM+18, LCL+18, LEMS16, MHS+14, MRM+18, MFNP13, MBM13, MAA+09, MMHL08, MSK6, RG015, RNV07, SA15, SKC01, TM004, WSR+17, ZR13]. Driver [HR85]. Droplet [YLHQ14, MMS09]. Droplet/Spray [YLHQ14]. Drosophila [SMB+17]. Drug [KQR+19]. Drug-Drug [KQR+19]. Drying [JPK13]. Drypoint [TM004]. DSV [An98d, An97c]. DSV-IS [An98d, An97c]. DTT [SE10]. Dual [DWL+09, DRW15, IEGT17, PA06, RCM+14, SW05, SD09, SDKG18, Tak19, ZQ08, WIFD13]. Dual-color
CB18, CS97a, CS97b, CS97c, CS98b, CS98c, CS98d, CS99b, CS99c, CS99d, CD00a, CD00b, CD00c, DZ15, DS01, DS02b, DS02c, DS02d, DS03, DS04a, DS04b, DS05b, DS05c, DS06a, DS06b, DS06c, DS07b, DS07c, DS07a, GR11, JAP10, RD12, RD13, RD14a, RD14b, SG09, SG10, SC97, CFT86]. Editors [Pet10, SD94a, Pet10]. Edits [LJH10]. Education [Ano97d, Ano97-29, Kol08, SDA +18, Tur84, BH06, DS09]. EEG [APM +11, JvdGMR19]. Effect [CEX +18, GCGP18, HK16, MK15, RAP08, TTW90, WWV17]. Effective [BP17, FAT07, Gia18, KGM +10, LF10, TLM16, VF16, WCT +15, XBL +18]. Effectiveness [APM +11, KH18]. Effects [AMT +12, Buc96, GSMA08, HHRZ12, IDN02, JMV +15, JZJ08b, KH18, KW05, MSK14, OKG +10, RMSD +08, RKN12, SKWL13, Sta97, SKUP +09, VWH18, WSK +19, WYKR17, ZR96a, MMS09, ZR96b]. Efficiency [CCI13, Sch84, SM84]. Efficient [TMRL14, TE18, TSdSK13, TSK14, TW96, VGB14a, VB14b, VH15, VT94, WPG02, WC05, WZC +11, WZKP14, WTTM15, WLT +17, WTMT18, WBS +13, WCB15, WSG05, WTH +13, XL10, XXZC13, YM06, ŽC097, ZPS03, ZCZL13, ZZH15, Déc05, Rap92, Ska96, TPSH14b]. Efficiently [HMS09, MRD12]. EG [Ano97e, Ano97g, Ano98f, Ano98h, Ano98i, Ano98j, CG07a, DS11a, LSF +11, PS10, Ano95n, Ano96a, Ano96c, Ano96d, Ano97o, Ano97q, Ano97r, Ano97s, Ano97u, Ano98-30, Ano03e, Ano05a, Arn08, DPB +04, BWS05, DCF08, Kei04, Zot08]. EG/IEEE [Kei04]. EG2008 [Ano07i]. Ego-centric [PIWB98]. Eigenproblems [NBH18b]. Eighth [Ano97s]. Elastic [EHA +19, KSKL13, LLC10b, PGBT18, SBO18, ZT15, MWCS13]. Elastically [TG98]. Elasticity [TE18, ZLW +16, ZZL +17]. Elasticity-Based [TE18]. Elasto [ZLKW13]. Elasto-Plastic [ZLKW13]. Elastoplastic [CZZ +18]. Elber [Ano97-31]. Electors [ATCO +10]. Electrical [tH83a]. Electronic [CKL14, PR93]. electronics [Pri85]. Electroporation [KFR18]. Electrostatic [SGB10, SGW12]. Elegantly [GLGW12]. Element [Bak91b, BHU10b, IMIM08, KWSH +13, MRS18, SKCA01, WBG07, XGDC17, YFW12]. Elements [BEF17, BNC96, CK11b, CFS14, GBG +14, HZZ11, JTSZ10, KB98, MKB +08, PSC10, RR96, UFE10, VMA +04, WDGT01].

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Elevation [DKW94b, SS15a, TIS+95, BM93]. Elimination
[Blo97, FA87, LS89, Yuk15, HB92]. Ellipses [GUK+17]. Ellipsis [SH14a].
Ellipsoid [LWP+04, XDY18]. Ellipsoidal [JBL+06]. Embedded
[BGCPl11, BXHl0, GWT+08, GBW16, xHMC09, KFA+10, AH11].
Embedding [ABK+19, CK14, KCL+18, LZ07, PHL+16, SSSSW13, SDKG18].
Embeddings [BLTD17, HG18, HVP+19, LJLH19]. Embellishment
[LLC13]. Embellishments [SHK15]. Embodied
[Thi11]. Emission [NGN+01, WW11]. Emissive
[SHZD17]. Emotion [ACC15, KKL16a, KB98, RNtH03]. Emotional
[LC09]. Emotions [ACC15]. Emperor [Ano06c]. Emphasis
[BRM+16a, GOH+10, HPK+16, TO97]. Empirical
[AKMM11, PIWB98, SBLC17]. Empirically
[KARC17]. Employing [PEPM12]. Empty
[GKL17, Man16]. Enabled
[VOS+10, OAJ14]. Enabling
[ACS+17, CJP+19, FS92]. Enclosed
[PN97]. Enclosing
[LK13, RL09]. Encoded
[JBL+06]. Encoding
[AD01, AMAM13, GP87, HWA+10, KGR+16, POCM19, VP11, HW91, VB14b].
Encodings [KH18, PH17, SK16b]. Encounters
[BMH+12]. End
[APH+12]. Enderle
[Ano95s]. Endoscopy
[Bar05]. Energy
[ACAA+19, BV96, CWM09, Fan96, GLW96, KFG09, KSS+15, MMO16, PTA+11, SGB13, VW95, ZLM+15, dFH+11, HP11]. Energy-Based
[Fau96, KFG09, MMO16]. Energy-Conserving
[dFH+11]. Energy-scale
[PTA+11]. enforced
[JZW14]. enforcement
[TSK14]. Engine
[FMS01, GMDW09, HHS01, ZK08, Kni93]. Engineering
[ABW+15, DPD+15, Gw85, GSN94, Jen07, KBHM15, LSS+12, LMK+15, PPBT12, PH17, RPK+12, TTB12, th83a, DMS14, Sas92]. England
[Arn91, ID10]. English
[HR92]. Engraver
[Zot08]. enhance
[SSK93]. Enhanced
[CNCO15, JESG12, LM15, PSCC18, RAMG15, SKMS06, TGM12, TK98, XCDR10]. Enhancement
[BCN11a, CY11, DMHS08, HA11, HDL11, KLW12, LLC11, MO10, RHL12, ZCC14, ZBW11, HHS14, SLKL14]. Enhancements
[Joo86, SPS94, TMHD12]. Enhancing
[JBL+06, KK11b, LCC+18, PW17, SK10, SGG16, VMST10, WYD+13]. Enjoyment
[SSK16]. Enriched
[KL19, ZZL+17]. Enriching
[KBB+17, vDvdEvW19]. Enrichment
[Zar06]. Ensemble
[KBL19]. Ensembles
[FKRW16, HW10, KWS+15, LMK+15, MW18b, PPBT12, WKS+14, ZCH+17]. entangled
[GGG+16b]. Entertainment
[Saw07]. Entities
[ACC15, SJB+17]. Entity
[EASG+17]. Entropy
[HVH+16, HS08, KS13b]. Entry
[Ben94]. enumeration
[dS96]. Environment
[AHR85, BCD+13, BSG+95, BNJ15, BCH+95, BCRA11, CWKS00, FBT99, GKD07, HK00, KL14, KOOH13, LD06, LLP00, MRMH12, Mis88a, MO08, MN87, MFDA86, PRS89, PMID12, RTN03a, RTN03b, SH14b, Sch01, SPV+10, SSSK04b, VGSS04, WKG85, YIC+09, CFT86, CTW92, DM92, IMDN14, KSH92, TAAP+16, VCFDF95, WT93, dBV93]. Environment-Adaptive
[KL14]. Environmental
[GSNH94, GPG+16, vvT84]. Environments
[AI98, AVF04, BGAM04, CKHL11, CBSF07, DDH+18, FVHK17, Fuc04,
GSA03a, GSA03b, Hei01, JH15, KCB97, KW05, Kun04, LD04, LL01, LGK97, MCO97, MHA17, MG95, MSWK02, MCG+19, MF00, PL+97, PDV+15, PIWB08, SS00, SG96a, Sha97, SSCC11, SDM99, SD00, SDB99, SNW01, SG04, WBP98, WS99, DGR+14, GH96, Gob96, HK94, JPC14, LCMP19, VCDF95, HJL07. **EnvyDepth** [BCD+13]. **eNVyMyCar** [GC09]. **EPDiff** [AVBC18]. **Epigenomic** [YNM+13]. **equalities** [SSJ+10]. **Equalization** [AGM+06]. **Equalizer** [LMS+16]. **Equation** [PHTB12, YW97, HGA+10, PM93]. **Equations** [CRGZ10, YLG+18]. **Equidistant** [MLP92]. **Equivalence** [ZRLS19]. **equivalent** [vDHO16]. **Erosion** [CBC+16, KBKS09, RPP93]. **Erratum** [Ano06a]. **Error** [AKSA09, BEEM15, CRS98, DCYG19, ED07a, EPAS11, HS98, JKJL18, LA06, MMG10, NIDN16, SW04a, SNJ+14, SWSN09, VR12, VD18, WTTM15]. **Error-Bounding** [HS98]. **Error-Correcting** [EPAS11]. **Errors** [GKPL11, KUMY10, RAP08, VW91]. **Escher** [SDG99]. **Escher-Like** [SDG99]. **Estimate** [JZJ08b, WW09b]. **Estimates** [LH11, SSSSW13, ZHD18]. **Estimating** [CLB+09, GCP+09, JCW11, WMTG05]. **Estimation** [AAS17, BEEM15, BPV+09, BM12, BM16, BAJ08, CEX+18, CACB18, DD0+17, GUS12, HDF15, HP02, HGNH17, HWL18, HET12, JMD15, KHIK01, KUMY10, LDWB10, LJJ+18, LMGH+13, MBT+12, MIMO16, MES+11, NIDN16, NCKG00, SW17, STC+16, VVP+16, WDD17, ZRJ+15, vMRBPM17, SD10b, WFZ+15, WGO+14]. **Estimations** [Büh01]. **Estimators** [FCH+06, SKGM+17, WYD+13, SNJ+14]. **Eulerian** [JS10, PCBL16]. **EUROGRAPHICS** [Ano95o, Ano95p, Ano95a, Ano95d, Ano95c, Ano95q, Ano95-27, Ano07k, Ano08a, Ano09d, Ano10b, Ano11d, Ano12e, Ano13g, Ano89, ADS90, Arn91, Boun00, Cla89, Daub09, Duc98, Duc90a, Duc91, Enc81, Gre85, Heg90, HETH+83, Kid82, Kid84, Le 90, Liso89, Mat86, Mor86, Pin85, Preq86, SW83, van85, VD90, Vel91, WG82, Wat82, Ano87a, Ano88b, Ano91c, Ano96i, Ano96g, Ano96h, Ano96i, Ano96k, Ano97v, Ano97w, Ano97y, Ano97t, Ano97z, Ano97u, Ano97x, Ano98u, Ano98v, Ano98w, Ano99b, Ano99h, Ano99i, Ano00c, Ano00f, Ano00g, Ano01c, Ano01d, Ano01e, Ano02c, Ano02d, Ano02e, Ano04c, Ano04b,
Ano04d, Ano04f, Ano04e, Ano04g, Ano05c, Ano05b, Ano05d, Ano05e, Ano05g, Ano06c, Ano06b, Ano06d, Ano06e, Ano07b, Ano07c, Ano07d, Ano07e.

Eurographics [Ano07j, Aus91, Bro90, Cla88, DJS04, GP06, HHS89, How87, Kje91a, LSF+11, LMD04, Mum90, Oii04, PS10, Sch08, TB84, Van80, Wat88, WBP11, thH83a, thH84].

EUROGRAPHICS/ARGOSI [ADS90]. EUROGRAPHICS'2006 [Pur07]. EUROGRAPHICS'90 [KB90]. EUROGRAPHICS’96 [Ano96a].

European [Ano96s, Ano97o, DJ88, HHS89, Req86, TB84, Van85, Ano84a, Ano92, Ano93, Ano96l].

Evaluating [BHT19, CCH+17, GHX+17, HVH+16, YLL+09, BR96, BLD14b, GA93, VW90, VW91, WGO+14].

Even [BHW17]. Evenly [JL00, SLCZ09].

Evenly-Spaced [JL00].

Evolution [Col05, Duc14, GLG+16, GBD09, RTJ+11, SKZF11, SLSG16, TOZ+11, TA08, VBAW15, WBT19].

Evolutionary [BCB+13, HCG08]. evolutions [CL92]. evolving [CEG+18].

EWA [HWK+10, RPZ02]. Exact [BF09, CK10b, KRG03, MC19, MG95, MAAG12, NAB86, SPD07, SHCB15, The02b, YLL+09, BR96].

Exaggerating [yKL08]. Exaggeration [TX16]. examination [Kni93].

Examining [QPCR19]. Example

[BB09, CYC15, FLJ+14, FB11, GLCC18, GMM+12, IMIMO8, KSI0, LCL07, LP15, LFA+15, NGDA16, OOI05, PCS94, PP10, RJJ18, RÖM+15, RSK13, SLB+18, SD10a, SJT+19, WHCO08, ZTZ15, ZLW15, DD92, ZLL13].

Example-Based

[BB09, CYC15, GMM+12, PP10, SD10a, SJT+19, ZTZ15, ZLW15, FLJ+14, IMIMO8, KSI0, LP15, LFA+15, OOI05, RJJ18, RSK13, WHCO08].


Exhibition [Ano93, Ano94, Ano96l, Ano96s, DJS04, HHS89, Req86, TB84, Van85, YH13, ACM80, ENC81, Van80, WG82, thH83a, Wat82]. Expanded [MW18a]. ExpandNet [MBRH18]. Expansion [BDA+09, MBRHD18, XS06]. expect [Sár07]. Expectation [JRJ11].
Expectation-Maximization [JRJ11]. Expeditions [Wat96]. Expeditious [CBSF07]. Experience [BPF+03b, ESK03b, MGJ06, TCH+03a, VGSS04, WGK88]. Experiences [AEL+82, MRL+17, CRW83]. Experimental [Moh87, Kin92]. Experimental [MTV+11]. Experiments [CD94, Meu19]. Expert [BCBL13]. Explanation [SvW13]. ExPlates [JE13]. Explicit [DGP17, LTKD15, VM12, YWTY12, AVBC18]. Exploiting [CAM08a, PFC+05, BDDB18, CDPS09]. Exploration [ABW+15, AKF+14, BGCP11, BRS01, BPFG11, BSW+14, BCBL13, BBBL11, BBL12, BBP10, BCWR08, CSG+18, CZCE08, EAGA+16, EASG+17, FAFM19, FMH16, GHB+17, GLG+16, HGRS+17, HVP+19, JBB+08, JE13, JvdGMR19, KOB+15, KQR+19, KvLB14, KFIR+11, KTW+13, LWBP14, LWT+15, LL09, ME13, Man16, NJB+11, NLB+13, OJR+14, OJMN+19, PTH+13, PEP+11a, PFH+18, PEPM12, RvdHD+15, RCMA+18, RPK+12, RAMG15, SMH10, SSC009, SKKS08, WG11, WCH+15, YNM+13, ZH14, vdEwV13, AKZM14, DGR+14, MAG19, DKG15]. Explorative [BBB+18]. Exploratory [ADN+17, BH19, CHH+19, IEPC08, KOB+08, KG+12, OGW19, SPF+19, SV10, SvL16, TCM10, WHC15, YPF19]. Explore [BHRD+15, RNtH03, SWG16, TLFC16]. ExploreMaps [DGR+14]. Explorer [RHM+12]. Exploring [AAB+10, BB07, BCD+10, BJ+15, CWG11, DBD+13, DRW15, EBSC99, HRS+14, HC14, JTR+12, KWD14, KFLCO13, KW18, LT17, LFW11, LBJ+16, MRL+17, PEP+11b, PDV+15, PSH09, RL16, SMSL17, SSM12, SHS+17, TL RB+18, WLN+17, ZOM19, vdCvW16]. Exponent [GKT16]. Exponential [PR19, SFY13]. Exposure [GTM+12, GPR+15, HA11, LP15, MKV09, MPBM+17, SL17, SLWSS15, SBB14]. Exposures [KR19, LDG19]. Expression [MD19, RNtH03, SL09, VVWR08, ZPS03, MMAG93]. Expressions [BIMO04, WHL+04, WR05]. Expressive [DN08, JL08]. Expressiveness [KRM+13, LHH+13, WTLL13]. Extended [BRL09, RW08, SSW14a, SWT+18, TGK+17, WZCF15, PCF05]. Extending [DBK11, WGG99]. Extension [Bak88, JA95, KFrAS01]. Extensions [FPC+16]. External [BNN19, ESC00, KL17]. Extinction [GDM+13]. Extracted [CS16]. Extracting [BPKB14, CJXH17, DMP93, DH+15, EIK+16, KBW+12, KCH+18, LKD+17, TIS+95]. Extraction [AGDJ+08, BAT11, GWT+08, GHS98, GSW12, GT18, GLX+16, HLH+16a, HWC+05, JWH19, KGS19, KRS+13, LW17, LW18, LKG+16, MBES16, MPWC13, OZ06, POS+11a, PKG03a, PKG03b, PTA+11, PWH98, SWPL08, SVG+08, SBD15a, SR96, WL10, WGO9]. Extraordinary [ADS06, LS08b, Nas03, MM18]. Extrema [JWS12]. Extremal [GWS12, KCH+18, WMZ12]. Extreme [XXL+14]. Extremely [DCPS08]. Extremities [SY14a]. Extrinsic [LJC17, YDT+18]. Extruded [CJFH14, SM10, WW87b]. Eye [BB09, BBGB19, BSBE17, BKR+17, BKW13, GRC13, HYL+15, KTMN07].
[BRM+16b, KB89, LCD10, MS16, NB12, SGEM16, WGS04]. **FastV**
[CATM09]. **Fat** [BBJ+18, YR91]. **Fat-Tree** [BBJ+18]. **Faulted** [McC83].
**FaVVEs** [BRM+16a]. **FCC** [VCRG14]. **Feather** [SH02, DSC95].
**Feathering** [LLC+15]. **Feature** [AGDJ08, BYM18, BBW+09, BB09, BKK01, BBN02, BHU10a, CS16, CLCC15, DGQ+12, ELM+12, FGM99, GWT+08, GLK16, GLK18, GGP+15, HT14, HLH+16a, HGA+10, HWC+05, HH12, JRR+18, KMD+17, KSL+08, KYP+16, LM96b, LBB16, LLSL98, LB19, LPG10, LGK+16, LRB+15, MFN+13, MVZ16, MMV+13, ÖGG09, POS+11a, PKG03a, PKG03b, PK08, PHK+10, PTA+11, RMZ13, SWPL08, SW17, SYM10, SVG+08, SKC01, TE99, VRK01, WL10, WYZC13, XAD+13, YXX14, YYL+16, ZLK05, ZWY+13].
**Feature-Aware** [CLLC15, KYC16, LBG16].
**Feature-Based** [LBSL98].
**Feature-Driven** [LRB+15].
**Feature-guided** [KSL+08].
**Feature-Oriented** [YXX14].
**Feature-point-driven** [SKC01].
**Feature-Preserving** [BHU10a, DGQ+12, JRR+18, KSL+08, WYZC13, ZWY+13].
**Featured** [TCRS00].
**Features** [ABCJ10, AMT08, ABK+19, AKZM14, BLY+11, BHH+17, BPKB14, BM12, CJXH17, DMH+08, DMS14, EIKM16, HP04, HKB02, KSP+18, KCH+18, KRS+13, LWY08, MKO+08, PPH12, PMW86, RHM+12, Sch+11, SJW+11, WB01, WV11, ZOAM14, vdCvW16, LBBC14].
**Featuring** [Pos11b].
**February** [Gob96].
**Feed** [KSK97a, KSK97b].
**Feed-forward** [KSK97a, KSK97b].
**Feed-back** [KSK97a, KSK97b].
**Feed-backward** [KSK97a, KSK97b].
**Fellow** [Ata07c].
**Fellows** [Ata07c, Ata04f, Ata05d, Ata07k, Ata07a, Ata07d, Ata13c].
**Fellowship** [Ata07d, Ata07e].
**FEM** [BHU10b, CFS14, JTSZ10, KKB18, SSB13, YLHQ12, ZZCK98].
**Few** [AR95, MSZ+18, SP03a, SP03b].
**Few-shot** [MSZ+18].
**Fewer** [OMW16].
**FFT** [McCL09].
**Fiber** [ASA+16, CBT+15, CCB+08, FEM+19, KGM+10, LZB17, OVV10, PPM12, RPK+12, SSSSW13, SE110].
**Fiber-level** [LZB17].
**Fibers** [ACG+17, SSA+08].
**Fibonacci** [MBR+13].
**Fibre** [PVtHR09].
**Fibrous** [KK+14].
**Fiction** [Fuc97].
**Fictional** [RGM+18, SJB+17].
**Fidelity** [DMAL10, DDC09, JVS+12, PR98, WZCF15].
**Field** [AGG+08, AMTMH12, AH11, ABCCO13, BE15, BB12a, BSO2, BB08, CWW+11, COC15, DZD+16, DYN04, DLY+18, DZC11, FKS+13, FL19, FKS+10, FKR13, GEZ+17, GT16b, GG17, HWK15, HRS18, HLL+13, JWH19, KTMN99, KS07, LBCO8, LCM+06, MPP08, MRD12, NSR13, NZH+18, OKG+10, OGH10, PLPB07, PPM+16, RHH18, RSTK08, RR00, SP97, SW10, SGM+11, SS96b, SOM04, TW10, TRS+08, VSG+13, VCD+16, WLZT18, WXY+13, YWW10, ZHH15, ZCP07, ZBA+17, BB14, CGT+15, CFGL16, EGG+15, SBB14].
**Field-aligned** [DLY+18, NZH+18].
**Field-coherent** [PMM+16].
**Fields** [AGDJ09, AMO2b, BDS+03, BRS01, BKBG10, BPKB14, BB12a, BOB13, BSEH17, CCI08, CYY+11, CBGG13, CSS18, Coq85, DLD12, DVPSH14].
EBA+09, FKS13, FLBS07, GPK+12, GRT18, GKK13, GST14, GKT16, HLH+16a, HMA15, HE94, IEGC08, KG19, KCH+18, KZ04, LS16, LWS18, LKG+16, MRS08, NVT+14, NS09, OBH+11, OZ09, OVT18, OT12, PPH12, PRW11, PW12, RSK12, SW17, SFFP15, Sch11, SFL+16, SEA08, SN08, SBCBG11b, SOM04, Szy11, SBL12, The02a, TRS03a, TRS03b, Tim12, TRAW12, TSH01, UGLY08, VB14b, VMA+04, WRS+13, WTHS04, WTHS06, WGS10, WHT12, WP04, ZRLS19, dGLB+14, vPJtHRV12, vP94, AM92, GRT14, ILRS03a, ILRS03b, JBTS08]. Fifteenth [Ano97-28]. Fifth [Ano95q, Lis90, Wil84, MJ98]. figure [BT92]. Figures [CYI+12, OM01]. Filament [KGM+10, HL14]. Filament-Surface [KGM+10]. File [DHH02, SABG+05]. Fill [AHT04, GP87, HR87, Ric87b, SM86]. Filled [Rok97, YR97]. Filling [DCOM00, NSY09, Ric87b, SB13, YF85]. Film [HBRFP19, NDG17, TDMS14, SSK93]. Films [NREM14, SW08b, XADR13]. Filter [BCCS12, HGO18, KR05, MS14, PTO10]. Filterable [WWH18]. Filtered [AHMAM15, Kla00, KC08, LTB19]. Filtering [ABD10, BaJ03a, Baj03b, BEM11, BEJM15, BBB+18, BTS+17b, CDP95, CLC12, FR11, GO15, Got94, HP04, IGMK+16, JLKL16, KVS+14, KWN+14, KTW+13, KKD09, KK11b, LZFH18, LWS+16, MS16, MJBC13, MIGMM17, PO85, RSD+12, SFFP15, SDMS15, SYF11, SBS+17, TySK00, Tok15a, TSPP16, VCRG14, WMB15, YBY10, WYU10, ZCZL13, ZDZ+15, ZSW+10b, ZYW+13, ZRJ+15, dCTAD09, LN17]. Filters [Bak88, BTS+17b, GM06, LK17, MS13, PK15, RSD+12, SFFP15, SDMS15, SGYF11, SBS+17, TySK00, Tok15a, TSPP16, VCRG14, WMB15, YBY10, WYU10, ZCZL13, ZDZ+15, ZSW+10b, ZYW+13, ZRJ+15, dCTAD09, LN17]. Finally [HHS05, MW11, SSS02]. Final [Ros97]. Financial [KCA+16, ST18]. Finder [AVF04]. Finding [HKL17, LKF12, PLL11, Szy91c]. Fine [CYJ02, KKS+17, NJ04, SY11, SY13, SLS+06, ZWY+13, BC01]. Fine-Grained [KKS+17]. Fine-Scale [CYJ02]. Finger [LAFT12, WWS+15]. Fingering [SKK10]. Fingerprint [OKK13]. Finishing [ten82b]. Finite [BK91b, BNC96, BUH03, CK11b, GT15, GKT16, JTSZ10, KWSH+13, KB98, MKB+08, MRS18, SKCA01, ÜFE10, WBG07, WDGT01, ZHD18]. Finite-Element [SKCA01]. Finite-Elements [CK11b]. Finite-Sample [ZHD18]. Finite-Time [GT15, GKT16]. Fins [CJW+06]. FIRD [MM09]. Fire [SKWL13]. Firefly [ZHD18]. First [APH+12, Ano84a, BRM+16b, CCC+14, Dav07, End84c, GL10a, Heg90, Kel86, Le 90, RSD+88, GA93, Ott90]. First-order [BRM+16b]. First-Person-Views [CCC+14]. First-Year [Dav07]. Fisheries [BMPM12]. Fit [ADJ+01]. FitConnect [OW19]. Fitted [GPP+10, OW19]. Fitting [ABCJ10, BTP13, FKS13, KWW+14, LK13, LWP+04, LYL+16a, LYY08, NL13, PPL13, PS95, PS96a, Pud94, SB99a, SHL02, TSB16, VSG+13, BSH12, LDB07]. Five [Ano84a, SD94b]. Five-dimensional [SD94b]. fixed [VR12]. Flame [OAM+18]. Flare [LE13]. Flash [MJL+13, PCF05]. Flat [MEK17]. Flat-Foldable [MEK17]. flatland [Hec92, ORDP96]. Flats [CWA+08]. Flattening [BCCG08, KMM+18, MFT02, PTW13]. Flattening-based [KMM+18]. Fleshing [ZR13]. Flexibility [BLY+11].
Flexible [ABCJ10, BAAM17, BXH10, BSAP11, BBT99, BS08, DZC11, GHH01, LW95, PLT+97, PFC15, RSS96, SR19, SVWG12, Sta97, SFLP18, SDC09, WK12a, WCH+15, vBE11]. **FlexyFont** [PFC15]. **Flicker** [WWV17]. **Flight** [HA11, KBKL10]. **Flights** [PSC10]. **FLIP** [CIPT14, FAW+16, GOPT11, GSE+14b, GT15, GKT16, GT16a, GG17, HYL+15, HWK15, JS10, JWC+11, JL00, KSW+12, KSBC12, KS18, KFM+19, LHD+04, LTH08, LS16, MRL+17, MLP+10, MKP+16, MC14, NJB+11, OHH15, OBH+11, OJMN+19, POS+11a, PPL98, PKPH09, PPF+11, RSVP02, Sad09, SWPL08, SYG+08, SOS09, SGR12, SEG+14, SBL12, TBKP12, VCC98, WHT12, We04, WBT19, WPH+12, WTY19, YGL+09, ZHQ17, ZWC+10, ZAD15, dHvPV14, vPJP+12, vPGL+14, KGGP18, LCMP19, MMS09, PHE+11]. **Flow-Based** [FE17, WT09]. **Flow-Embedded** [GWT+08]. **Flow-Induced** [GG17]. **Flow-Orthogonal** [SGRT12]. **Flow-Fill** [AHT04]. **Flowstrates** [BBBL11]. **Fluctuations** [DPF16]. **Fluid** [AMT+12, BSW10, CK13, DYN04, EHT18, FAW+16, GBW16, HEW15, HJS+17, KPNS10, KSW+12, KySK08, KAT+19, KMN+08, MMS07, OAI09, OAO11, SCN+16, SKS+07, SJ13a, SHQL18, SZMT15, TF+03a, TFK+03b, TL19, WMRSF15, WBT19, WTY18, YKH+09, YLD07, ZYF10, dHvPV14, GY93, KWF+01]. **Fluid-Solid** [TL19]. **Fluids** [AM02a, AT017, ATW15, BCN03b, BXH10, CK13, CBC+16, DGP17, DMY08, GLH09, GDGP16, HLL+12, IPK13, IEGT17, KPS08, KySK08, KAT+19, KBS09, KMN+08, LD09, MMS09, NCI0, PTB+03a, PTB+03b, SCN+16, SKK10, ST08, TF+03a, TDK+15, TL16, WMRSF15, WKB18, WYY13, YLHY12, YNHB09, YWTY12, CIPT14, YLCH18]. **Fluorescence** [MF18]. **Fluvial** [CBC+16]. **Flux** [BSW+12, KPS+14]. **Flux-Limited** [KPS+14]. **Fly** [LZB17, MH00, OAM+18, SMS01, ZOA+18, DSJ19, SLSK7, SKK+14b]. **Flying** [SC08a]. **fMRI** [JNM+09]. **Foam** [TFK+03a, TFK+03b]. **Foams** [KL19]. **Focal** [SG16]. **Focus** [BTM+19, GRE11, HVP+19, KGRG17, MBMYR15, MKO+08, OJS+11, TM13, BCN11b]. **Foldable** [MEKM17]. **Folding** [ZIM13, ZCBK12]. **Follow** [OGW19], following [LJK+12]. **Font** [ZCL18]. **Fonts** [BBK+19, Gos86, SR96, ZCL18]. **Footprint** [WH17a]. **Footprints** [van97, vdP97]. **Force** [BB08, Fau96, Gov99, HV09, SAAB11, ZWHK16]. **Force-calculation** [Gov19]. **Force-Directed** [HV09, SAAB11, ZWHK16]. **Forecast** [WFZ+15].
Forecasting
[BAJ08, DPD+15, DPD+17, FKRW16, RCMM+16, RG19, SSK93]. Forecasts
[SWG16]. Forest [FBW01, KS18, ZBM+17]. Forests [BN12]. Form
[FGM99, FM04, Hec01, MMAG93, PSP10, RS08, UGLY08, ZT96, ZCG98,
AE97, GAK10, GS85, Gui92, HMA15, KMTT92, KHR02, Sbe93, SZG93].
\textit{form-factor} [Sbe93]. \textit{form-factors} [SZG93]. Formal
[Dam91, DUC82a, DF85, Duc91, DD92, DDr94, TC94, DP93, FZP92].
Formalizing [HPK+16]. Format [GPM+18]. Formation
[Dur01, IPKK13, TYY+19, XWY+19]. \textit{Formats} [DH02]. Formed
[NKS16]. Forms [Pic86a, WL12]. Formulation [PGM+18].
Forum [Hew84a, Ano03b, DS04b]. Forward
[GT16a, LDr16, KS97b, WHD17, ZLSW17]. \textit{forward-scattering} [WH17].
Foundations [BRB+13, LFF+13, LJH13]. Formats [DHH02]. Formed
[NKSI16]. Forms [Pic86a, WLT12]. Formulation [PGM+18].
Four [HKS09, HTG14, HS94, LZQ13, MTM12, MKO+08, NQ85].
Four-Dimensional [LZQ13]. \textit{Four-level} [MKO+08]. \textit{Four-Way} [HKS09].
Fourier [NMMK05, SLE18, XS06]. Fournier [Fiu01]. Fourth
[SW90, Ano97-29, Arb90, Cla89, Rei03]. \textit{Foveal} [CG07b]. Foveated
[LCC+17, WRK+16]. Fractal [Pic86b, SB13, ZT96, BM93, SS93, WY92].
Fractal-Dimension [Pic86b]. Fractals [Gda17, Gro92, NR95]. Fracture
[AGD08]. Fractional [LPD14, NMMK05]. Fractions [KPS10]. Fracture
[CZG+18]. Fractured [GMM+12]. Fragment [PTO10, TRSKK08].
Fragment-Parallel [PTO10]. Frame [CHL08, DBS+18, FMS01, HHS01,
KG19, LQ+16b, PC12, SW08a, SKL13]. Frame-Coherent [FMS01].
Frame-to-Frame [PC12]. Framebuffer [YS08, UWA+19]. Frames
[BPKB14, Her84, PR+94]. \textit{Framespace} [AW00]. Framework
[ABW+15, AMS16, BDA+17, BCS16, BDC18, CKGC+14, CLM09, CYY+11,
CE19, DKT18, FKQ08, FWPS11, FdABS99, GTL+18, GD09, GA98,
HK09, HSC16, JZQ18, KLM19, LW94, LSS9, LB+16, MCH94, NIDN16,
PGM90a, PEP+11b, PJSH15, RPL11, RSW+97, SEE+14, TIK17, Vex+14,
XSE14, YM17+18, ZC16, ZCG98, BRM+15, FZP92, DP39, ESP11, EKB14,
LDB07, Lie17, MC02, MAG19, YDT+18]. Frameworks [BDFG07].
France
[An97s, An97-29, An04b, BH96, DL04, DJ88, PB95, SZB04, Van85].
Frayed [MCN09]. \textit{Free} [ANF97a, ANF97b, AE97, BGI08, CC08, DG12,
DC10, FGM99, FM04, HMA15, HK09c, KPR05, KAT03a, KAT03b, KS14,
KFW19, KHR02, LGZ+16, NKS16, PPH+13, SKT11, UGLY08, WB02,
WS03, YIC+11, ZT96, ZCG98, CBV+14, ITY10, KMTT92, RRS12, RLH+17b,
SEA08]. \textit{Free-Form} [FM04, ZCG98, AE97, HMA15, KHR02]. \textit{Free-Formed}
[NKS16]. \textit{Free-Viewpoint} [WS03]. Freeform
[Elb99, JWWP14, Kob03a, Kob03b, MIW13, XD18, YK06, BPW14, DPW11].
Freehand [OOI05, ZBW11]. \textit{FreeLence} [KPRW05]. \textit{Frequencies} [BKW13].
Frequency
[BD18, IFL13, MC10b, OPP10, OMT02, TM13, WV17, IFDN12].
Frequency-Domain [OMT02]. Fresnel [EKFM12]. FRG [BP82]. Friendly [KGR+16, SC04]. From-point [CATM09]. Front [Ano16g, Ano16a, Ano16b, Ano16c, Ano16d, Ano16e, Ano16f, Ano17a, Ano17b, Ano17c, Ano17d, Ano17e, Ano17f, Ano17g, Ano18a, Ano18b, Ano18c, Ano18d, Ano18e, Ano18f, Ano18g, Ano18h, Ano19b, Ano19c, Ano19d, Ano19e, CCC+14, CSC+18, KSCN19, SGRT12]. Frontiers [Enc98, vD98]. Frontmatter [Ano08c, Ano09b, Ano15a, Ano15f, Ano15c, Ano15d, Ano15e]. Fronts [SLS+06]. Fruit [KRBl]. Frusta [BJCW09]. Frustum [RS08]. FTP [YSC+18]. FTP-SC [YSC+18]. Full [CLHL08, KH02, MMR013, RR96, YHL+16]. Full-Frame [CLHL08]. Full-range [RR96]. Fullsphere [MC10b]. Fully [ACA18, DJW+06, LRBB17, SKZF11, SAA09, WBM+18]. Fully-Implicit [SKZF11]. Function [AGDJ09, AVBC16, BF15, CNCO15, GBAL09, GOGH+10, HFM10, JH19, KPG+16, PPBT12, PGK10, PSO18, RSC01, SPOK95, SPB+17, WZL+12, Bar93]. Functional [SKZF11]. Functionality [HSvK18]. Functionally [HL03c]. Functionally-Based [HL03c]. Functionals [KPS95]. Functions [AGDJ09, AR95, AGJ12, BDF+14, BK05b, BG07, CLB+09, DKN+95, FP94, HW10, HH10, HL03a, HL03b, IYS+13, JWS12, JBL+06, LLC+10a, LWP+04, LKG+16, MGV11, MSS11, MKB+08, MRL10, MMS+05, NL13, NP00, NBHN17, PSP10, PDV+15, PP09b, RSK13, RSS96, SKZ13, SK86, SRK13, SFL+16, SCM+09, SS15b, SMG10, SBLD03, SXMLD03, TC94, WS09b, XWT+09, BCQS13, DF93, Sch94a, TWSM17]. Fundamental [DGEQ09, WLT12]. Furniture [GS09]. Fused [LLHY09, RCM+14]. Fusion [EGG+15, HW16, HAI1, JJKL18, MKV09, YCL+17, ZCZL13, KBÖ+14]. Future [Bak88, Bro90, Enc98, Han05, Joo86, OJMN+19, vLKS+11]. Fuzzy [LS15, SCF10, SDKG18, YSC+18].

Gaze-enabled [OAJ14]. GazeDirector [WBM+18]. GEARS [WZKP14]. GEMS [FMH16]. GEncode [LCL+06]. Genealogical [RHM+12]. General [AMS+16, Ano95r, Ano97q, Ano97z, Ano97-30, Ano04b, Ano04g, Ano05b, Ano05e, Ano06b, Ano06e, Ano07g, Ano08d, Ano09c, Ano10a, Ano10c, Ano11c, Ano11e, Ano12d, Ano12f, Ano13f, Ano13i, BEEM15, BÖK11, CLM09, Coc83, HR85, HVVR18, HCSC16, HLJ+13, KS13a, LT16, LCL+13, LWS+13, LSˇZ08, LBJ+16, LP95, MR17, OLG+07, PCDS12, PSP10, Pii85, RÖG17, SV14, SSS97, SDHL11, WZKP14, WHT12, GMDW09, GGRZ06].

General-Purpose [HLJ+13, OLG+07, Pil85].

generalization [vDHO16].

Generalized [AMAM13, BDA+17, CG16b, DLGY12, EDPB15, ESV99, HWU+19, Jac17, Jes16, KPK10, MCM+12, OPC96, PKS11, PGK10, SMS01, STKD12, TSYK01, YGL+09].

Generalizing [CGT+15].

Generated [Chr86, Pat95, Pic86a, SB99b, UKCB15, Lei94].

Generating [AW00, BDA+09, BBDM85, DJSJ19, GC96, LD08a, LF97, LGMT00, LVJ10, LLC19, Mar95, MH17, Par86, RLGH15, WVV08, WTL13, Yuk15].

Generation [ABC+91, AKV15, AAB+96, BYM18, BSK+13, BLP+13, CNCO15, CG16a, CGH18, CBC+16, CEG+18, DG95, DCY19, GMY97, GPMG10, GTL+18, Gd17, GD96, GD10, GSZ11, HSC+05, HTH96, JSLW14, KMN+05, KS12a, KWC+12, KK07, KÖS+15, KGRG17, Ku95, LW95, LMP+10, LEE17, LCM+09, MK05, MG87, MKO+00, NREM14, NS11, OJMN+19, PJ94, PGGM09b, RW08, RMA85, RH95, RPA+15, RSK10, SYM10, SGS05, SD10a, SCR+18, SBM+10, TON+02, TTW90, VKW+12, VGB14a, WL10, Wil84, WR05, WT09, YCL+17, YYW10, ZZW16, vFG11, vKdJP+19, BMWW14, BY09, DKA14b, GK03a, GK03b, GH92, HDS03b, HDS03a, HGA+10, HCL93, HK92, LW92, Liu93a, Liu93b, MK08, SKK+14a, SKK+14a].

Generative [CLGS18, KAT+19, WPY+19, ZLZ+18, HKM15, NW17].

Generator [Her82, YLK08].

generators [ES94].

Generic [MS08, Vel99, XTJ+07].

Genetic [Deb18, HSS17, LS15].

Geneva [Van80, Ano04g, Ano05e, Ano06e, Ano07l, Ano10c, Ano11e, Ano12f, Ano13i].

Genome [SCD+16, WVKR08].

Genomic [NHG19, WVKR08].

Genomics [LSS+12, MWS+10].

Genotype [GKPL11].

Genuine [PCK09].

Genuinity [AA09].

Genus [GP09, PSF04].

Geo [DBS+11, vGPNB17].

Geo-information [DBS+11].

Geo-referenced [vGPNB17].

GeoBrush [TSS+11].

Geodesic [BW07, CK11a, HM83, Haw85, HZRS18, MR12, WK12a, XYM13, XLS+14, ZWC+10].

Geodesic-Controlled [BW07].

Geodesics [HRWW12, SCF10, TWC+09, ZZCJ14].

Geodesy [CHK13].

GeoFilter [KR05].

Geographic [CY14, LBK14, PCS94, Sam93b, WKS+14].

Geographical [LCB+18, TIS+95, TON+02, ZLMM16, HS92].

Geography [Mil83].

Geological [DKG15, RMH+18].

Geometric [AS92, AR94, ATK17, BD84, BS90, Bar92, BHS+17, BMR+16, BvTH16, BMWM01, CK11a, CD10, CDSS14, CDPS09, DJW+06, Den03a, Den03b, DG97, FLL11, FSTR13, GUK+17, HK12, HH02, KZB19, Kr05, KK13, Las84, LMW+19, LL02, MLP+10, NAB86, NB94, PCBS16, PSCC18.
PPY+16, Sei88, SLD+17, TSS+11, Vel99, VKJ+17, WMWG09, WMRSF15, WB02, YLX+16, BCGS13, BC01, BHU10b, ESP92, VMHB14, YN93.

**Geometrical** [DG95, LC09, PRW11, SPT14, VT94]. **Geometrically** [CC00, SHCB15, TL19, YYL+16]. **Geometrically-Aware** [CC00].

**Geometries** [JL17, Kaz15, RXX+17, WH17b]. **Geometry** [ABCJ10, ABC04, ADS06, BPW14, BS12a, BK05a, BK05b, BDS+12, BHGS06, BGS10, BNH10, BB08, BBDA10, CVDL16, CSD11, CT00, CC06, CCLN10, CCW12, CG19, CK13, CLF+03a, CLF+03b, CDPS09, CH11, CDS10, CKSW08, DKB+16, DWL08, DRF12, Des04, Des06, DGP+05, DGE+09, DSW09, DFY14, EMP+12, ESP08, EBM12, EMK09, ESK03a, ESK03b, FWX+13, FAVM09, FGT+16, GP09, GPK+12, GMC+06, GE04, GBP05, HRS+14, HM15, HMA15, HP04, HWC+05, HREB11, HL03c, IEKM16, JW+06, JL+06, JK05, KPRW05, KT09, Kaz15, KR05, KCL06, KMHG13, Kim15, Kob03a, Kob03b, KSH04, Kob05, Kol08, KQWM08, KB+14, LT17, Lai13, LGH13, LJN02, LTB19, LCL+06, LTH08, LJJ+09, LQZ13, LJBA13, LPG10, LCLJ10, LLW12, MS10a, MS12, MK05, MCM+12, MBG+12, MSW12, MPM+14, MPWC13, MMHL08, NW+16, OZ06].

**Geometry** [ABC+10, ABC+04, ADS06, BPW14, BS12a, BK05a, BK05b, BDS+12, BHGS06, BGS10, BNH10, BB08, BBDA10, CVDL16, CSD11, CT00, CC06, CCLN10, CCW12, CG19, CK13, CLF+03a, CLF+03b, CDPS09, CH11, CDS10, CKSW08, DKB+16, DWL08, DRF12, Des04, Des06, DGP+05, DGE+09, DSW09, DFY14, EMP+12, ESP08, EBM12, EMK09, ESK03a, ESK03b, FWX+13, FAVM09, FGT+16, GP09, GPK+12, GMC+06, GE04, GBP05, HRS+14, HM15, HMA15, HP04, HWC+05, HREB11, HL03c, IEKM16, JW+06, JL+06, JK05, KPRW05, KT09, Kaz15, KR05, KCL06, KMHG13, Kim15, Kob03a, Kob03b, KSH04, Kob05, Kol08, KQWM08, KB+14, LT17, Lai13, LGH13, LJN02, LTB19, LCL+06, LTH08, LJJ+09, LQZ13, LJBA13, LPG10, LCLJ10, LLW12, MS10a, MS12, MK05, MCM+12, MBG+12, MSW12, MPM+14, MPWC13, MMHL08, NW+16, OZ06].

**Geometry-Aware** [CK13, YSL08]. **Geometry-Driven** [VS10, LCL+06, MMHL08].

**Geosemantic** [SAG+13]. **Geospatial** [AKV15, BMH+12, BMS+10, CBC+15, CBSF07, CKS+15, CKS+16, DKG15, RHM+12, MS10a, MS12, MK05, MCM+12, MBG+12, MSW12, MPM+14, MPWC13, MMHL08, NW+16, OZ06].

**Geometry** [Pat16, PHK+10, PPM+16, PFC+05, PKS11, PK15, RL09, Rus10, SWP+08, SG96a, STK08, SZAB04, SCM+19, SY12b, SLS+06, She12, SP06, SL+12, SFL+16, SYT+13, SSB05, SJW+11, TSS+11, VC04, VL08, VS10, Vel99, VMG09, WC05, WKM15, WLJ+18, WCX+13, WDAH10, YSL08, YGL+09, YH13, ZRKS05, ZFY+13, ZSW+10b, ZYF13, ZYW+13, ZIM13, de 97, BL14b, PCF05, Sbe93, VB14b, YDT+18]. **Geometry-Aware** [CK13, YSL08]. **Geometry-Driven** [VS10, LCL+06, MMHL08].

**Geochemical** [SAG+13]. **Geospatial** [AKV15, BMH+12, BMS+10, CBC+15, CBSF07, CKS+15, CKS+16, DKG15, RHM+12, SVL+12, WTLY12, vDHO16]. **Gerd** [Ano07b]. **Germany** [Duc98, Enc81, KSH04, Kon06, PS10]. **Gestalt** [KNH+18]. **Gestaltlines** [BNR+13]. **Gestural** [Duk95, KMB94]. **Gesture** [EBSC99, BH93]. **Gestures** [ATF12, JL08, KHIK01, LAFT12, SHW+18, SSK07]. **Getting** [SSS+98].

**GGX** [TH17]. **Ghosted** [BGCP11]. **Ghosting** [SW11]. **Gigayay** [BOB13]. **GigaSample** [TRAW12]. **Gino** [Duc82b]. **Girona** [NSGP06]. **GIS** [Bar93, But94, GL94a, GL94b, NDD14]. **GIS-product** [Bar93]. **GIS-processing** [THN93]. **GizMOs** [PCK09]. **GKS** [Ano87b, AHR85, AH99, Bak88, Bak91a, BBMR88, BP83a, BHM87, Dam91, DDR93, DD92, ELM+83, End83a, End84a, FCP+90, Fre90, GD85, Her84, HR85, HM86, Mac84, MA85, Mil87, Mil88a, Min87, Mum86, ND94, PNR89, RGM85, Ric87c, Ros83, SC84, SK86, SMA64, Sla84, SAH91, Ste84, WH99, ten82b]. **GKS-3D** [Fre90, PNR89]. **GKS-9x** [DDR93, ND94]. **GKS-Based** [Mil88a]. **GKS-Implementations** [End83a]. **GKS/GKS** [PKN99]. **GKS/GKS-3D** [PNR99]. **Glare** [KMN+05, RIF+09]. **Glasgow** [Kil85, Mat86]. **Glass** [AAS+16]. **Global** [BW00, BRDC12, BEM11, BEEM15, BEJM15, BWS03a, BWS03b, BLK11, BBL+09, BB12b, BAJ09, BMB15a, BMB15b, CLC12, CAE08, DDM03,
Global-Illumination [HLS96]. Globally [FACO17, PSDB +10, SSG17, SEG +14, WSC06]. Globes [YJD +18]. Gloss [BPV18]. Glossy [DBK11, GD01, LWLD11, SSG +00, Tok15b, XWB15, YWY08]. Glowing [WW11]. Glycogen [ACAA +19]. Glycogen-derived [ACAA +19]. Glyph [JKLS10, KJC +09, LCP +12, MVB +17, SK10, YWS +14]. Glyph-Based [LCP +12, MVB +17, KJC +09]. Glyphs [CAB +16, GRT19, KWD14, SK10, WPHC16, HSJW14]. Goal [PJJ +11, ZV09]. Goal-based [PJJ +11]. Goal-Driven [ZV09]. Gődel [GMDW09]. Good [KP18, MB08, SP03a, SP03b, SNLH09, VBP +09]. GosiP [Fre90]. Gouraud [Nar95]. Governing [NHL16]. GPGPU [EPAS11]. gProximity [LMM10]. GPU [ASK14, AGG +08, AWJ13, BHP15, BJCW09, BWPP04, BS08, BBA08, BS +09, CSI09, CLH +08, CYY +11, CZGF05, DSW09, DPH +19, DR08, ED07b, FQK08, GL01a, GGK06, HGRS +17, JBG17, JH12, JSLW14, JZYP18, KZ08, KSN08, KKS +17, KDCM14, KGR +16, KW05, LGS +09, LMM10, LMS04, LCD09a, LWY +11, LMMC07, Lov06, MW11, MS14, MMHE08, MAG19, MBG +12, MO08, MRS08, MRS18, OBGB11, PKS10, PPBP11, PC12, PGKS17, PGSS07, RS08, RLH17a, RLN06, RPLH11, RGG +14, SKNS15, SSO +10, SS09, SKK +14b, SKK +14a, SKALP05, SKU08, SKU +09, TTN +13, TWT +16, TRSKK08, VHB16, WBS +13, WSE04, WSZB08, WT11, WTYH18, YHGT10, YWY08, ZSS17, ZFE16]. GPU-Accelerated [MMHE08, MAG19]. GPU-Adapted [ZSS17]. GPU-Assisted [CSI09]. GPU-Based [RGG +14, BHP15, RPLH11, TRSKK08, BWPP04, CLH +08, DSW09, GGK06, KSN08, LMM10, LMS04, MW11, MRS08, MRS18, PC12, SS09, TTN +13, TWT +16, WSE04, YWY08]. GPU-Friendly [KGR +16]. GPUs [HKSO9, HHRZ12, HLJ +13, KBS11a, KHH +09, LGS +09, LCD10, MRS17, VH15]. GrabCut [CPZ +15]. Graceful [DO00]. Gradation [MTCT84]. Gradient [BYM18, CRGZ10, CGBG13, DMCN +17, GCP +09, HOB +19, HGNH17, HGP +19, LJL17, LTKD15, LKSD17, MVZ16, MBJC13, NNN11, NCKG00, PBE18, RLZG08, RLH +17b, RLMB +14, RLGH15, SBE19, VK18, WTL15, WZL +17, XM09, XWL +15]. Gradient-Based [NNN11, DMCN +17, RLZG08, RLGH15]. Gradient-Domain [BYM18, HOB +19, HGNH17, HGP +19, MVZ16, RLH +17b]. Gradient-Guided [SBE19]. Gradient-Index [CRGZ10].
Gradient-Preserving [WZL+17, XM09]. Gradients [HYZ+14, JZJ08a, LSW09]. Graffinity [KLS+17]. GRAFTLOG [PKL88].

Hand-colored [FLJ+14]. Hand-drawn [SDC09]. Hand-held [LLCZ16]. Hand-Sketched [Pud94]. Handed [SG97, TGS96]. Handling [DO00, Edm83, FML06, FM15, GOT+07, HEW15, LPH+15, MFW18, OTSG09, SM86, TL16, TDNL18, TW+16, WMLM99]. Handwriting [CLJ+15]. Handy [MK99]. Haptic [ADJ+01, FM+00, HS04, LLHY99, LPH+15, MFW18, OTSG09, SM86, TL16, TDNL18, TW+16, WMLM99]. Haptics [DYN04, HS04, NC99, SLS04]. Handy [MK99]. Haptic [ADJ+01, FMB+00, HS04, LD03, LD07, LS96b, TCH+03a, TCH+03b, MS96a]. Hardware [And10, BIMO04, BWPP04, Bla88, BS02, BS03a, BS03b, BH15, Cla88, Cla89, CZGF05, DS02a, Den03a, Den03b, DKS01, DL04, Ert02, GI18, IDN02, KZ08, Kan04, KW05, LBG16, LMS04, LMLG15, LMPD15, LLHY09, Lis90, LCD09b, MPT98, MMF10, NKF+16, OLG+07, RPZ02, SM10, SCD05, SPH+09, SG03, SDHD17, SOM04, SKALP05, TGM12, VKJ+17, VOS+10, YWB03, Sun92, Ano95a, Ano96a, Ano98-30, Kui91, Sch98]. Hardware-Accelerated [KZ08, LMS04]. Hardware-Assisted [MMF10]. Hardware-Based [DS02a, LMPD15, MPT98, BS03a, Den03a]. Harmful [WGS04]. Harmonic [HCW17, HCW19, LPG10, MKB+08, SFI+16, XSI06, ZRK05, KBB+13]. Harmonics [JCJ09, MRCB18, VL08]. Harmonization [LPSB18, MWS+16]. Hashing [CJC+09]. Hatching [USSK11, ZISS04, Bak90]. Hausdorff [CCSG+09]. Having [SM14a, SMAB02]. Hazards [CKS+15]. Haze [Wil87b]. Hazy [BPV18]. HCCMeshes [KBK+10]. HCI [RPA+15]. HDR [BDA+09, DMHS08, EWMU13, GPR+15, KR19, MBDC15, MCHAM08, SBB14, SHG+16, SKMS06, TAEE15, TAE16, ZBW11]. HDR-Video [EWMU13]. HDTV [Ste85]. Head [MH07, MG95, SS00, TGS96, WRK+16, WO94, DPT+08]. Head-eye [MH07]. Head-Mounted [WRK+16, WO94]. Head-Slaved [SS00]. Head-Tracked [TGS96]. Hearing [RB03a, RB03b]. Heat [PVT+09]. Heavier [SII97]. Heavy [CBKK+19]. Height [HMA15, NS09, SN08, TW10, Tim12]. Heightfield [RK09b]. Held [tHS90, Kje91a, LLCZ16]. Helical [KOB+08]. Helices [Ber09, HWAG09, LZSCO09]. Hemispherical [MBB19]. Hemodynamics [NLB+13]. Heras [Ano05c]. Heritage [Arn08, CL99, DCPS08, GBU00, HB18+12, PPR+16, PSK09, SCP+17, VPP+04, ZOT08, AJL+11]. Heritage [AJL+11]. Hermite [FS08, IYS+13, MGV11]. Hermitian [GBS99]. Hero [WND+14]. Hershey [Gos86]. Heterogeneous [BAAM17, BDF+14, ENSD12, KR+15, LSS+12, MB99, NG03a, NG03b, RGG18, SDS+16, SHZD17, SMTG07, WWH+10, ZHC+16, ZM16]. Heterojunction [ASB+17]. Heuristic [SSS+12, WGS04]. Hex [GHX+17, GSZ11]. Hex-mesh [GHX+17]. Hexagonal [Liu03a, Liu03b]. Hexahedral [CAS+19, LMP16, XGDC17]. Hexahedralization [Tak19]. Hidden [FA87, Hea89, HB92, JD98, LS89, MCB16, SD94a, Ska87, Tam82, YLK08, ZDJ16, SDD+92]. Hidden-Line [Ska87]. Hidden-picture [YLK08].
Hiding \cite{WC05}. Hierarchal \cite{YFGL09}. Hierarchical \cite{Ano99m,AMS08,AP10b,BJCO03a,BJCO03b,BCG96,BV99,BWPP04,BL18,CSN04,CNKL13,CH09,DHS04,DGV08,DHP+99,Dwct90,FWPS11,FML06,GPGB11,GSA03a,GSA03b,GE98,GRT14,HB96,HDS09,HMB17,Hew84b,HGRS17,HVP,HS98,HRJ11,JKH11,KBL19,KKS+17,KBK10,KSS+97,LA05,LMM10,LWS18,LH+13,LM+09,MS11b,MP+98,BW+09,BM+99,NJ04,NSW09,N+03a,N+03b,NP00,O+02,PK11,PKPH09,PH+16,Sh+97,SSSS+99,SMG10,TF15,UKCB15,VK18,VRC+17,VHH+13,WGB+88,ZH12,vP+12,HMP93,GH96]. Hierarchical-Culling \cite{KBK+10}. Hierarchically \cite{CZCE08,HV08,PC92}. Hierarchies \cite{Ar+12,BHH13,BM15,CH09,DK08,DLW11,GB+15,LL09,MPT+98,MB97,MBW08,MB+99,NJ04,NSW09,N+03a,N+03b,OP00,PA+11,PK+09,PH+16,SH+97,SSSS+99,SMG10,TF15,UKCB15,VK18,VB+13,WGB+16,ZHI2}. Hierarchy \cite{CDP95,KBLE19,yKLO8,ML03,MB+18,PPD98}. Hierarchyless \cite{DGGP05}. HiFiVE \cite{SSSSW13}. High \cite{ABD10,AFK+14,ASH15,BDA+09,BAT11,BA+09,BEL87,BBDM85,BHU10a,CS09,CLK14,CGG+03a,CGG+03b,CS+18,DW13,Dn+86,DER+10,DMAL10,DMAC03a,DMAC03b,DC09,DZ+08,EMP+12,EHH+13,FR11,FAYM09,FGT+16,GLBH09,GO15,GBW16,GPR+14,GBP07,HK09,HE+01,HS+09,H+18,JPN15,K+08,KB+15,KK08,KK+18,Kl+06,KS+05,KBK13,LCC+17,LTB19,LK+15,LWB+14,LWT+15,LBJ+16,L+97,L+97,M+18,M+18,M+09,LRBD18,MSW10,MR+08,MH+00,NS01,PS+12,PK+08,PH+16,PGS+07,RP+11,SBE+16b,SH+16,SGM+17,SGY+11,ST+18,SK+05,SK+11,TTN+13,TLR+18,TSP+16,UF+10,WWV17,WH04,WHL+04,WN+17,WM+15,WW+07,WL+12,XE+14,ZS+04,ZLY+17,vCv+16,EM+17,HK+92,SHD+16,SNL+09}. high-degree \cite{SH+16}. High-Dimensional \cite{ABD10,FR+11,LTB19,LA+16,PGS+07,RP+11,SBE+16b,SH+16,SGM+17,SGY+11,ST+18,SK+05,SK+11,TTN+13,TLR+18,TSP+16,UF+10,WWV17,WH04,WHL+04,WN+17,WM+15,WW+07,WL+12,XE+14,ZS+04,ZLY+17,vCv+16,EM+17,HK+92,SHD+16,SNL+09}. High-Fidelity \cite{DD+09}. High-Frequency \cite{TM13}. High-Level \cite{BB+18,HK+92}. High-Order \cite{GO15}. High-Quality \cite{BHU10a,CS+18,DW13,FAYM09,GBP07,HS+09,K+08,LS07,LD+97,MSW10,MH+00,RE+11,SBE+16b,TSP+16,UF+10,BAT11,BE+11,DMD+03}. High-refresh-rate \cite{DER+10}. High-Resolution \cite{FGT+16,GBW16,PK+08,TTN+13,KKO18,LCC+17,ZLY+17}. High-Speed \cite{LTB19,SGM+17,WN+12,DZ+08}. Higher \cite{CAH00,DHS04,GSA03a,GSA03b,LS08,MM+14,PS+11,SK10,SH+11,UF+10,WT+04,BP+06}. Higher-Order \cite{DHS04,PS+11,SK10,UF+10}. Highlighting \cite{GP18}. Highlights \cite{LWDB+10,RGB+14}. Highly \cite{CR+16,DG95,R+97,SSK+07,SP+10}. Hilbert \cite{SSSSW13}. Histogram \cite{KMAB15,LF+15,WC+15}. Histograms \cite{LS15}. Histology \cite{GHB+17}. HistoPyramids \cite{DZ+08}. Historical
MDD$^{+10}$, PHM$^{+14}$, PCF05, RTK$^{+14}$, SPK10, SiKDM05, SWG08, TW10, VB14a, VF14, WGO$^{+14}$, ZSW$^{+10b}$, ZH14, vdCAvW14]. III

[BK05a, CVCH14, GDAU14, HWC$^{+14}$, JZW14, PSP$^{+14}$, PFC$^{+05}$, SPCR14, SLKL14, TPSH14b]. IIISPH [CIPT14]. Illuminant [NBK14]. Illuminated [JVS$^{+12}$, SW09]. Illumination [ACG$^{+17}$, AHT04, BCD$^{+13}$, BRDC12, BEM11, BEEM15, BEJM15, BWS03a, BWS03b, BELD13, BD16, BGB08b, BBL$^{+09}$, BB12b, BAJ08, BMB15a, BMB15b, CJZW12, CLC12, CSC$^{+18}$, CAM08a, CAM08b, CAE08, CDPS09, CNS$^{+11}$, DDM03, DKL10, DDB$^{+09}$, ENSB13, FDP04, FLBS07, GPKS12, GCP$^{+09}$, GSA03a, GSA03b, GD01, GKD07, GRC13, GWV08, GRR$^{+16}$, HVAPB08, He01, HVVR18, HHH$^{+07}$, HMB09, HP02, HREB11, HLS96, IFL13, IDN03b, JL06, JYSR14, JMD15, KS13a, KD13, KPD10, KTO11, KC08, LddLRB16, LVV18, LWS$^{+13}$, MTR08, MR17, MBR$^{+13}$, MSW04, MC10b, NKL10, NSW09, NNDJ12, NS09, NKF09, PLPB07, RGG15, REH$^{+11}$, RDGK12, SSSK04a, SNRS12, STK08, SW04a, SIP07, SP01, SYC10, SCNC11, SHD15, SPS95, SJ13b, SS097, SSG$^{+00}$, SSGM17, SW99, SSSK04b, SK99, SKCA01, Tsisk13, Tok15b].

Illumination [Tok15a, WGS04, WS03a, WL08, WD$^{+08}$, WA09, WHB$^{+13}$, WMB15, WW18, WW09b, XSSM13, XZXC13, XZWB17, YWC$^{+10}$, YW97, YW08, YIC$^{+09}$, ZSP98, ZZWC16, ZM16, ZZLX17, ZBA$^{+07}$, BPZ96, DF93, PM93, SNJ$^{+14}$]. Illumination-driven [RGG15]. Illumination-related [CDPS09]. Illumination-Varying [LVV18]. IlluminationCut [BMB15a].

Illuminations [NN89]. Illustrate [CRY11]. Illustrating [SE10]. Illustration [BCD01, CLE07, FLJ$^{+14}$, JBMC10, LKEP14, LCUR14, RLMB$^{+14}$, JR08]. illustration-inspired [JR08]. Illustrations [Ano98t, CLME09, DWE02, DWE03a, DWE03b, FMS01, WT11]. Illustrative [ABG$^{+12}$, BDDV12, BG07, CSF12, CYY$^{+11}$, HGH$^{+11}$, JBB$^{+08}$, LMP13, LVP11, LPSV14, LS$^{+17}$, MM08, OVV10, RBG08, RSTK08, RMH$^{+18}$, STK12, vdZLBI11, DD92]. Image [ASW14, AAB09, AR06, ABB$^{+07}$, Ano97-31, Ano04c, Ano05c, Ano06c, Ano07b, AR95, ARM$^{+15}$, AHT04, AW07, AGJ12, AEWQ$^{+15}$, AEOCK16, BCN11a, BCD$^{+13}$, BEM11, BCS96, BH11, BCK$^{+12}$, BKPBI7, BP19, BD04, BMS$^{+12}$, Cad08, CHM$^{+13}$, CG16a, CJFH14, CRC$^{+15}$, CSD11, CJSW12, CG16b, CP$^{+15}$, CCTL12, CNKI13, CYJ02, CDPS09, CL09, DTV15, DRA10, DD$^{+17}$, DDV$^{+02}$, DSH$^{+17}$, DJZ$^{+09}$, DMA03b, DJM12, Dut04, Edm83, EWMU13, EKFM12, EIKM16, EK03a, ESK03b, FMB$^{+00}$, FCH$^{+06}$, FP04, FCLO10, FDH$^{+15}$, FAC017, FLW00, GMY97, GMLMG12, GO15, GCW15, GHH01, GW07, GD10, GTK$^{+12}$, GVW06, GCL$^{+06}$, GLGW12, HK09a, HW16, HA11, HDL11, HF16, HM15, HCA$^{+12}$, HH02, HFE13, xHM09, HZF10, HZ11, HZMH14, HWL18, HCG08, HGH$^{+11}$, IEH$^{+14}$, IEK$^{+14}$, IEKM16, IY10, Jes16, JESG12, JWL$^{+13}$, KS13a, KL08, KMG96]. Image [KFG09, KWSH$^{+13}$, hKAC07, KSL$^{+08}$, KS10, KrJC$^{+11}$, KGAC15, KKL16a, KS07, KKD09, KK11b, LB06, LW95, LG19, LD06, LLC11, LCC13, LVV18,
LAA08, LJH10, LZF+15, LWL+16b, LB19, LCG10, LJZX15, LEE17, LLC13, LWS+16, LSS+18, LLB+10, LYP+08, LWX+09, LLX+11, LCU14, LS15, LMGH+13, LLSC13, Lu02, MWS+16, MEM014, MTM12, MVZ16, MFPA15, MNP+17, MG87, MA91, MZT09, MG95, M+01, MTPS08, MKU15, MJL+13, MRS12, MSK06, NMP98, NLED08, NNRS15, NPCB17, NSW09, NPW10, NBA18, NREM14, OS08, OAO11, PPW18, PWS12, PRS99, Par89, PCK09, PSHZ+15, PDC+19, PCR11, PK15, PBC+16, PB90, RGW05, RvBWR04, RWW16, RRK+16, RSD+12, RBDD18, RTN03a, RTN03b, RMS+08, SMH10, Sa96, SS96a, SSK05, SSK+05, SKZ13, SD09, SC10, SSCO09, SO12, SHJ+16, SDK+15, SC08a, SPK10, SKWL13, SLCZ09, SJ09b, SJ13c. Image [SGEM16, SLAM08, SPVT14, SW04b, SPSK13, SGSP15, SFLP18, TE99, TH99, TBKP12, TE10, TTW90, TDDD18, TSP05, TUD11, TCH15, TW96, VSD09, VCL+11, WPG02, WH04, WL08, WZM13, WK15, WPG07, WHCO08, WSBZ08, WWL+13, WKM85, WSL10, WMTG05, WC02, X09, X10, XXZC13, XTJ+07, XGL+07, XWT+09, XSQ13, XADR13, XWT+08, YXX14, YWC+10, YZL17, YD88, YLD+18, YN00, YLMH14, ZCW+15, ZCMD09, ZH12, ZL113, ZL115, ZFC+13, ZJ18, ZF+16, ZLZ+18, vdcW17, BHT19, DZD+16, Hor90, HHS14, Koc93, LW92, HRRR18]. Image-Based [CSD11, CDPS09, DJZ+09, FCOL00, GHH01, GD10, HK09a, HCG08, LLB+10, MRS12, MSK06, NLED08, OS08, RMS+08, SLCZ09, TE10, VSD09, VCL+11, WLM13, XWT+08, YN00, BP19, CYJ02, Dut04, RKR+16, RBDD18]. Image-Guided [CJFH14]. Image-Space [AHT04, GW07, NSW09, NPW10, SGEM16]. Image-Swept [WC02]. Image-to-Geometry [CDPS09]. Image/Video [DRA10]. Imagery [AVR10]. Imagery [ACA18, BPBD08, Han05, LTK12, MK11, Hol94]. Images [ABD10, AVR10, AO86, AO87, AO89, AR+15, AECOK16, BKB+12, BKY+16, BBAM12, BRWM18, BBPV03a, BBPV03b, BSV04, BAHS06, BE95, CH+13, CIXH17, CHL08, Chr86, DZD+16, DPPL00, DJM12, EKIM16, FAC01, GMLMG12, GEZ+17, GP09, GCZ+12, GRPS14, GG15, HLM97, HMT113, HM15, HK09c, xHMC09, IEK16, IRWM17, Jes16, JBS+06, KKBJ16, KPIA01, KWSH+13, KOS07, KLTZ16, KLD+09, KG18, KMS05, KYC16, LJL17, LJH10, LM15, LJL+18, LEE17, LUC19, Lie17, LCU14, LML15, LL19, LDY10, MES+11, OVB+15, PK10, PH17, PK15, PNVS17, RGW05, RL+17b, RWPS8, RWSG13, RM89, SKMS06, SLTM10, SKWL13, SLK14, SLAM08, SP1K13, TM13, TX16, TAE16, WWV17, WO2, WKM15, WSBZ08, WW09b, WOB09, WCM15, XSS+15, YCL+17, YFWR11, YMMS06, ZR96a, ZCW+15, ZHM08, ZHZH15, ZLYL17, ZDJ16, ZVE+14, BYB09, CFT16, FLBS07, HGW92, PC92]. Images [ZR96b, BB14, CVCH14, CUA+14, DKL+14, EKB14, HHS14, JCT14, PHM+14, PSP+14, SBB14, SPCR14]. Imaging [AGP08, BD07, BDA+09, BPBD08, CLK14, DMHS08, D+13, Fd098, FHL+08, HA11, HHCN19, HZM14, JNX+08, KTMN07, KK08, KTKL14, KS07, KMS07, KB12, LAA08, MS08, MRT08, NSG06, NKB14, POB+07,
PKE17, RKN12, SHG⁺16, SSB⁺14, SL08, TSY⁺07, TDMS14, TAAE16, WILH11, WLI⁺12, YXX14, YMS10, ZTW⁺12, ZBW11, BB14, BG93, CS93].
imMens [LHJ13].
Immersive [FFN18, Fuc04, MSWK02, MCG19, RvBWR04, SPV⁺10, VGSS04].
Immune [HPvU⁺16]. Impact [BJA⁺15, CCH⁺14, Saw07, SHK15, WBF⁺17, ZLMM16, BHT19, VW91, ZLM⁺15].
Impaired [CJP⁺19, RB03a, RB03b]. Impersonal [BBH13, JKL⁺16, REH⁺11].
Implementation [Day90, ELM⁺83, FBW01, IABT11, Mac84, NB94, OP10, PL94, SC84, DDR93, NS93, VW91]. Implementations [End84a, WH89, MMAG93, End83a]. Implementer [MN87]. Implementing [Ara94, AH89, SPS94]. implements [MS93]. Implicit [AG01, Ano95b, BDS03, BBCW10, BTG95, CBS96, EBGM12, FJW⁺05, FAT07, GMW04, Har97, HJ99, KHK⁺09, KFA⁺10, LWP⁺04, Li07, MS10b, NOS09, OTSG09, PP11, PGBT18, QPCR19, RRS97b, SKZ11, SYC10, She99, SS96b, TDF⁺15, TSYK01, VVC⁺11, WSC06, WKBB18, WGG99, ZLKW13, dGWB⁺14, DTC96, Guo93, KHR02, RRS97a, VG96, dS96]. Inplicits [MGV11]. Importance [CLH⁺08, CAM08b, CAE08, GKPS12, HD14b, HEV⁺16, HH10, JCJ09, KS11, KC08, KF12, LPG13, MW11, MMP08, NNSK99a, OKP12, SHSK16, SWB98, SB98, SSSK04b, SKS09, WA09, WK12b, ZZ19, PM93, RRS12]. Important [CJW⁺09, LLY09, WDR09]. Impossible [SDG99]. Impostor [ABC⁺04, HMDO05, SDB97]. Impostor-Based [ABC⁺04]. Impostors [ABB⁺07, ABCN10, O’H02, PMDS06, SKALP05, DSSD99]. ImpPrEd [SAAB11]. Impressions [Ano97-32, Kid82, RSD⁺88, Wat82]. Improve [HBO⁺10, OAJ14, OP10]. Improved [CXY11, CS18, DTA94, FC10, HKD15, Jes16, LLA06, LW18, NPD11, NC10, NMR⁺18, PR12, XSS17, SAAB11, VMM99, WOO2, WZK16, ZHL18, ZHD18]. Improvement [AMR⁺17]. Improving [Bik12, CCI13, GKB⁺11, GLGW12, HLS12, HL14, HR87, LYG15, LS15, MSSK08, MHD16, NBCW⁺11, Ren16, SHD15]. Impulse [BW00]. Impulses [Ye08]. IMUs [vMRBPM17]. In-Class [BB07]. In-Core [Bik12]. In-front-of [CCC⁺14]. In-Kernel [HLJ⁺13]. In-Out [MTR08]. In-situ [WAF⁺11]. Inaccurate [SPSK13]. Inbetweening [WNS⁺10]. Incident [NMNP98, UGLY08]. Including [Sch00, KJ92]. Inclusion [JFS09]. Incoherent [DHK08]. Incomplete [DLL⁺10, SY12b, TOZ⁺11]. Incompressible [Aan18, HLL⁺12, KS14, PGBT18, SZMTW15, TDNL18, ZHQH17, CIPT14]. Inconsistent [HHCJ18]. Incorporating [AMS16]. Increase [SSK15]. Increasing [HHNC19, LTCC18]. Incremental [COF95, GD01, GM96, HB96, KQWM08, LM96a, LM96b, LSR17, MW16, PPT⁺19, SL89, TP88, VCP09]. Independent [BPMG08, Chr86, KKS⁺12, LMLG15, MSW12, ME04, NDG17, NPW10, PGG⁺09, SVLL10, SBF15, YHGT10, KMA05, NB12].
Index [Ano98m, Ano98a, Ano04h, Ano05f, Ano06f, Ano07f, CRGZ10, DLGY12]. Indexed [Owe86, Owe87, Owe88, Owe89b, Owe94, Spec1, Owe90b, Owe92a,
Owe92b, Owe93, Owe95. **Indexing** [AKMM11, GPD09, MAM14, WCB15]. **Indicator** [MSS11, WPb+12]. **Indices** [SBLC17]. **Indirect** [BHR17, BBP08, CLC12, CNS1+11, GLCC18, GJW08, LK10, LWDB10, OKP0+8, SP01, Tok15b, Tok15a, YWC+10]. **Individual** [SSSB07, SK16b, ZK09]. **Individualized** [WL10, DPT+12]. **Indoor** [FML06, KMHG13, LTX+14, SHL+14, WCM15, MPM+14]. **Induced** [GZ17, RCMA+18]. **Industry** [ML91]. **Inertial** [GT15, GT16a, GT16b, GG17, RGG18, vMRBPM17]. **Inexact** [YLD+18]. **Inexpensive** [ACV+14, HAML05, Sch94b, WH04]. **Inextensible** [SHCB15, Ye08]. **Inference** [SBC14]. inferred [ZLDM16]. infinite [SKK14b]. **Inflation** [GHB+17]. Influence [Fra83, SPR94, SF92]. **Information** [ABK+19, Ano11a, Ano11b, Ano12a, Ano12b, Ano12c, Ano13c, Ano13d, Ano14a, Ano14b, Ano14c, Ano15i, Ano15g, Ano15h, Ano16j, Ano16k, Ano16i, Ano17b, Ano17i, Ano17j, Ano18i, Ano18j, Ano19f, BBR+16, BBK+18, BSG+95, BMB+13, CDPS09, DAF+18, DCPS08, DCG87, FdABS99, FFN18, HPK+16, HDM98, JEO00, KCB97, ML17, MSK14, PCS94, RL19, RLH17a, Rob93, RMZ13, SD94a, TLM16, TK98, Váz07, WC05, WDM+12, WLS13, XWY+15, ZC18, vvT84, DBS+11, GBM+19, HS92, Sam93b]. Information-Based [XWY+15]. Information-Theoretic [BRB+13, ZC18]. Informed [FBT99, ZCC14]. InfoVis [BNRS13, HSBW13, vdEvW13]. Infrared [WDC+08]. Infrastructures [BAA+16]. **Inherent** [WJDZ14]. Inhomogeneous [RZLG08, SKTM11, SKGM+17, SKMS18, YIC+11, ZSL+17, PCF05]. Initial [DDtR94, IOI06]. initialization [SKSK07]. **Injective** [HCW19, JHT14, SKPSH13]. Ink [FJW+05, FMS01, LCCC13, SO12, SFWS03a, SFWS03b, HLJ+13]. InK-Compact [HLJ+13]. Inlay [SG08]. Innovation [Kin95]. Inpainting [LZL+15]. Input [ADJ+01, Dvt90, GM96, Ros82, Ros83, Rus01, SAHt91, SPSK13, van90, vt87, FZ92, FS92]. Inputs [LLCZ16], inquiry [End83a]. Ins [KFA+10]. Insect [LWPL15, WJDZ14]. Insects [GCY+14]. Insertion [BH13]. Insertion-Based [BH13]. Inserts [GRE11]. Insiders [MHK+19]. Insight [CMS94]. Inspection [NW91, PV08, RKR12]. InSpectr [AFK+14]. Inspired [Arn08, LWPL15, SW10, JR08]. Instancing [FKE13]. Instant [BG09, CZGF05, DDB+09, DGGK11, FGT+16, LDW+10, LJH10, MGY+18, ME04, SIP07, WWS01, YWHB18]. Instantaneous [KOB+08]. Institute [WG82, tHS90]. Integer [AP02, Liu94, LZY04, WSSC11, NG92]. Integral [GKKT13, IFDN12, LKEP14, MBB19, Rok97, YR97, ZBQC13, She93]. Integrals [MBR+13]. Integrated [GBU00, GHB+17, GRPF16, JKJL18, MFD+86, SMS+17, WE97, vKB94, DTKT93]. Integrating [ASVNB00, CBK+17, ERT+17, HM91, HKMS08, MHK+19, MCT01, Mum88, PH96, Sam93a]. Integration [FR00, Fuc04, GT16a, IOI06, Joo86, LJN02, MLP+10, NBMJ14, PO85, SKZF11, SHZD17, SDB99, SKFNC97, YW97.
Integrations [MLP+10].
Intelligence [LMT]18, [MLK]13, [SD10b]. Integration-Based [MLP+10].
[Ano]09d, [AG06], [ATF]12, [BCB]15, [BP98], [BEM]11, [BEJ]04, [BET]14, [BWS]03a,
Inverse-Kinematics [RSC01]. Inversion [CRW09, GdA17, GT16a, LGZ+16]. Inversion-Free [LGZ+16]. Inverted Pendulum-based [HKS18]. Invertible [ZZL+17]. Investigating [Ros13, SE19, WSK+19]. Investigation [BJB+18, TSYK01]. Investigative [WMS+08]. Invisible [RNLL10]. Invited [Ake11, Ano8c, Ano09b, Ano15a, Baj03a, Col05, Coo05, Des04, Dut04, Ede06, Fuc04, Han05, Jen07, Kie06, Kob03b, Pos11b, Pur03a, Sár07, Saw07, Sta06, Thi11]. iPCA [JZF+09]. Ireland [Che06, HP95]. Iris [LB06]. Irradiance [BGB08b, JZJ08a, JR16, MRMH12, MC10b, RCB11, SiKDM05, Ure00]. Irregular [AKSA09, BV09, CKK18, GP87, KMD+17, MCHW18, NOS09, PGKS17, RSK12, WW99]. Irregularly [DLC05]. Irreversible [KFR18]. ISHair [OKKP12]. Islamic [AS92]. Iso [BHU10b, FKRW16, GE98, Ano84b, Bak91a, Bon85, Gal84, tH83b]. Iso-Contours [FKRW16]. Iso-geometric [BU010b]. Iso-Surface [GE98]. ISO/TC97/SC5/WG2 [Gal84, tH83b]. IsoMatch [FDH+15]. Isometric [AE97, Flu95, Gsto16, HAWG08, OMMG10, SY11, SY12a, SY13, TSB16, ABCJ10]. Isometry [CBSS17]. Isometry-Aware [CBSS17]. Isosurface [BM10, CL03a, CL03b, HB94, LCD09a, LCD10, MFE08, MRL10, PWH98, RW08, SBD15a]. Isosurfaces [BW13, CGT+15, CWA+08, Gro16, HSS+05, MS10b, MJC01, OB01, PRW11, The02b, WLS13]. Isosurfacing [LCDW16]. Isothetic [JA95]. Isotopic [DLRW09]. Isotropic [CCW12, CR16b, DLY+18, YLL+09, ZWY+13]. Isotropically [LW17]. Issue [Ano11a, Ano11b, Ano12a, Ano12b, Ano12c, Ano13c, Ano13d, Ano13e, Ano14a, Ano14b, Ano14c, Ano15i, Ano15g, Ano15h, Ano16j, Ano16k, Ano16h, Ano16i, Ano17h, Ano17i, Ano17j, Ano18i, Ano18j, Ano19f]. Issues [Kin95, Pat95, Pur03a, Pur03b, Sco02, vJB85]. Italy [ACMS0, SvZ95, SP06, MRS06]. Items [vdCvW16]. Iteration [Gda17, SK99, SKCA01]. Iterations [DHI+15, Szy91a]. Iterative [BTP13, BMS+12, SBC16, SG08, WH17a, YLY+16, MRL10, TBKP12]. IV [BK05b, JKS05, WC05, ZRKS05]. iVisClustering [LKD12].
kaleidoscopes [PR93]. Karner [Ano06c]. kd [VHB16, PGSS07, SR19, SSK07, XL10]. KD-Tree [PGSS07, XL10, SSK07]. kd-Trees [VHB16, SR19]. kDet [WDZ17]. Kelemen [Ano04c]. Kelp [DvKSW12]. Kernel [AAS17, BS08, BLTD17, Enc98, GUS12, HLJ+13, HET12, OMMG10, ÖGG09, WGBS18]. Kernels [AAS17, BS12a, BLTD17, CG16c, LJC17, Pat16, Pat17, Ros13, Rus11, SR14]. Key [LLD10, PZDD19, ZC18]. Key-Pose [LLD10]. Keyframe [MAA+09]. Keynote [McC11]. Keyword [Owe86, Owe87, Owe88, Owe89b, Owe94, Owe90b, Owe92a, Owe92b, Owe93, Owe95]. Keyword-Indexed [Owe86, Owe87, Owe88, Owe89b, Owe94, Owe90b, Owe92a, Owe92b, Owe93, Owe95]. Killing [SBCBG11b, BCBSG10]. Kinect [WZ15]. Kinematic [BSK+13, KVD+10, BT92]. Kinematics [ALCS18, Col05, HSmCY13, HWF+17, KOB+08, MBBT00, RSC01]. Kinetic [PB07]. Kit [HHH12]. Klingler [SSA+08]. Knit [DS02a]. Knit-Wear [DS02a]. Knits [DPT+08, IIS08, PZY08, WL08]. Knitted [ME98]. Knitting [IIS08]. Knot [KSD14a]. Knots [ST08]. Knowledge [KARC17, PZDD19, RA94, vKTS+11]. Konrad [Ano06c]. Kubelka [ARC05]. Kubelka-Munk [ARC05]. Kuwahara [KKD09]. Kyrix [TLW+19].

L [CBSF07, ŠBM+10]. L-systems [CBSF07, ŠBM+10]. L4RW [XLL+10]. Label [BV09]. Labeling [BNN19, BRL09, LCHB12, XLLX14, YLD07, SNKS09]. Labelling [GM96, PPT+19]. lace [NW91]. Lacerations [GC96]. Lady [Duc00]. Lagrangian [AW13, CZY11, FKS+10, GWT+08, GOPT11, JS10, KySK08, KER+14, MBES16, PB07, SW10]. Lambertian [Jen97]. Lamps [BBIG17]. Landmark [JL17, KSKL13, TBW+11]. Landmark-Guided [KSKL13]. Landscape [HW10, ML17, WS01]. Landscaper [ADMAS18]. Landscapes [ADMAS18, ACV+14, CEG+18, RPP93, TON+02, BCF+05]. Landscaping [Joo86]. Langevin [CZ+11]. Language [BS90, CCP09, GC96, LO95, Mil90, NW13, PCS94, PKL88, RB03a, RB03b, RHM+12, WGK88, BH93, Sam93a, Spa85, Cal07]. Languages [Her82, Mil87, RHM+12]. Landsdown [Duc06b, Duc07, JW01]. Laplace [CLB+09, HP11, NBH18b, PPH+13, QCW+18, ZLW15]. Laplacian [PEP+11a, EKB14, FAT07, LGW18, Pat16, Pat17, SG08, VD18, VMM99, Y10]. Laplacian-based [PEP+11a]. Laplacians [HKA15, VMHB14]. Lapse [SSB+14]. Large [Afr12, ABCN10, AG06, BPM06, BHP15, Bov90, CC08, CS+18, CDG+07, Coe83, CBC+16, DWT+11, GLCC17, GRDE10, HSK+10, HJM+11, HP+U+16, HK00, IP99, KRD+15, KSN08, KLS+17, KHKS12, KS18, KHI+19, LeYTM08, LAE+12, LSS+12, LCB+18, LYP+08, LCDW16, MG87, MSDK12, MLD+18, MKO+08, MHDG11, NPDD11, NSTM19, PFH+18, PD04, PEP12, PSK09, REH+11, SM11, SHLS02, SSG17, SJ13a, SPH11, SAAF18, SK17, SMM13, SJWS13, TE10, TBP18, TsdSK13, WSSC11, WAF+11, YXX14, ZC18, vdEvW13, vLKS+11, GDAU14, ILRS03a,
ILRS03b, MPM+14, PFC+05, TAAP+16. Large-Scale
[ABCN10, BHP15, DW+11, GLCC17, HK00, KS18, KHI+19, LSS+12,
MG87, MHDG11, PD04, SM11, SPH11, TBP18, WSSC11, WAF+11, ZC18,
SMM13, GDAU14, MPM+14]. Laser [Zot08]. Lassoing [DH16]. last
[Bak91a]. Latency [WO94]. Latent
[BiA06, FMD+19, GSDG18, LJJH19, WDM+12, WBT19]. Latent-space
[FMD+19]. Lateral [HF16]. Lattice
[ABD10, EMK09, FDL14, HA17, ISYM15, NZH+18, RC18]. Lattice-Guided
[NZH+18]. Lattices [CR16b, DDKL09, FAVM09, VCRG14]. Lauren
[Ano16]. Laws [VD90, Par89]. Layer
[ESKBC17, GSDC17, HZF10, IMAW15, SC84, SDMS15, CSFP12, ISYM15,
LCD10]. Layer-Based [IMAW15]. Layered
[AHMAM15, BSW10, BKB+12, IEK+14, IRWM17, MbMYR15, MVH+14,
NAS07, RHS+12, TG98, DSSD99, LLC19]. Layers [KG18, LKC08, LSWW11,
RLMB+14]. Layout
[CK14, Dwy09, GC96, HBH18, SE02a, SE02b, WTLY12, WFLW18, ZOM19,
MVLS14, MSW19]. Layouts
[CDA+14, CLS16, CCH+14, FDH+15, GSE+14a, Gov19, KRM+17,
LSWW11, PPM+16, RRP15, SLH+18, YM06]. Laziness
[XLL+10]. Laziness-based
[XLL+10]. Lazy
[DLTD08, MAAG12]. LazyBrush
[SDC09]. LBSN
[TLFC16]. LCTS [HB00]. Leakproof
[RHv95]. Learned
[HMW+15, HKM15]. Learner [SHS+17]. Learning
[BBK+19, BB07, BLVD11, BHS+17, BZL+18, BM+15, BM16, CWGv19,
CHM+13, CSC+18, Dav07, ERT+17, GKM18, HZMH14, KKB16, KLTZ16,
Kk07, LJZX15, LGK16, LCM+09, Lcy+11, MSZ+18, NBH18a, OGW19,
PFC15, SOC19, SLCO19, SHS13, SS15b, SDKG18, SJW+11, VBP+09,
WHL+04, WPY+19, WBT19, XXLX14, XXS+15, XADR13, Z19, LBBC14].
Learning-Based [SOC19]. Learnt [SM14b]. Least
[BGS10, KBS11b, MS10a, MGB+12, PSPM12, SB99a, KBÖ+14].
[Bro90]. Left
[SSM12]. Legacy [XZP+13]. Legends
[GKB12, RLP10]. length
[FND92, JZW14]. Lens
[BTS+17b, BCN11b, HHH12, LE13, LK17, LZQ13, SMSL17, SDH11, ZZ17].
Lens-Flare [LE13]. Lenses
[JKL+16, KTMN07, LSS98, TGK+17, HD14a, SHD16]. Less [OHBKH09].
LeSSS [HMW+15]. Letterform [Sch00]. Letters [Pet10]. Leuven [LMD04].
Level [AFK+14, ABNC10, BK03a, BK03b, CJ13+09, CSK08, DN08,
HFM10, HBBH18, HREB11, JKL13, KBS11a, KVS+14, KWN+14, KDCM14,
LPD14, LWBP14, LMMC07, LZB17, MB97, MMS07, MBW+05, NJB+11,
SW08a, SBD15a, SRK13, STKD12, SG03, Ste84, SW04b, TSB16, VCRG14,
WDM+12, WLS13, Wei04, XSE14, YSL08, ZBM+17, BS02, HK16, HK92,
JWL+13, MVLS14, MKO+08, Dam91, XXY+18]. Level-of-Abstraction
[STKD12]. Level-of-Detail [HREB11, KDCM14, SW08a, SRK13].
Level-Set [BK03a, BK03b, Wei04]. Level-set-based [WLS13]. Levels
[ASVN00, MBDC15, OCV+02, PFR+14, WT11]. Levels-of-Detail
[PFR+14]. Library
[AHR13, Vel99, WT93]. lichen [DGA04]. LIDAR
[BCWR08, PW17, WXR+16, vKvLV13]. **LiDAR-Based** [PW17]. **Lie** [SAD+16]. **Lie-Algebra** [SAD+16]. **Life** [JNX+08, KOB+08, MMHL08, WVKR08]. **Lifted** [PP09b]. **Lifting** [NSC14].

**ligand** [VHG+18]. **Light** [AGG+08, AHL+06, BVP95, BB12a, BOZ13, BP01, BH15, CLG+18, CCC08, CZGF05, DZD+16, DKL10, DLD12, DKYN96, EBA+09, FKR13, GLCC18, GEZ+17, GPK+12, GHH01, GP18, GPR514, HK15, HDF15, HVAPB08, HH10, HHS14, HR10, JVS+12, JM15, JA18, JR16, KD13, KSKAC02, KPD10, KKK09, KO04, LB06, LDdLR16, LF10, LHH+13, LCM+06, LMGH+13, MPP08, MDS14, MGN17, MMRO13, NIDN16, NMNP98, NSRS13, NMT01, NGJH18, OKG+10, PdMJ14, PPD98, PP05, PSP10, PDC+19, PR15, RGG15, RKRD12, RSTK08, RSK12, SLE17, SSSK04a, SP01, SHD13, SEA08, SN08, SSSK04b, SKGM+17, TT95a, TT97, TRSKK08, TH17, UGLY08, VSG+13, V´az07, WHL10, WW11, WMTG05, Wa90, YBK+12, YWW10, YIC+12, ZBP99, ZZH15, ZBA+07, ZAD15, BB14, FLBS07, KJ92, RCM+01, SBB14]. **Light-Field** [BB12a, BB14, SBB14]. **Light-Transport** [MGN17]. **Lightcuts** [AWB08, HMD09]. **Lighting** [AMS09, BBP08, BNH10, BN12, BAJ08, CLC12, CAM08b, CNS+11, DMC94, DKN+94, DKN+95, FBP08, GLCC18, GKB+11, GKPS12, IFD12, Kau04, LK10, LWDB10, LHH+13, NAM+17, NPW10, OKP+08, PDCS12, RKRD12, SPN+16, SL01, SPF+19, SARZL10, TH17, WJB+13, WDD17, WG12, XZP+13, YWC+10, YK08, ZCG08, IMDN14, TP14b]. **Lighting-by-Example** [GLCC18]. **Lightness** [KMS05]. **Lights** [Gam16, GJW08, MT01, NNDJ12, PPD98, Tok15b, YZXW12]. **Lightweight** [GPGSK18, K ´OOH13]. **Like** [AYW14, PSCN10, SDG99, GTZM10, K ´OOH13, LS10b, OM01, TO97].

**Lims** [Neb00]. **Limited** [DBLW15, KPS+14, MCTST84, MW18b]. **Limited-Size** [MW18b]. **Limiting** [MYLZ16, TPS09]. **Line** [ABCJ10, AKMM11, BB+B16, BD16, CML+12, Che97, CW99, Elb99, FA87, Gos89, GM96, H10, KPA+01, KWOG18, K+14, Ku95, LKEP14, LJN02, LSZ0, LLW12, MHDG11, Nie95, PGG+09, SVG+08, SC08b, SHZD17, SM17, Ska87, SJW+11, Tim13, VCC+11, VW90, WJB+13, WESW17, WT11, XSQ13, YKS+19, vKB94, DZD+16, Day92, FND92, GRT14, HNJ+14, Kra92, Ska96, SDD+92, WG93]. **Line-Based** [WESW17, VVC+11]. **Line-Drawing** [BZBM+16]. **Line-Picture** [Gos89]. **Line-Plot** [MHDG11]. **Line-Sweep** [Tim13]. **lineage** [PKE15]. **Linear** [AJC11, AGJ12, BIMO04, BF09, Ber09, Büh01, HK12, HP04, IGMK+16, LA11, LBH12b, LFXX11, LYY+11, LBJ+16, Nar95, NCKG00, ÖGG09, Rok97, SSB107, SSB13, TT95a, TLRB18, TE18, WL12, WL+17, WBS+13, WSSC11, XWZB17, YYL+16, YR97, GSC18, MJBC13, RAMG15].

**Linearised** [Ben94]. **Linearization** [HD02, LP15]. **Linearly** [PGBT18]. **Lines** [AGCO13, BBW+09, BB99, CS16, CPK09, DS05a, GTG17, KSD14a, KGM+10,
Liu94, MBES16, MSSK08, ORT18, OVV10, Par86, RWP88, SWPL08, SGRT12, SP03a, SP03b, SEI10, Tam82, WW87b, ZCQ+09, DMP93, Liu93b, vKvLV11.

Lines-of-sight [AGCO13]. Link [BHR17, Bak91b, DRW15, GEY12, SSK16, SBD+15b]. Linkage [NBA19].

Linked [RSM+16, YHTG10]. Linking [IF09, ZOM19]. Linkless [CJC+09].

Linking [IF09, ZOM19]. Linkless [CJC+09].

Link¨oping [Fah85]. Links [SSSS98]. Lip [DBB+18, KK07]. Lip-Synch [KK07].

Lip [DBB+18, KK07]. Lip-Synch [KK07].

Liquid [APM+11, MB99, SHQL18]. Lobe [Tok15a]. Lobe-Aware [Tok15a]. Local [AGM+06, BCD+13, BDC18, BBA08, BJA+15, CCI08, CSG+18, CAM08a, DGY08, DBD+13, EZK08, GKB+11, GAK10, GKOM18, HW16, HCD18, HDL11, DLL+10, ITY10, KRG03, KC08, LAA08, LZZ+15, LZF+18, LG+10, SL+19, LZ+08, MTR08, MA00, MKB+05, MSK06, OTH02, OS+08, PR+19, PB11, PZY08, PCR89, PD16, PPH12, RHC08, SBE19, SKNS15, SKZ13, SJ+19, VS10, VK18, WHS+18, WCP15, WGOO8, ZHLW18, ZWRH14, ZFJ+16, ZR+13]. Local-to-global [ITY10].

Locality [Bik12, KFK94]. Localized [ČHM+13, DSC09a, DLS10, DS11b, GKS00, HYZ+14, MRCB18, WLZH17, BMM+15]. Locally [HCW19, IF+13, JHT14, KLD+09, MS11b, NP00, SKPSH13]. located [IF09]. Location [KHI+19, vDHO16]. Location-dependent [vDHO16].


Looking [JLK+16, MBM13, MIW13, NSR13, SHD16]. Lookup [RW08, SZ93]. Loop [LWY08, SLLW08]. Loops [Pic86a, SLLW15, TSK14]. loose [BR96]. Loosely [BCN03b, BCN03a].

LOR [LW18]. Lossless [PHK+10, TW96, VCP09]. Lossy [DDPL00, DDV+02, VP11, BHT19]. Loughborough [Mum86]. Louisiana [CSLG10].

Lovis [ZWRH14]. Low [ACKM16, BDA+09, BCCS12, ESKD14, GLB09, HK16, JH19, KVS+14, KHS12, KWN+14, KSS+15, KKR18, LZZ+15, LZF+18, MBRH18, WP08, PCX+18, ST18, SJF11, Tim12, VCRG14, WXL+13, ZFE16, ZFJ+16, RCM+01]. Low-Anisotropy [WP08].

Low-Complexity [Tim12]. Low-Cost [ACKM16, ESKD14, ZFE16].

Low-Dimensional [JH19]. Low-Discrepancy [PCX+18]. Low-Level [KVS+14, KWN+14, VCRG14, HK16]. Low-Memory [BCCS12].

Low-quality [WXL+13]. Low-Rank
FBL16, GUS12, GDML13, GDG12, GSGC08, GPGSK18, GI18, GBP07, GG14, HHS05, HLS12, HCW19, JRJ11, JH12, JZJ08b, JLL16, JBS06, KH02, KB12, LMD15, LWS+16, LP95, MS12, MK99, MP12a, ML17, MBDC15, MGC+16, NC16, PDP+15, PHL91, PR12, SWP11, SSO08, SC10, SFY13, SS96b, SKMS06, SJL15, SSSK04b, SKU08, UMM+10, WGS04, WG12, XWZB17, YGFL09, YD+10, YD88, YMM06, YLT19, ZFE16, ZHLW18, EMU17, GSC18, Hal99, MS08, MMTH09, NG92, RTK+14, SSGM17.

Mappings [ARLC+13, AVBC16, CG16c, JHT14, LA11, NMR+18, SHF13, SKPSH13, SBC16, VMTS10, WBCGH11].

Maps [AAB+10, ABK+19, AHL06, BTB02, BCD13, BBH13, BCRA11, BBL12, BM10, CG17, CBSS17, COS95, CKS+16, DGY12, DF90, ESKBC17, EBC17, GBKS18, HG13, HO17, JSLW14, JHT14, KFLCO13, KMK12, LT16, LG95, MR17, MH17, MRMH12, MSW04, NAS07, NBCW+11, OBCCG13, PWC09, RPK+12, REH+11, RLB+19, SVLL10, Sch01, SBC16, SDMS15, SBC14, SFY13, SNB+12, SGB13, TBP18, Vax12, WGBS18, WMZ12, WLS13, WDR09, WTH+13, WN09, YJD+18, YMYK14, YK08, ZHM08, vKZH13, PFC05].

March [Ano97z, Ano97-28, PS10].

Marching [AG01, DZTS08, HWC05, LCDW16, Muñ14, PWH11, RW08, RHv95, SW05, The02b].

Marine [DTA94].

Mario [Ano06c].

Marker [MMS07, YLD07].

Markerless [PG08, SKS07].

Markers [FBW01].

Market Analyzer [KMJE12].

Markets [ST18].

Markov [MCM16].

Marmitt [Ano07b].

Mask [FO12, SL08].

Masked [BNJ15, HHG15].

Masking [TMHD12, WPG02].

Masks [DS05a, NMMK05].

Mass [GKKT13, GT15, HH98, PP89].

Mass-Dependent [GKKT13].

Mass-Spring [HH98].

Massachusetts [LLRD07].

Massive [BGAM04, BN12, ND12, PC12, TRAW12, WML09, ZFAQ13, ZFA+16, MAG19].

Massively [VBHH14].

Massless [SL07].

Matching [AYWM14, AAB09, ATCO+10, AVBC16, BLP10, BS12b, BD04, CDM+17, COC15, CRA+17, DGP17, DLL+10, GAWJ15, HMW+15, HCSC16, HO17, KKB15, LBDB17, LBB14, NC16, NO17, OMMG10, OHG11, OMPG13, PCL16, PS018, RF96, RvBWR04, RRP15, RKN10, SPN+16, SY11, SY12a, SC16, SXY+11, SM14b, SL11, SBM+10, SCF10, TMRL14, TBW+11, WH04, WSSC11, XZX13, YYL+16, ZYF13, ZST+10, ZFCO+11, vKTS+11, vKZH13, CCFM08, DOS93].

Matchings [LB19].

MatchPad [LCP+12].

Material [AGD08, ABB+07, BSH12, BCRA11, DHI+15, FHHJ18, FVHK17, GOPT11, GMM+12, KDCM14, MRMH12, MSHD15, MC10a, NRM+12, NSRS13, ON05, PCDS12, PR12, RLW+09, SPN+16, SSN18, SKSS14, WWG07, XGL+07, XWT+08, YXZ12, YYM15, ZZT15, Ano99a, BYB09].

Material-aware [YWM15].

Materials [ABW+15, ACOM12, BCRA11, Cal96, DHI+15, FEM+19, GSDC17, HCJ13, HS17, KPD10, LLD12, LT12, LD09, LBH12a, LJB17, MG10, NKL10, NRM+12, OPP10, RK09b, SARZL10, SMTG07, SB00, TLM16, XHC+18, XDR11, ZLV15, dFH+11].

Math [JCJ09, Pic91a, SDC09, WBCG09a].

Mathematical [Pic86a, TC93].

Mathematics [Kra89].

Matrices
[BLY+11, BDF+14, LAE+12, OKK13, VB00]. Matrix [AT10, BBR+16, DRW15, GKL19, HR10, LZL+15, MRAS17, MRS18, NB94, TWT+16]. Matryoshka [Jac17]. Matter [Ano16g, Ano16a, Ano16b, Ano16c, Ano16d, Ano16e, Ano16f, Ano17a, Ano17b, Ano17c, Ano17d, Ano17e, Ano17f, Ano17g, Ano18a, Ano18b, Ano18c, Ano18d, Ano18e, Ano18f, Ano18g, Ano18h, Ano19b, Ano19c, Ano19d, Ano19e, OV10, SJ13a]. Matting [DZC11, EKFM12, GVD06, GCL+06, JWL+13, Wil06b, YZL17, SPCR14]. Max [DKC00]. Maximal [ABC+04, EMP+12, ERA+16]. Maximization [ACOM12, JRJ11]. Maximum [BG09, CS98a, HS08, KS10, Váz07]. May [Jan91, Kun04, NSGP06, SvZ95]. Mazes [WT09]. MCFTLE [GKT16]. Mean [FLJ+14]. Mean-Curvature [CK11b, KSBC12]. Mean-shift [XL10]. Mean-Variance [YB18]. Meaningful [MSHD15]. Meanings [RAmB+19]. Means [FKSS13]. Measure [AASB19, GMSK09, NNN11, SY12b, VR12]. Measured [SSN18, BSH12, SSGM17]. Measurement [BPV+09, GCP+09, GTB+13, HHNC19, KMG96, RK09a, SLS04, SW04a]. Measurement-Based [GTB+13, SLS04]. Measurements [DSH+17, RMS+08]. Measures [AKV15, CCSLT09, SA15, BHT19]. Measuring [CRS98, DCK13, JS10, KAR17, WK17]. Mechanical [NC99, UTZ16, LDB07]. Mechanism [LSZ+18]. Mechanisms [HL15]. Media [BN08b, CRGZ10, CLY17, Enc98, ENSD12, Hol15, JZJ08a, KPS+14, WF12, PP09a, RZLG08, SDS+16, SKTM11, SKGM+17, SKMS18, WDM+12, WHD17, YIC+11, GBM+19]. Medial [BS12a, BS12b, BTG95, DRF12, HCGW14, LW17, YYG18]. Median [FP94]. Medical [CNCO15, DHS+13, HMTH13, HMP+12, KMM+18, KVD+10, KBT+12, LSBP18, MK11, MMV+13, MLK+13, MP10, NJB+11, NLB+13, OJM+19, PEPM12, PBC+16, RWS+10, RPLH11, SMH01, SLB+18, vPjtHRV12, BG93]. Medicine [Baj03a, Baj03b, vdCAvW14]. Medium [SBE16a, McC11]. Meeting [Ano97q, Ano97z, Ano04g, Ano05e, Ano06c, Ano07l, Ano10c, Ano11e, Ano12f, Ano13i, Arn84, Bon85, Duz82b, Nas03, tH83b, Gal84]. Meets [SL08]. Megalithic [PL96]. MegaViews [KBLE19]. Melting [IUDN10]. Members [Ano04g, Ano05e, Ano06e, Ano07l, Ano10c, Ano11e, Ano12f, Ano13i]. Membership [DvKSW12]. Membrane [BBBV12, EBV05]. Memoriam [Duc06a, Wil06a]. Memory [BCCS12, Bel87, CC13, CPP08, ESC00, KH95, KSS+15, LeYTM08, MW06, MO08, PO02, QYZ17, RWW16, Ros13, TSdSK13, VH15, Jac85]. Memory-Conserving [MW06]. Memory-Efficient [QYZ17, RWW16]. Men [BMWW14, DGR+14, YGCO+14]. Mental [BAHS06]. Mer [Ano97s]. Merged [SBE16a]. Merging [BW13, CTL13, DML10, SSE+14]. Mesh [AMR+17, Ale02, AS96a, BLVD11, BPR11, BLK11, BLP+13, BCGL18, BS08, CK10b, CK11a, CYC15, CCW12, CFB16, CBSS17, CH09, CH11.
DGP17, DTTS08, DRF12, DSWH17, EGKT08, FLL11, FAT07, GOT+07,
GSZ11, GGRZ06, GLLR11, JLCW06, JLW10, JKL18, JKS05, KT09,
KMD+17, KR05, KCL06, LMM10, Lav11, LAD02, LT12, LZFH18, LZ07,
LZX+08, LCBH12, MSS11, MK06, MSAP15, MKSS12, MLK+13, MRAS17,
MH00, NVT+14, NL13, OB01, OZ09, PJ94, PHK+10, PW13, PPH+13, RW08,
RGG15, Ren16, RMG18, RNV07, SLA15, SYM10, SHB07, SSFS06, Sha08,
SPD14, SBCBG11a, Sor06, TWS+11, TSS+11, TPC+10, VC04, VCP09,
VS10, VR12, VVP+16, Vax14, VLV+04, WJB+13, WSLG07, WZCF15,
XWL+15, XXS+15, XM15, YGJ14, YBS07, YL11, YWTY12, ZVD10,
ZWC+10, ZDZ+15, ZT10, ZYW+13, vKP06, BYB09, CH12, CCFM08, mesh
[GHX+17, LN17, RRS12, VB14b, VD18, VF14, YI10, ZZCJ14, HB94].
Mesh-Free [PPH+13]. mesh-volume [LN17].
Meshes [AD01, ATBG08, BV99, BG02, BGI08, BLK11, BK01, BK03c, BSH15,
BBA08, BHU10a, CK10b, CCFM08, CC06, CG17, CL03a, CL03b,
CGG+03b, CLL+13, DBD+13, DG12, DMA02, EHA+19, GMC+06, GE98,
GGG08, GLLR11, HKA15, HLS96, JBG17, JJKL18, JLW10, KSO10,
KBK+10, KB00, KFA+10, KFA+14, LBG16, LS09, LS10a, Lee99, LL02,
LCL+06, LB05, LKSD17, LBH*01, Lov06, LSW09, MYLZ16, MS11b,
MG07, MR12, MRS18, MN08, NWHW*16, NS09, PBMG15, PLL13,
PP11, PSF04, PW13, PTP+15, POG13, QYZ17, RW08, RR15, RKS17,
RSS96, SWPL08, SFPF15, SHB07, SKN15, SC16, She12, SG14, SS15a,
SBCBG11a, SO10, SWG08, TWS+11, UKCB15, VP11, Vax12, VGO0, VK18,
VMM99, WLT12, WDG101, XLS+14, ZSW10a, vTPK11, CVDL16, GGRZ06,
Jon96, SNA17, VR12, VMHB14, WIFD13]. Meshes [CGG+03a]. Meshing
[BYB09, BL18, CAS+19, DSC09b, DSC09a, DLS10, DML11, GHX+17,
JWWP14, LMP516, MPP+13, NZH+18, QYZ17, SJP+13, SNA17, SSFS06,
SNK09, TPSH14a, Tak19, XGDC17, YLL+09, YGJ+14, ZJC13, dCTAD09].
Meshing-Simplex [BYB09, dCTAD09]. Meshless
[AWO+10, SM14b, YLHQ12]. Mesoscale [LBS+17]. Mesoscopic
[GPP+10, Hei95, KS08, N94, NIDN97]. Metabolic [LDB11, WVKR08].
Metafile [BHM87, OF84, Sch84, SM84]. Metafiles [End82, Osi82, SC84].
Metalights [FC10]. Metallic [BCRA12, MNK99b, RMS+08].
Metamorphosis
[BMWM01, GA96, KPRN11, KFA+14, LSSL98, RK94, STK02, WCX+13].
Metaphors [SABG+05, ZK09]. Metering [GTM+12, GPRS14, NMNP98].
Method [AMT+12, AW13, B84, BB99, CC08, CK84, CK13, Coo83,
CDPS09, CL99, DHvOS00, DG05, DKN+95, DKYN96, DMYN08, FHHJ18,
GB00, GBW16, HCJ13, HWU+19, HCU9, Hei95, HL03c, HZN+18,
IPKK13, IDN02, IDN03a, IDN03b, JC08, Kje83, LA06, LW95, LM07, LD08,
MPT98, N94, NIDN97, PCDS12, PH87, Pat89, PB94, SMAB02, SK86,
SP01, SL88, SS+12, SKFNC97, Tita82, TSYK01, TSP05, TSH01, UBH14,
WBG07, WO94, XYW19, YKH+09, ZBP99, ZY02, BM93, DH93a, Gu92,
JPCC14, LBT92, Sbe93, STM93, VSD09, Vo93]. Methodology [NM91].
Hd89, HSK14, HSK18, IIS08, IGAJG15, IK01a, ISYM15, JTRS12, JW95, KrJC\textsuperscript{11}, KKL16a, KB04, LB06, LGH13, LSJK09, LMG\textsuperscript{18b}, LS15, Mac85, Mil88b, MEKM17, NPDD11, NDG17, OW91, ÖGG09, ÖKB10, PA06, PSCN10, PH87, PC12, PNR89, RE12, RMN05, RK09b, Sch94b, SDK09, SPH\textsuperscript{09}, St88, SXV\textsuperscript{11}, SSCO09, SK17, SAH\text{\textregistered}91, SPBV10, ST08, SWG16, SH02, Str84, SJW13, TMO04, TK98, VPLL08, VGSS04, WFZ\textsuperscript{15}, WWH18, WPY\textsuperscript{19}, WW11, WAH\textsuperscript{09}, WDR11, XTLP02, XTJ\textsuperscript{07}, YL10, YBK\textsuperscript{12}, ZLM\textsuperscript{15}, ZWRH14, dFH\textsuperscript{11}, AHR93\textsuperscript{2}.} model [AKZM14, BM93, DMP93, FZP92, HS92, IMDN14, LG92, LN18, ML03, NW17, TC93, WY92, XWG\textsuperscript{13}, DP93]. Model-Based [DLGY12, SSCO09, SK17]. Model-driven [TMO04]. Model-Predictive [DAP08]. Modeling [AR94, ADMAS18, ATCO\textsuperscript{+10}, ATF12, Baj03a, Baj03b, Bak91b, BDS\textsuperscript{03}, BSK\textsuperscript{13}, BˇSMM11, BF09, BGK\textsuperscript{+96}, BW07, BMR\textsuperscript{+16}, BDS\textsuperscript{+12}, CJFH14, CSLG10, CD10, Che06, CGS16, CDPS09, CRA\textsuperscript{+17}, DWL\textsuperscript{+09}, DDKL09, DCNP14, DDB\textsuperscript{+13}, DGGK11, DMCP94, DSY10, DJZ\textsuperscript{+09}, EASKC18, FWX\textsuperscript{+13}, FCOL00, FG04, GBU00, GMM15, GMW04, GPGB11, GGP\textsuperscript{19}, GLW96, GGG\textsuperscript{+16b}, GLX\textsuperscript{+16}, HK09a, HK12, HMT01, HBDP17, HSS17, HRS\textsuperscript{+16}, HE94, HGA\textsuperscript{+10}, IOI06, ITYI09, JW97, JTSZ10, JTR12, JW95, KFG09, KWM15, KSG\textsuperscript{+15}, KPK10, KK11a, KUMY10, KT97, KBT\textsuperscript{+12}, LOM\textsuperscript{+18}, LG13, LL10, LSz\textsuperscript{+14}, LLM\textsuperscript{+17}, LSZ\textsuperscript{+18}, LW11, LW16, LMPS16, LC09, LDY10, LCWK07, LCHB12, MVLS14, MS01, MG05, MS08, MGG\textsuperscript{+10a}, MMO16, Mil90, MWCS13, MF00, MW12, NVH\textsuperscript{+13}, NBA18, NIDN97, PW\textsuperscript{+09}, PdMJ14, PGM09a, PGM09b, PKS11, PBB\textsuperscript{+13}. Modeling [RP01, RCB\textsuperscript{+17a}, RJJ18, RR00, RLFO9, SY12a, SDG99, SS08, SSSSW13, STG16, SLSK07, SAG\textsuperscript{+13}, SMTG07, ŠBM\textsuperscript{+10}, SWS12, SKK\textsuperscript{+14b}, SKK\textsuperscript{+14a}, SG04, TNK\textsuperscript{+93}, TZFO4, TON\textsuperscript{+02}, TBTB12, UHT18, VXML13, VWD12, VWK\textsuperscript{+12}, Vav12, VW95, VPP\textsuperscript{+04}, WL10, WXJ\textsuperscript{+16}, WLM13, WWS\textsuperscript{+15}, WGG99, XM15, XHC\textsuperscript{+18}, YCLE09, YFW12, YLH14, YCXW17, YLD\textsuperscript{+18}, YSY94, YYP12, YLY\textsuperscript{+16}, YiC\textsuperscript{+09}, ZT96, ZR96a, ZPS03, ZTW\textsuperscript{+12}, ZLYL17, ZC18, ZST\textsuperscript{+10}, ZCF\textsuperscript{+13}, DTKT93, DGA04, DH93a, ESP92, GDAU14, Gro92, GDDP16, RCM\textsuperscript{+14}, ZR96b]. Modeller [NAB86]. Modelling [ ´Afr12, Ano98d, BPM06, BBT\textsuperscript{+06}, BCF\textsuperscript{+05}, BŠMM11, BWK14, BB91, BAHS06, Cal96, CL92, CTS003a, CPE92, CBSF07, DJW\textsuperscript{+06}, EPCV15, EKM01, FW17, GGP\textsuperscript{+15}, GD09, HL35b, HH90, IOI06, KK14, KFA\textsuperscript{+10}, KK11a, KBT\textsuperscript{+12}, LM96b, Las84, LC99, LD98, LSWW11, LC09, LCM\textsuperscript{+18}, MbMYR15, ME98, MMRO13, Nic85, OOI05, PL96, RKS17, RMH\textsuperscript{+18}, SM14a, Sei88, STBB14, SPK\textsuperscript{+14}, SFS05, TDO00, VAW\textsuperscript{+10}, Vav14, Wai88, WSC06, WBEF97, WLZ13, WC16, YLG\textsuperscript{+18}, YYP12, YMS10, YLH\textsuperscript{+14}, Zac89, ZHQQ17, ZWJ\textsuperscript{+19}, DTG96, FFD93, FG04, HR88, LM96a, SC04, ZY04]. Models [ ´Afr12, AA09, ADMAS18, ABCN10, AHR84, ADJ\textsuperscript{+01}, BB00b, BKD\textsuperscript{+17}, BAHS06, BPF\textsuperscript{+03a}, BPF\textsuperscript{+03b}, BCF94, BMWM01, BL86, BNC96,
USSK11, UGB+04, VB14a, VF14, WLZH17, WWT+16, WGO+14, WLI+12, YL10, YLD07, ZZZ15, ZHK15, ZRJ+15, vBE11, BT92, HNJ+14, SF92.


[BMH+12, BSBE17, GJL+09, LRB+15, SAMS+17, SvL16, WVV11, ZFAQ13]. Movements [BB09, JL98, NBH18a, SK16, BSBE17, GJL+09, LRB+15, SAMS+17, SvL16, WVV11, ZFAQ13]. Motions


[BMH+12, BSBE17, GJL+09, LRB+15, SAMS+17, SvL16, WVV11, ZFAQ13]. Movements [BB09, JL98, NBH18a, SK16, BSBE17, GJL+09, LRB+15, SAMS+17, SvL16, WVV11, ZFAQ13]. Motions


[BMH+12, BSBE17, GJL+09, LRB+15, SAMS+17, SvL16, WVV11, ZFAQ13]. Movements [BB09, JL98, NBH18a, SK16, BSBE17, GJL+09, LRB+15, SAMS+17, SvL16, WVV11, ZFAQ13]. Motions


[BMH+12, BSBE17, GJL+09, LRB+15, SAMS+17, SvL16, WVV11, ZFAQ13]. Movements [BB09, JL98, NBH18a, SK16, BSBE17, GJL+09, LRB+15, SAMS+17, SvL16, WVV11, ZFAQ13]. Motions


[BMH+12, BSBE17, GJL+09, LRB+15, SAMS+17, SvL16, WVV11, ZFAQ13]. Movements [BB09, JL98, NBH18a, SK16, BSBE17, GJL+09, LRB+15, SAMS+17, SvL16, WVV11, ZFAQ13]. Motions


[BMH+12, BSBE17, GJL+09, LRB+15, SAMS+17, SvL16, WVV11, ZFAQ13]. Movements [BB09, JL98, NBH18a, SK16, BSBE17, GJL+09, LRB+15, SAMS+17, SvL16, WVV11, ZFAQ13]. Motions


[BMH+12, BSBE17, GJL+09, LRB+15, SAMS+17, SvL16, WVV11, ZFAQ13]. Movements [BB09, JL98, NBH18a, SK16, BSBE17, GJL+09, LRB+15, SAMS+17, SvL16, WVV11, ZFAQ13]. Motions


[BMH+12, BSBE17, GJL+09, LRB+15, SAMS+17, SvL16, WVV11, ZFAQ13]. Movements [BB09, JL98, NBH18a, SK16, BSBE17, GJL+09, LRB+15, SAMS+17, SvL16, WVV11, ZFAQ13]. Motions


[BMH+12, BSBE17, GJL+09, LRB+15, SAMS+17, SvL16, WVV11, ZFAQ13]. Movements [BB09, JL98, NBH18a, SK16, BSBE17, GJL+09, LRB+15, SAMS+17, SvL16, WVV11, ZFAQ13]. Motions


[BMH+12, BSBE17, GJL+09, LRB+15, SAMS+17, SvL16, WVV11, ZFAQ13]. Movements [BB09, JL98, NBH18a, SK16, BSBE17, GJL+09, LRB+15, SAMS+17, SvL16, WVV11, ZFAQ13]. Motions


[BMH+12, BSBE17, GJL+09, LRB+15, SAMS+17, SvL16, WVV11, ZFAQ13]. Movements [BB09, JL98, NBH18a, SK16, BSBE17, GJL+09, LRB+15, SAMS+17, SvL16, WVV11, ZFAQ13]. Motions


[BMH+12, BSBE17, GJL+09, LRB+15, SAMS+17, SvL16, WVV11, ZFAQ13]. Movements [BB09, JL98, NBH18a, SK16, BSBE17, GJL+09, LRB+15, SAMS+17, SvL16, WVV11, ZFAQ13]. Motions
Multi-Modal [AFK+14, HDBRC17, HMW+15, CGT+15, EGG+15].
Multi-objective [SNKS09]. Multi-Party [EAGA+16, EASG+17].
Multi-Perspective [YMS10, LTK12, BRM+16a]. Multi-Phase
[ATO17, HJS+17]. Multi-Pose [NBA19]. Multi-Projection [TIK17].
Multi-Projector [SM10, SM11]. Multi-Resolution
[LBG16, LeYO+10, WS02, VF14]. Multi-room [MMP16].
Multi-Run [FL19]. Multi-sample [SHSK16].
Multi-Skilled [FvdP15]. Multi-Spectral [LMLG15, PSK09].
Multi-Step [WPY+19, LSˇZ08]. Multi-style [RLYL14].
Multi-task [KARC15]. Multi-Texturing [PBMG15].
Multi-Touch [JSH+13, SHW+18]. Multi-User [XBL+18].
Multi-Variate [CDS16, FH09, KKS+12, KZZM12, PSPM12, STMT12].
Multi-View [BBP10, FNH+17, KMB+17, WLI+12, XXS+15, LJJ+18, SM10].
Multi-Volume [LLHY09, CS99a]. Multibody [ATK17]. Multichannel
[JvdGMR19]. MultiClusterTree [LL09]. Multicolor [MKO+00].
Multicore [KWN+14, VOS+10]. Multidimensional
[FR11, FR00, GMDW09, GJL+09, JPN15, KK02, LT16, LMG+18b, LL09,
NN11, PEP+11a, PEP+11b, RW18, SNLH09, WKS+14, YWS+14, FT93].
Multidirectional [ˇSPBV10]. Multifaceted [PDW+14].
Multifields [MFL13]. Multifocal [CGM19].
Multigrid [JCK+13, WWF+18, WMRSF15]. Multilayered [CWJ+06].
Multilevel [RA94, TL16]. Multimedia [But94, DH98, Kje91a, PH96,
AHR93, Cla92, FT93, Kin92, KSH92, ST93, VR95, dBD+92, HK94, Kje92].
Multimedia/hypermedia [HK94]. Multimodal [LSBP18, RRRP08].
MultiOOP [Cla92]. Multipass [SW99]. Multipath [CSN04, MSSK08].
MultiPiles [BHRD+15]. Multiplanar [CSaLM13]. Multiplane [WZH13].
Multiple [AWO+10, BKB+12, BBAM12, BCH+95, Che97, DMKP07, DWT+11, EBA+09, FKSS13, GRT18, GD96, GA98, Her84,
JR16, KPS10, KHIK01, KPS+14, KSD14a, KFR18, KJ14, LMW+19,
LC99, LJJX13, IWS18, LMGH+13, LPG13, NK99, RAmB+19, SS16, SY14b,
SHSK16, SDS+16, SJH08, SKMS18, TMRL14, WHD17, WHCO08, WK17,
YLD07, ZAM+16, KBÖ+14, TWMSK18, ZJC13].
Multiple-Bounce [JR16]. Multiples [BBL12, LHS18, vDeW13, BRM+16a].
Multiplex [RMM15].
Multiplexing [CWV+14]. Multiply [RR94]. Multiply-Connected [RR94].
Multiprocessor [CWBV86, NS93]. Multiresolution [AAB+96, AG06,
BK03c, BK03d, CLF+03a, CLF+03b, DKC00, EBV01, GCMS00, hKL00,
KCI06, KBS00, Lee99, MS10b, MK05, Mey94, NPW10, PWH98, Sal96,
SB99a, SMAB02, SHB07, SBE16a, SBE16b, SMP13, YP95, vTKP11].
Multisampling [JCK16]. Multiscale
[CWW+11, GL12, Lav11, Mér11, PFH+18, Rus11, WE97]. Multitouch
[ATF12]. Multivariate [AKMM11, BPFG11, BS+14, BHR+19, BCD+10,
BFG+, FS91, HV10, JBT08, KFH10, KKS+, LL09, ME13, MIK+, NMSL19, PC94, PKRJ10, PV08, RL14, RL16, RMH+, RSSL17, SV10, SJH08, WCH+, ZLMM16, ZHI14, DKG15. **Multiview** [TF15, CHA+.]

**Mumford** [BCGL18]. **Munich** [PS10]. **Munk** [AR05]. **Mural** [LLP00].

**Muscle** [KK14, KSK97a, KSK97b, NVH+, RPPD17, hZCK89, KMTT92]. **Muscle-Based** [RPPD17, KSK97a, KSK97b]. **Muscles** [YCLE09].

**Muscle-Based** [RPPD17, KSK97a, KSK97b]. **Muscles** [YCLE09].

**Museum** [LBK14].

**Music** [LL05, SNI06, WBSH+.]

**Mutable** [MWCS13].

**Mutation** [KSKAC02].

**Mutual** [CDPS09, XWY+.]

**MyEvents** [PZDD19].

**NAG** [BFTL82]. **Name** [Bak88, CJ90]. **Named** [EASG+.]

**Named-Entity** [EASG+.] **Names** [KvLB14].

**Named** [EASG+.] **Names** [KvLB14].

**Named-Entity** [EASG+.] **Names** [KvLB14].

**Nano** [Baj03a, Baj03b]. **Nano-Medicine** [Baj03a, Baj03b].

**Nanometric** [ACAA+]. **Nanoscopic** [LBH12a].

**Nanometrics** [ACAA+]. **Nanoscopic** [LBH12a].

**Narrative** [MRL+.]

**Natural** [BCD+, BPMG04, CG07a, DGGK11, DGA04, GMW04, GP06, GPGB11, HT11, HZMH14, KRB11, KB04, KRFC09, NW13, PKL88, PKS11, PA01, Wai88, Wu90, Zar06, GGG+, JCT14, KH92]. **Naturalness** [VVE+.]

**Nature** [BCF+, BMWW14, Bur95, DGR+.]

**Navigation** [BBP10, HW10, MCO97, PBK10].

**Navigation** [BBP10, HW10, MCO97, PBK10].

**Navigating** [BBP10, HW10, MCO97, PBK10].

**Navigation** [BBP10, HW10, MCO97, PBK10].

**Navigating** [BBP10, HW10, MCO97, PBK10].

**Navigating** [BBP10, HW10, MCO97, PBK10].

**Navigating** [BBP10, HW10, MCO97, PBK10].

**Navigating** [BBP10, HW10, MCO97, PBK10].
UHT18, XHW+18, ZZ17, ZWHK16, BMM+15, OKK13, vDHO16. Neural 
[hKTL+17, KWÖG18, KG19, MBRHD18, NAM+17, POCM19, RJGW19, 
RG19, RÖPG18, SMB+17, UHT18, YYZZ18, ZZ17, BG93]. NeuroLens 
[ZZ17]. Neurology [CZCE08, RRRP08, SSA+08]. Neuromatrix [Thi11]. 
Neurosurgical [RRRP08]. Neutralization 
[JD00, JD01]. NeWS [RSD+88]. Newspaper [KvLB14]. Next 
[HDF15, WHD17]. Nice [DJ88, SZAB04, Van85]. Nicograph [HP84]. 
Nicosia [Ano07]. NIL [Mil87]. Ninth [Duc98]. No [HˇCA+12]. 
No-Reference [HˇCA+12]. Node 
[BHR17, GEY12, Hea90, SSK16, SBD+15b]. Node-Link 
[BHR17, GEY12, SSK16, SBD+15b]. Node-Link-Group [SSK16]. Nodes 
[SAAB11]. Noise 
[BLV+10, BB17, FLJ+14, GLM17, GCZA13, KS11, KS12a, KS13a, LLC+10a, 
MIGMM17, NOS09, PCX+18, RRSG16, WJDZ14, WYKR17, YGJ+14, CG12]. 
Noise-Adaptive [GCZA13]. Noise-Aware [WJDZ14]. Noisy 
[FLJ+14, GLK18, KJT14, OW19, VMM99, WYZC13]. Non 
[ABG+12, BSJ08, BPVR11, CRGZ10, CYJ02, CMH+01, DSC09a, DSC09b, DWE03b, 
DBHM03a, GSTOG16, GO15, GSA03a, GSA03b, HS99, Hei01, HP04, HHD03b, HH98, 
HAWG08, HHCJ18, Jen97, JCW11, KSBC12, KE97, KPK10, KBT+12, KQWM08, LA11, 
LSP08, LZL+15, LZFHI18, LMPD15, LRB+16, LBD+08, LXFW11, LWY+11, 
MJBC13, MSLK02, MRL10, MDWK08, OHG11, OGG09, RAMG15, SM14a, 
SSB07, SKZ13, SNKS09, SSB13, SFWS03a, SP03b, SSJ+10, SK99, TSM14, 
TMRL14, TBKP12, USK11, VVC+11, VMG09, WNS+10, WT11, XLTP03b, 
XJJ+08, XCDR10, YKM12, YLLL15, YLK08, ZYF13, ZST+10, ZFJ+16, 
BPZ96, RRS12, Ska96, XXY+18]. non- [BPZ96]. Non-Active [HH98]. 
Non-Circular [KBT+12]. Non-Constant [CRGZ10]. non-convex [Ska96]. 
Non-Diffuse [GSA03a, GSA03b, Hei01, SK99]. non-homogeneous [RRS12]. 
Non-Immersive [MSWK2]. Non-Isometric [GSTOG16]. Non-iterative 
[MRL10, TBKP12]. Non-Lambertian [Jen97]. Non-Linear [HP04, LA11, 
LXFW11, LWY+11, OGG09, SSSB07, SSB13, MJBC13, RAMG15]. 
Non-Local [LZL+15, LZFHI18, SKZ13, ZFJ+16]. Non-Manifold [BSJ08]. 
Non-Oriented [CGBG13]. Non-parallel [HHCJ18, LBD+08]. 
Non-Periodic [SM14a]. Non-Photorealistic 
[ABG+12, CYJ+11, CMH+01, HS99, JCW11, LMDP15, USK11, VVC+11, 
WT11, YKM12, DWE03b, DBHM03a, HHD03b, KQWM08, MDWK08, 
SFWS03a, SP03b, SSJ+10, WNS+10, XLTP03b, XJJ+08, XCDR10, YLK08]. 
Non-Regular [TSM94]. Non-Rigid [HAWG08, LSP08, LRB+16, OHG11, 
TMRL14, ZYF13, BPVR11, CYJ02, YLLL15, ZST+10, XXY+18]. 
Non-Simplex [DSC09b, DSC09a, SNKS09]. Non-singular [KSBC12]. 
Non-Terminal [KPK10]. Non-Uniform [KE97, VMG09, CCTL12]. 
Non-Uniformly [GO15]. Non-Visual [CJP+19]. Nonlinear 
[HK12, Kje83, WWF+18, WSE04, WDGT01, YLHQ12]. Nonlinearly 
[BRM+16b]. Nonparametric [PH13]. Nonphotorealistic [Hal99].
nonprogrammers [dBv93]. Nonregularly [Frü94]. Nonrigid [BS12b].
Nonsplitting [Guo93]. Nonuniform [Vas97, WH17a]. NoRM [HČA+12].
Normal [BM12, BM16, CACB18, Dan96, JSLW14, LZFHI8, MSS+10, PA06, SSG17,
SW92b, TW97a, TW97b, Thi01, WLT+17, ZDZ+15, ZYW+13, CFRGL16].
Normalization [SY12a]. Normals [Hd14b, SAE93]. Norrköping [Oll04].
Norwich [Ano97z, Ano97-28]. Note [Ano13h, LR88, Lut02, Hub93]. Notes [Kra89].
Novel [ABW+15, CAH00, GPK+12, HLM97, LSR17, LQZ13, NMOT01, TZD11, WO94, WYY13]. Novel-View [GPK+12, LSR17].
November [CA05, MRS06]. NPR [CS16, CJW+09, HLM+16b, KM16, LLY09, PGG+09, TCLM16, WDR09].
NPR-Style [PGG+09]. Number [KSN08, Nas03, OHG11]. Numbers [SL11].
Numeric [Elb95]. Numerical [BDˇS84, HE01, Kaz15, Kim15, KUMY10, OLF+14, RSS96, Szy91b, AVBC18, GA93].
NURB [WO92]. NURBS [AES94, AP92, GK03a, GK03b, LLG97, PH94, QSW92, SYT+13].

O [Ric87a]. Obituaries [Duc06a, Wil06a]. Object [AA09, BT95, BB91,
BWR796, BSL18, CS98a, CCI+07, CC00, CKS+15, CMH+01, DS11a, DR87,
DZC11, DH98, EBGM12, GGW98, GCZ+12, GTK+12, HMB08, Hd89,
IKL+10, IEH+14, KAAT03a, KAAT03b, KFW19, KH96, LSF+11, LDGN15,
MB13, Mar95, MPM+14, MSAP15, MCG+19, MRS12, MSF00, Ott90,
PG08, PIW98, PS10, RPZ02, Sch88, SEASM09, SS13, SF83, SJWS13,
TC94, TLG99, Vel91, WPF+19, WCB+95, XXY+18, YCL+17, ZZWC16,
ZCK17, ZXZ+17, van90, AHR93, DSS90, JCT14, Sch94a, ZK92].
Object-Centered [CKS+15]. Object-Oriented [BB91, DR87, DH98, Hd89, KH96, Ott90, Sch88, TLG99, Vel91, ZK92].
Object-Space [HMB08, MRS12]. Object-Surface [Mar95]. Objective [TAE16, SNK90]. Objectives [SPF+19]. Objects
[AW0+10, AAK+09, AS95, AM95, Att15, ATF12, AB97, BDŠ84, BvTH16,
BB08, Büh01, CS00, CBS96, DMYN08, EDPB15, FCS+16, GCM90,
GPG+16, GT86, HK16, HS04, HE01, HHD03a, HHD03b, HE94, HL03a,
HL03b, HCS16, HLL07, HNR+04, IK01b, Jac17, JZYP18, KKBJ16, KKKS15,
KMHG13, KS12b, LGB+03, LPH+15, LAFT12, Los97, LD97, MCHW18,
MG10b, MMO16, MCL96, NK99, OTSG09, PDP+15, PL94, RGM85,
RAMG15, RH95, SE04, SS96b, SW01, TKH+05, UZT16, WW+10,
WXL+11, WK12a, WZDT17, WWT+16, WW11, YH13, ZXTD10, BLS93,
DH93b, Ger92, KWF+01, LDB07, MFT02, NW17, OCL96, TC93, ZKG16].
Oblivious [SSE+14, DLL+10]. Obscure [Tim13]. Observation [BRB+13]. Observational [SB00]. Observer [WWV17]. Obstacles
[Man16]. Occluded [COFHZ98]. Occluder [SSL14, WS99]. Occluders [BKES00, BNRSV01, NRJS03a, NRJS03b]. Occluding [ABK+19].
Occlusion [AGG+08, ASVNB00, BKE00, BWPP04, BWR796, COFHZ98,
ED08, IH11, LK10, LWDB10, MBW08, MSW10, MPS05, RMS+08,
SPH+09, SPBV10, SGG15, SWB06, YWC+10, ZCG08]. Occlusion-Driven
[CAH00, DHS04, GO15, GRT19, GCP+09, GSA03a, GSA03b, IH11, KASH13, LS08a, LPG13, ME04, Muh14, NM14, NW10, ORT18, POS+11a, Pic87, RW18, SVLL10, SWS09, SBF15, SK10, Sch11, SK16a, ÙFE10, WTHS04, YHG10, ZY04, BRM+16b, BPZ96, MRL10].

Order-Independent
[ME04, SBF15].  
Orderability  
[CB16].  
Ordering  
[CB16].  
Organ  
[DKY98].  
Organic  
[ABW+15].  
Organization  
[ABW+11a].  
Organized  
[PEP+11a].  
Organizing  
[AAB+10, AMT02, SWS12].  
Orientation  
[CCLN10, PD16, RHLH18, WSSC11, SW92b].  
Orientations  
[SSG17, RGB+14].  
Oriented  
[BDˇS84, BB91, CGBG13, DR87, DH98, Hd89, JFSO06, KH96, MC10a, Ott90, PHK+10, Sch88, SSW14b, TLG99, Vel91, YXX14, KCB97, KBK+10, ZK92].  
Origami  
[MDI+18].  
Origin  
[BBBL11, ZFA+16, ZSJT19].  
Origin-Destination  
[BBBL11, ZFA+16, ZSJT19].  
Original  
[TLFC16].  
Orleans  
[CSLG10].  
Ornamental  
[ZWXL17].  
Orthogonal  
[DKMT18, DGF98, KE97, SGRT12, MVPG11].  
Orthographic  
[GTS86].  
Other  
[Kin95, KH92].  
Oui  
[ZCW+19].  
Our  
[Enc98, Thi11].  
Out-of-Core  
[BLD14a, DC10, FCGW02, FK09, GG14, KTO11, BBS+09, ILRS03a, ILRS03b].  
Outdoor  
[CLG+18, ESKT15, GPK+12, WXL+13, XZP+13, TNK+93].  
Outlier  
[BFG+17, DWR10, HOB+19, ZCW+19].  
Outline  
[Sch00, SR96].  
Outline-Based  
[Sch00].  
Output  
[BG01, BSAP11, EPAS11, HR87, ND94, Rus01, SBS+17, Ste84, SG96b, GGM12].  
Output-Sensitive  
[BSAP11, SBS+17, SG96b, BG01, GGM12].  
Outstanding  
[Can11, Dre07].  
Overall  
[ZHLW18].  
Overlap  
[Men19, SSS+12, Tho86, vGPNB17].  
Overlapping  
[DSWH17, DMYN08, SAA09].  
Overlays  
[BY08].  
Overloaded  
[DKMT18].  
Overview  
[BDFG07, BCN11b, End83a, End84a, GRE11, HGG+84, Kils2, OJS+11, ZCH+17, LEM+17].  

Pablo  
[Ano05c].  
Pace  
[Str83].  
Packable  
[WPGSH18].  
Packages  
[Klo87].  
Packaging  
[YH13].  
Packet  
[GL10a, YFGLO9].  
Packet-based  
[YFGLO9].  
Packaging  
[Att15, ERA+16, MCHW18, NS11, XDY18].  
PackMerger  
[VGB+14b].  
Padding  
[CAS+19].  
PAG  
[CC14].  
page  
[Sam93a].  
Paint  
[EKM01, FLL11, RMS+08, SGSP15, CPE92].  
Paint-Composition  
[EKM01].  
Painted  
[LCC+18].  
Painterly  
[LLY09, LPSB18].  
Painting  
[CLJ+15, CLLC15, DWE03b, HHD03b, HZF10, IK01b, KKK18, LMPD15, LFA+15, PFC15, SLE17, SKNS15, SDHD17, SDC09, TO97, WW87a, WS01, XLT03b, XTJ+07].  
Painting-like  
[TO97].  
Paintings  
[WTLI13, ZCC14].  
Pair  
[BMB15b].  
Pairs  
[WK15].  
Pairwise  
[CSC+18, PD16].  
Palazzo  
[ACM80].  
palette  
[Vol93].  
Palettes  
[KM16, WVVV08].  
Pan  
[TLW+19].  
Pan/Zoom  
[TLW+19].  
Pandora  
[Kin92].  
Panel  
[HEtH+83, SGR97].  
Panorama  
[BB14, BCK+12, KH02, KLD+09].  
Panoramic  
[HVM+08, KPIAS01, LWL+16b, PSHZ+15, DGR+14].  
Paper  
[BW07, Lar10, PdMJ14, RSW+97, RLYL14, SRH17].  

Papercraft  
[XCDR10].
Papers
[AR06, Ano96t, Ano07i, ML17, Ano08f, Arn08, DCPS08, Gob95, Gob96, Zot08].


Paradigm [AR94, KCB97, YSY94, LG92, WBCG09b, SE19]. Paradigms [Ano95q, Ano96c, Ano98e, AS98, DH98, SE19].

Parallax [Ake11, LMSG16]. Parallel [AT11, Ano97, Ano97, AH89, CG12, CMPS93, COF95, CDD09, DCK12, DG12, FP15, GMM15, GRT18, GRPF16, HK90, HBW11, HMB17, HWEB11, JABT11, JZPP18, JC08, JZPP18, JC08, JZPP18, JC08, KARC15, KH95, KV8+14, KZK12, Kuh12, LCDW16, MSSK08, McC96, MM08, MB18, MB99, MKS12, MRAS17, MNP08, Nar95, NG97, POS11a, PRS89, PT9, RA05, RA94, Sa06, SSK07, Sn12, SMM13, SKK14a, SF83, TP89, VBHH13, VS+10, WWF18, Wi08, WDZ17, ZYQ08, ZCQ09, CD94, HB92, HHCJ18, LBD08, MMAG93, VL93].

Parallel-Coordinates [GRPF16]. Parallelization [LL18].

Parameter [AGR19, BPGA11, BVLS11, ERHH11, GKH14, GAWJ15, LBH12b, LB8+15, SL09, SBC+17, STD09, TFA+11, WTHS06, WGO+14].

Parameter-Dependent [LRB15]. Parameterisation [SJ1b].

Parameterization [BCGB08, BFF4, CK14, CBSS17, EKGT08, GDG12, HLS12, KNP07, LS+08a, LZX+08, MS12, MP12a, MTAD08, NRP11, PSF04, Sch13, SNN18, SHPS08, PSP14]. Parameterization-Aware [MS12].

Parameterizations [CK11a, DMA02, GUK17]. Parameterized [TE18]. Part [JTRS12, LZS10, LVW15, RT08a, RMG18, XMM13, ZCOM13, vKTS+11, DMS14, NW17, ZCOAM14]. Part-aware [LZS10].

Parko [HHC+13]. Parity [SY1b]. Parser [Her82]. Part [JTRS12, LZS10, LVW15, RT08a, RMG18, XMM13, ZCOM13, vKTS+11, DMS14, NW17, ZCOAM14]. Part-aware [LZS10].

Part-Based [LVW15, JTRS12, RMG18, DMS14]. Part-segmented [NW17]. Part-type [RT08a]. Partial [BV09, CRA17, GAWJ15, LB8+17, MH13, PSM12, LRH+18, RCB+17b, SY14a, SG14, SDK18, TVD09, vK2H13]. Participating [BN08b, EN11, JZ08a, KPS+14, KF12, PWP08, PP09a, SKT11, SG+17, SKMS18, YIC+11]. Participation [Ano95l, Ano95m, Ano95k, Ano96g, Ano99c, Ano99b, Ano99i, Ano97g].

Particle [AIAT12, BSW10, CS09, C11, CKS08, DGP17, HE94, IPK13, IU10, JS06, KRG03, KS18, KBK19, PTB+03a, PTB+03b, SCN+16, SM13, SG15, UB14, VCC96, VMH+13, WAF+11, YLQ14, YKH+09, YWTY14, ZLKW13]. Particle-Based [AIAT12, BSW10, DGP17, PTB+03a, PTB+03b, IU10, SCN+16, SG15, ZLKW13].

Particle-Grid
[IPKK13, UBBH14, YLHQ14]. Particles
[BCN03b, BCN03a, CS09, CATM09, DMLG02, ELPH19, GT15, HYZ+14, KS14, RGG18, UBBH14, WHH+14, YLHQ14]. Partition
[DLGY12, MHA17, NOS09]. Partitioned [GMAG15]. Partitioning
[Cam17, CN05, COFHZ08, EBGM12, EGKT08, FP15, Hea90, JD00, KFW19, LLHY09, WLM09, YIC+11, GD16, VF14, JD01]. Partitions [MS10b].
Patch [DRS09, FACO17, RT08b, RSK10, TWJ06, VSK16]. Patch-based [RSK10, TWJ06]. Patch-Collaborative [RDK13]. Patch-type [RT08b].
Patch2Vec [FACO17]. Patched [HM83]. Patches
[AJA11, Cam17, DSWH17, DLC05, DRS08, HJ99, IK01a, LCC+18, MVZ16, RDG01, SS15a, TPSh14a, Gao93, NN93, SAE93, SZ18]. Path
[APP10, BYM18, BRS01, Bik12, BNH+16, BBS+09, CGH18, CBTB16, ENSB13, HOB+19, HEV+16, HKL17, KD13, KF12, LMK+15, MMG18, MFW18, MGN17, NB15, PBPP11, PBE18, PRDD15, RI17, SKTM11, YIC+11, ZRJ+15, Lam09a, NDD14, STP17]. Path-Preserving [APP10]. Path-Searching [RI17]. Path-space [ZRJ+15]. Path-Tracing [PBPP11].
Pathfinder [PGS+16]. Pathline [HSJW14, MWS+10]. Pathlines
[BGB+08a]. Pathology [JSH+13]. Paths
[BLP10, HK015, HDF15, LG96, PSG+16, PRDD15]. Pathway
[HMP+12, LDB11]. Pathways [BWH+11, SKKS08]. Patination [CS00]. Pattern [BBT+06, GPD09, TPSh14a, TVD09, WESW17, ZWRH14, ZCT18]. Pattern-Based [TPSh+14]. patterning [Bak90]. Patterns [AASB19, AAB+10, BHRD+15, BCBSG10, BSBE17, CSG+18, DJSJ19, Gda17, Gia18, LA06, LKD+17, MBES16, MSFM16, ME98, Par86, RL16, SSK+05, STG16, XCDR10, ZFAQ13, ZFA+16, ZLMM16, dGWB+14, AS92, CC93, ZLL13].
PBL [MGJ06]. PC [KPG+16, IK01b, KBvP+17, KGP18, MKP+16]. PC-based [IK01b]. PC-MRI [KGP18, MKP+16]. PCA
[NL18]. Penrose [RMA88]. Pent [MN08]. Penumbra [LA05]. People
[SPP+94]. Per-Face [BL08]. Per-Fragment [TRS08]. Per-Pixel [CZGF05, LK08]. Per-Vertex [MTAM12]. Perceived
[DBS+18, JVS+12, VP11]. Perceiving [SBL17]. Perception
[AMS09, BBT99, CWB+14, CWM09, ER18, FVHK17, GEY12, HMD05, HK16, HDBRC17, HKMS08, HHD+12, JKLS10, KRMS13, KRM+15, KMS05,
LHH+13, MMTH09, McN01, MG10, MC14, MSK14, MK15, NMP98, OAJ14, RGG15, RAP08, RB10, RIF+09, RPA+15, SW11, SGRT12, SABG+05, SCCN11, SLTM08, SLH+18, TX16, VCL+11, VR12, WSR+17, WLLL13, XCDR10, YMM10, YLRC10. Perception-based [HKMS08].


Phase-Based [PNVS17]. Phenomena [BR07, BPMG04, BP19, CG07a, DGGK11, DGA04, GMW04, GPGB11, HT11, KRBI1, KB04, PKS11, KH92, GP06]. phenomenological [WJG+16].

Phenotyping [HPvU+16]. PHIFI [AM92]. PHIGS [AE86, AHR85, AM92, Bak90, Bak91b, BBMR88, Fre90, HM91, Hew84b, How89, How90, Kra89, Pat89, PNR89, WT93, WH89]. Philipp [Ano07b]. PHOG [BCGS13]. Phoneme [DN08]. Phoneme-Level [DN08]. Phong [KB89, OT11, PA06]. Phosphorescent [NSR17]. Photo [BPV+09, CS93, GKB12, GCZ+12, GLGW12, IRWM17, JBS+06, KLVW12, LMS04, LTK12, LCWCO10, Pur03a, Pur03b, QTN03a, QNT03b, RHL12, RMS+08, ZH12, YGCO+14]. Photo-Realistic [QNT03a, QNT03b, CS93, Pur03a, Pur03b, RMS+08]. Photoelasticity [BES15]. Photograph [Ano97-41, DSY10, RGM+18, XZP+13, XDR11, ZCC+14]. Photographic
Photographs [ELS08, LGMT00, LP15, MZT09, WMTG05, YKM12, DPT08].

Photography [ABD10, AVR10, AAB09, BAAR13, CG16b, EWK13, FO12, GTM12, GLCC18, HKW12, LE13, MP12b, MKV09, PK10, SD09, SSCO09, PCF05].

Photometric [BCGS13, GHH01, SS014, ZLSW17].

Photons [BGB08b, CWY11, FD09, FSES14, GUS12, GPGSK18, GG14, HCJ13, HHS05, HKK79, HP02, HGNH17, JRJ11, JZ08b, SSO08, SJ09a, SJ13b, SJ15, WG04, WG12, YWC10].

Photon-driven [BGB08b].

Photorealism [CLF03a, GSA03b, MTF03b].

Photorealistic [ABG12, CYY11, CMH01, FCH06, HS99, JCW11, KBG15, LB06, LMPD15, MSK06, USSK11, VVC11, WT11, YKM12, DWE03b, DBHM03a, HHD03b, KQWM08, MDWK08, SFWS03a, SP03b, SSJ10, WNS10, XLT03b, XJ10, XCDR10, YLK08, BJ94].

Photosimulation [Bou90, NN89].

Photovoltaic [ABW15].

Physical [ABW15, BS19, DPD15, Fuc04, IIS09, KBHM15, KBB17, LLC12, LMK15, OTH02, SW04a, ESP92].

Physically [AFHdL14, BKY16, BPMG04, CS00, CIPT14, DO00, FL06, GCGP18, HKW09, HNJ14, HE94, LW94, LG96, LLA06, Lew94, LTH08, MWN17, ME08, MSDH15, NBM18a, NMK06, OW91, PdMJ14, PBP96, Sch94b, SHP19, TSK14, UWP06, WKB18, WW11, WWD15, MDS14, KK18].

Physically-Based [BPMG04, CS00, LG96, LLA06, PdMJ14, PBP96, Sch94b, AFHdL14, CIPT14, GCGP18, HNJ14, LTH08, TSK14, KK18].

Physics [ARB18, Bou90, GP12, HMLP13, LNS05, LCCC13, MAA10, Ter12, WBT19, ZDM14, dHvPJ14, HNJ14].

Physics-Based [ZDM14, dHvPJ14, ARB18, LNS05, LCCC13, HNJ14].

Physics-driven [MAA10].

PhysioEx [KCJM16].

Physiological [KCJM16].

Picking [RGSK10].

Pictograms [LKZ15].

Pictorial [DOS93, RHL12, vT84].

Picture [Ary84, Chr86, Fah85, GKB12, Gos89, KPIAS01, SK86, SS91, USSK11, WH91, WT09, vdKdJP19, YLK08].

Pictures [Bij87, BBDM85, OAIS09, WM85].

PICTuReVis [vdCvW17].

Pix [SK16b].

Pixel [PEP11a].

Pieces [SP13, YCXW17].

Piecewise [BV96, BdM14, CFGL16, Fiu95, GSC18, Li07, MMP16, NW01, NBHN17, Szy11, SBL12].

Piecewise-Planar [BdM14, MMP16].

Pigment [XTJ07].

Pigmentation [BW17].

Pigmented [Ca96].

Pigments [GCGP18].

Pile [SM14a].

Piles [PGM09b].

Piling [BHRI15].

Pinchmaps [TC05].

pinscreen [LG92].

Pipeline [AEW00, BR02, BBT99, Hea90, Kra89, FS92, Hea89, LEM17].

pipeline-enabling [FS92].

Pipelines [SBF15].

Pix [BBAM12].

Pixar [Coo05].

Pixel [BJCO03a, BJCO03b, Bel87, CZGF05, DFY14, HK09c, IGMK16, JMD15, KCL18, KLC15, KYC16, LKC08, MCO97, Mill84, OJS11, P085, SW04b, TBP18, YIC12, PWC09, KLC15].

Pixel-Accurate [HK09c].

Pixel-Aligned [KCL18].

Pixel-based [OJS11].

Pixel-Level [SW04b].

[EWK13, NK99, SLKL14].
Pixel-Precise [TBP18]. Pixels [EMA+13, MS13, PK10, Si97, TM13].

PixelSNE [KCL+18]. Placement
[BWRT96, CJ90, FCOL00, KFR18, Pic86b, SE04, Váž07]. Plagiarism
[RPSF15]. PLAN [CY89]. PLAN-1 [CY89]. Planar [BV09, BPY16, BdM14, CG17, Day88, DSL15, HCW17, HBA12, LVT08, ND06, NC16, OLA16, SP13, SBC16, SSSL14, SBCBG11b, WBCG09a, ZSW10a, vKvLV13, MMP16].

Planarization [POG13]. Plane
[AMAM13, HHD03a, HHD03b, LCM+06, Szy91a, Szy91c, VMTS10, vKvLV11]. Planets
[CPGG19, DGGK11]. Planned
[LLSS03a, LLSS03b, TBW+11]. Planner
[CY89]. PLAN-I [CY89]. Planar [BV09, BPY16, BdM14, CG17, Day88, DSL15, HCW17, HBA12, LVT08, ND06, NC16, OLA16, SP13, SBC16, SSSL14, SBCBG11b, WBCG09a, ZSW10a, vKvLV13, MMP16].

Plagiarism [RPSF15]. PLAN [CY89]. PLAN-1 [CY89]. Planar [BV09, BPY16, BdM14, CG17, Day88, DSL15, HCW17, HBA12, LVT08, ND06, NC16, OLA16, SP13, SBC16, SSSL14, SBCBG11b, WBCG09a, ZSW10a, vKvLV13, MMP16].

Planarization [POG13]. Plane
[AMAM13, HHD03a, HHD03b, LCM+06, Szy91a, Szy91c, VMTS10, vKvLV11]. Planets
[CPGG19, DGGK11]. Planned
[LLSS03a, LLSS03b, TBW+11]. Planner
[CY89]. PLAN-I [CY89]. Planar [BV09, BPY16, BdM14, CG17, Day88, DSL15, HCW17, HBA12, LVT08, ND06, NC16, OLA16, SP13, SBC16, SSSL14, SBCBG11b, WBCG09a, ZSW10a, vKvLV13, MMP16].

[CLG+18, MJK17, MS16]. **ProbExplorer** [SMH10]. **Problem** [BMS+10, GW07, Zac99, HR88]. **Problematics** [MTT89]. **Problems** [Den03a, Den03b, Mac94, OZ09, SPS94, VW91]. **ProcDef** [ITYI09]. **Procedural** [BSMM11, BWK14, BKD+17, BP13, BD04, CPGG19, DGGK11, DG97, DLBLW15, EPCV15, GMM15, GPMG10, GPGB11, GS09, GKH14, GD10, GDG12, GPG+16, HWA+10, HSS17, Hua17, IMIM08, IAM15, KWM15, KKS+12, KS18, KPK10, KK11a, KMK12, KBK13, LL10a, LLD12, LMM+17, LSW11, LZ17, NGDA16, NBA18, PGGM09b, RJJ18, SS08, SPS95, STBB14, SPK+14, VKW+12, WCGG18, WC16, YM15, YKH+09, GDGP16, LSN+14, DCNP14, JPC14, LSN+14, MLVS14, SKK+14b, SKK+14a]. **Procedurally** [JBL06]. **Procedure** [MK06, YF85]. **proceeding** [HHS89]. **proceedings** [ACM80, BH96, BJ94, DJ88, Enc81, HP95, HK94, PB95, PS96b, Req86, SVZ95, TT95b, TB84, Van80, Van85, WG82, thH83a, Ano96s]. **Process** [KK17, MRD12, MJK11, Hea89, RPP93, SBD+15b]. **Processes** [EWK+13, Gla17, OAM+18, MSW19]. **Processing** [AR06, ABC+04, AGJ12, ABCO13, BCD+13, BPVR11, BS12a, BCK+12, BLK11, BLP+13, BCGL18, BvTH16, BSEH17, BB08, CHM+13, CG16a, CK10b, CK11a, CCW12, CG16b, CCTL12, CNKI13, CKSW08, DZD+16, DTV15, Des06, DGE09, DJM12, EMP+12, Edm83, ESP08, EWMU13, FLL11, GO15, GSW15, GE04, GGRZ06, GPB05, GLGW12, GLLR11, HP04, JBG17, HJ12, Jes16, JESG12, JWL+13, KT09, K088, Kaz15, Kim15, KKL16a, Kob03a, Kob03b, KSH04, KBvP+17, KM83, KS07, LMM10, LCCC13, LTH08, LSJK09, LWL+16b, LLC13, LLW12, LLSC13, LCHB12, MWS+16, MS11, MK06, MCM+12, MBG+12, MRAS17, NVT+14, Pat16, PSHZ+15, PK15, RGW05, RTK+14, SY12a, SWPL08, SMS01, SS+05, SSFS06, SZAB04, SCM+19, SY12b, SO12, SP06, SLHC12, SJH+16, SBCBG11a, SKWL13, Sor06, SSB05, SF83, TWS+11, TSS+11, TBKP12, TPC+10]. **Process** [TBTB12, TSP05, VC04, VL08, VB14a, VF14, VCD+16, VBHH13, WZH13, WWL+13, WLM13, WKGB5, WHL10, WMTG05, WGO+14, XXZC13, XSQ13, XKH17, XADR13, YGL+09, YFW12, YLI11, ZVD10, ZHI12, ZCZL13, ZCF+13, ZFJ+16, DPT+09, Jae85, JFS09, LEM+17, SAE93, YN93, YDT+18]. **Processor** [CY89, MH13, Sch88, TP88, VL93]. **Processors** [BB88, FG88, HB92]. **Product** [CAM08b, HEV+16, LMLF15, LS08b, NMR+18, PF90, RLBI+19, Bar93]. **Production** [BL08, CBTB16, Coc83, ENSB13, Goli85, USAK11, Zott08, Jon96]. **Products** [IFL13]. **Professionals** [Ano03c]. **Professor** [Wil06a]. **Profile** [JKK+18]. **Profiles** [DG97]. **Profiling** [DWT+11, LC09]. **Prog&Play** [MTVJ11]. **Program** [DI18, YB18]. **Programmable** [BIMO04, BS03a, BS03b, Ert02, HHRZ12, MH13, MGC+16, MRT+08, SCD05, SB15, SG03]. **Programme** [BH06, DS09, Ano05g]. **Programmer** [Hew84b]. **Programming** [Ano95q, Ano96c, Ano98e, AS98, AHR85, Deb18, DH98, FK09, GCW15,
Quadrangulation [HZN+18, MPP+13, TPSH14a]. Quadrant [Arn08]. Quadratic [DCYG19, GCW15, KKBL15, KPS95, ZLM+15]. Quadratures [MBB19]. Quadric [FG04, RvBWR04]. Quadrics [LTB19, VHB08]. QuadriFlow [HZN+18]. Quadrilateral [BLK11, Cam17, DSC09b, DSC09a, Kob96, LMB05, MYLZ16]. Quadrilateral-only [DSC09b]. Quadrupeds [SRH+09]. Quads [HKA15, KP15, RRP15]. Quadtree [CFFP84, PG94]. Quadtrees [MA91]. Qualitative [ARH12, BBL12, CBK+17, ER18, NLB+13]. Quality [AASB19, BBK+18, BBDM85, BHU10a, Cs18, DBS+18, DW13, EHH+13, FAVM09, GHX+17, GBP07, GMSK09, HK09a, HSM09, HCA+12, JC10, JWV+11, JC08, KZ08, Kie06, Lav11, LWZ+09, LLX+11, Los97, LD97, MS11a, MTS12, MSW10, MG00, NS01, PHE+11, RW08, RPZ02, REH+11, SBE16b, SSO+10, SA15, STM93, SL01, SGY11, SDK+15, SiK–DM05, TSPP16, TAE16, ÜFE10, WZK16, ZISS04, ZBW11, BHT19, BAT11, BEM11, DDM03, WXL+13]. Quantification [MMNG17, SMB+17]. Quantitative [ARH12, AKV15, ER18, RSM+16, SLB+18, YYL+16, KGGP18]. Quantization [BM15, BFH+98, DMAC03b, FDL14, GMAG15, HFM10, LJB13, MJH+15, PGSD13, RTN03b, CFM93]. Quantized [BB12b, hKAC07, LJB+12, VKJ+17]. Quantizing [CCC17]. Quasar [BAO+19]. Quasi [EMK09, GAM17, JKS05, NR95, SKFNC97, TPBC09, KBB+13]. Quasi-Affine [NR95]. Quasi-Developable [JHS05, TPBC09]. Quasi-harmonic [KBB+13]. Quasi-interpolation [EMK09]. Quasi-Monte Carlo [GAM17, SKFNC97]. Quasiconformal [WMZ12]. Quaternion [Kim15]. Quaternions [McD10]. Queries [AEWQ+15, BWPP04, EL01, LMM10, LMK13, MR08, MRS12]. Query [MW18a, MHH15, Déc05]. Querying [LJH13, Sal96]. Queuing [KKS+17]. Quick [DKN+95]. Quicks [Str83]. Quotient [OMPG13].

r [FR92, Pri85]. R&D [HS90]. r-sets [FR92]. Racing [GC09]. Radial [AR95, BK05b, DBS+11, GL12, IYS+13, LWP+04, MG11, RSC01, RSSL17, SMG10, FS08]. Radiance [GKB09, HSM09, HP02, JZJ08b, MS04, PLB07, SN12]. Radiance-Cache [HSM09]. Radiation [SRM+19]. Radiative [LF00]. Radiofrequency [RWS+10]. Radiometric [LP15, LG+18b]. Radiosity [Ano99m, AM95, CS04, CAH00, DHC04, FPH94, GH97, GSA03a, GSA03b, HSD09, Hec92, HS92, KSS97, MPT98, MSK08, MB99, MCL06, MCF00, NBB97, NSW09, ORP96, PB94, PJ94, Sbe97, SSO2, SGH94, SIP07, Sha97, SSS97, SSS98, SKFNC97, YP95, BP93, GH96, LBT92, NS93, NNN9, OCL96]. Radiotherapy [CWKS00, RCMM+16]. Radix [HKS09]. Rain [CBK+19, DTA94]. Raman [SPB+17]. Random [Cal07]. Random-access [ZFE16]. Randomized [TWJ06, JCT14]. Range
[AGDJ09, BDA+09, CZ09, CKL14, CACB18, GPRS14, HL03a, HL03b, KK08, KMS05, LPK09, MBRHD18, MKV09, SHG+16, WO02, YMMS06, EMU17, PFC+05, RR96]. Range-Space [AGDJ09].

[DDKL09, KHK512, LZF+15, LZFHI8, SJF11, ZFJ+16]. Rank-1 [DDKL09].

Range-Space [AGDJ09].

Ranked [MGS07]. Ranking [AASB19]. RANSAC [LWL+16a, SWK07].

[SKMS18]. Rao [SKMS18]. Rapid [GD01, KGL+98, LJBA13, NS01, RPLH11]. Raster [AO86, AO87, AEL+82, HHA82, Lin85, Pil85, Rie87b, RM89, SK86, SF83, Tho86, WW88, YFWR11, vJB85, VL93].

Raster [AO86, AO87, AEL+82, HHA82, Lin85, Pil85, Rie87b, RM89, SK86, SF83, Tho86, WW88, YFWR11, vJB85, VL93]. Rasterisation [LCD10]. Rasterization [AMTMH12, DHP+19, LCD09a, MS11a, MS13, MBGS01, MTAM12].

Rasterized [ND12]. Rasterizing [AP92]. Rasters [van87].

Rate [DBS+18, OBGB11, SBO18, VB14a, DER+10]. Rate-distortion [VB14a].

Rates [IHS02, PMDS06]. Rating [KM16].

Rationalization [ZCBK12]. Raw [DMSL11, GCSA13, GKOM18, MDD+10, WXR+16, WXW18, MK08]. Ray [Afr12, ASK14, BAAM17, Bou88, BBDMS5, BLW11, CRGZ10, CDP95, CCI13, CLF+03a, CLF+03b, CDG+07, CWBV86, DHK08, DMY16, EBR+14, FKE13, FQK08, FM04, Gar09, GL10a, GA93, GPP+10, GAM17, GHB15, GFC+06, HSS+05, HWU+19, HH11, HB00, HHH+07, HRMRK92, HHH12, HI11, JKL+16, JKK+18, KZ08, KBS11a, KSN08, KH05, KBK+10, KHK+09, KWN+14, KSS+15, Kuz94, LD08c, LD08b, LK10, LeYTM08, MW11, MHA17, MF508, MBJ+15, MJI+13, MTF03a, MTF03b, Muñ14, NM14, NNB97, NB15, NG97, OT11, PBPP11, PJ94, PGK17, PGSS07, PJS15, R508, RA94, RDG01, She99, SSK07, SD94b, Spe91, SC95, SKALP05, TNSF99, TSDSK13, UH92, UWA+19, VF16, VHB16, WSBW01, WGM+09, WRK+16, WSE04, XYM13, YYW08, ZSP98, ZBP99, ES94, Ger92, KJ92, MDC93, MSH+92].

Ray-bundle [TSdSK13]. Ray-Cast [LK10]. Ray-Casted [CDG+07, FKE13]. Ray-Casting [FQK08, HSS+05, KZ08, KSN08, RS08].

Ray-generators [ES94]. Ray-Tracing [BBDMS5, CDP95, HHH12, SC95, SKALP05, NG97, PJ94]. Raycasting [BES15, Fre18, Frū04, LCD09b, RSTK08]. Rays [DGH08, GGW98, HI11, KPD10, Sun92, HRRR18].

Raytracing [AP+05, GPP+10, LCD10, MW06]. RBF [KWN+14]. Re [HS99, LWW+16b, RGW05, SSF06, VW90, ZHD18, TAAP+16].

Re-coloring [RGW05]. Re-Composiitable [LWW+16b]. Re-evaluation [GW90].

Positioning [TAAP+16]. Re-Using [HS99]. Re-Weighting [ZHD18]. Reaching [KAAT03a, KAAT03b].

Reactions [LPSV14]. Reactive [HS16, NG03a, NG03b, PP07]. Readability [APP10]. Reading [CKI9, MRL+17, OAJ14]. Ready [HBLB17]. Real [ATK17, AHT04, AMT+12, BSW10, BPA16, BHW11, BM15, BK05b, BBP08, BL11, BNC96, BN08a, BHH10, BN12, CP88, CRC+15, CLH+08, CWK07, CCI13, CMT02, CMT05, DER+10, DRS08, DFO9, FR00, GO10, GMAG15, GS09, GBP05, GJW08, HSS+05, HCBW19, HL01, HS04, HREB11, HR10,
Reasoning [Duk95, KNH^18, MCH94, SR19]. Rebalance [XLL^+10]. Recall [SSKB15]. Recognition [DLGY12, EBSC99, SBG17, SRG16, ZDJ16].
Recognition-Difficulty-Aware [ZDJ16]. Recoloring [HZMH14, HWL18, KKL16a, NPCB17]. Recolourization [DRA10].
Recombination [JTRS12]. Recommendation [WLL^+17]. Recommendations [CLWM11, GOB^+10, LCSS19, RAMG15]. Reconstruct [KSS97]. Reconstructability [JWC^+11]. Reconstructed [LCM^+09, SPOK95]. Reconstructing [BSCH18, DPT^+08, DZM08, LFGG08, MPS08, MB08, RK10, SWG08, WL08]. Reconstruction [AKSA09, AAK^+09, AIAT12, AS96b, AGDJ08, ACV^+14, BV09, BPW14, BEEM15, BB00a, BCS96, BTS^+17a, BTG95, BG08, BLK11, BHGS06, BdM14, CT11, CD10, CCLN10, CWV^+11, CLCL11, CCC^+14, CFGL16, DLRW09, DLs10, DGQ^+12, DMAL10, DFY14, EMK09, ECN14, FCGA97, FAVM09, FEM^+19, GS14, GHH01, GCSA13, GKS00, Gro16, GTS86, GMW97, GLLR11, HTG14, IKL^+10, IEE^+14, JWB^+06, JJKL18, JSLW14, KPS95, KBO^+14, LP09, LA13, LGN15, LEE17, LBD^+08, LCD10, LT^+X14, MPS08, MS11, MVZ16, MPV^+14, MB08, Men95, MC10a, MKU15, MRL10, MWW16, MDP^+10, MVH^+14, MPP16, MWA^+13, NOS09, NSC14, NJGW15, NDD14, NP00, NMOT01, OMW16, OPC96, ÖGG09, PM16, PK08, PPT^+19, PZY08, PG08, PSD^+10, PGK10, RW16, RLH^+18, RI17, RL09, RK09b, Sad09, SYM10, SDK9, SKZ13, SSW14b, SX^+Y11, SLS^+06, SBCBG11a, STC^+16].
Reconstruction [SMG10, TOZ^+11, VHB08, VMA^+04, VMG09, WO02, WLT12, WYZC13, WXL^+13, WGS10, WCM15, XSX^+14, XXY^+18, YWB03, YCL^+17, YHL^+16, ZLK05, ZFG^+17, ZHK15, ZTG^+18, ZSG^+18, ZJL^+15, dGCSAD11, vKvLV13, AS00, BBA08, BG93, DF93, GJ02, Koc93, WG93, YGCO^+14]. Recorder [WLSG03]. Recording [WLI^+12, WLSG03, SBB14]. Records [Rcb11].
Recovering [AAK^+09, BCD^+13, BEKB15, PG94, PH17]. Recovery [ACKM16, AP10b, DZC19, Kob05, RM17, Váz07, HNJ^+14]. Rectangles [SK86, UFK13]. Rectification [ACOM12], rectilinear [MAG19].
Recurrent [SBL12, YYZ18]. Recurring [ZCOAM14]. Recursive [GO15, NW01, PN97]. Redirection [WBM^+18]. Reduce [KLD^+09]. Reduced [BNH^+16, BG08, CZ09, CGH18, FMD^+19, MKU15, SO12, YWHB18, ATW15].
Reference [BPKB14, CPP08, DP93, DGC^+98, HCA^+12, KG19, Pin92, PNR89]. referenced [vGPNB17]. Refinement [BS08, DMR19, DLS10, DS11b, DRS08, GBP05, HMB17, KT09, KP18, UKCB15, VCP09, VK18, ZWRH14, GH96]. Refinery [KRD^+15]. Refining [IY10]. Refitting [VKJ^+17]. Reflectance [BR97, BB12a, BCRA11, DLD12,
Render2MPEG [HKMS08]. RenderBots [SGS05]. Rendered [CHM+13, LCSL18, WW09b]. Rendering [ARC05, AGG+08, AFK+14, ABG+12, AHTAM14, ABB+07, ACV+14, Ano07], AWB08, BW09, BSW10, BSJ08, BB09, BR07, BEEM15, BSA11, BPA16, BMD+08, BJCW09, BOB13, BRM+16b, BWPP04, BM15, BNH+16, BG02, BPV+09, BPMG04, BPMG08, BB17, BBP08, BLW11, BG07, BG09, BN08a, BNH10, BN12, BL08, BBP09, BES15, CCS95, CS99a, CJW+06, CNCO15, Cal96, CRGZ10, CSI09, CLH+08, CKB05, CSD11, CC08, CWW+11, CYY+11, CBT16, CC13, CMF18, CYJ02, COF95, CKM+99, CDPS09, CNS+11, CMH+01, DHK+14, DLW+09, DDKL09, DCGG11, DWR10, Déc05, DMDV12, DSW09, DER+10, DWE03b, DKN+95, DHC00, DJZ+09, DBLW15, DC10, DFY14, DDC09, DBHM03a, DBH03b, EWH08, Elh99, EBR+14, ENSD12, ESKD14, ER18, EBA+09, EBS03a, ESK03b, FCH+06, FK08, FP04, FC10, FV14, FLJ+14, FSES14, FW99]. Rendering [GD16, Gar09, GKB09, GKB+11, GDML13, GKPS12, GMAG15, GHK+10, GCP+09, GMC+06, GKD07, GGK06, GPGSK18, GRC13, GPRS14, GG08, GFW+06, GKT16, GRR+16, GSM08, HK09a, HSS+05, HB96, Hal99, HSB99, HD14a, HBRW+12, HL01, HDBC17, HBRD+18, HVAPB08, HHS05, HWK+10, HKMS08, HMK+95, HH02, HHD03b, HFE13, HMB08, HREB11, HK03b, HK09c, HGP+19, HR10, HHRRZ12, HLL07, HHD+12, IP00, IGMK+16, IRW17, IDN02, IDN03a, IDN03b, IFDN12, IMDN14, JW97, JBB+08, Jan91, JA18, JZ08b, Jen97, JK13, JCW11, JSY14, JKK+18, KS13a, KZ08, KSN08, KVS+14, KSL+08, KCH+18, Kle06, KHM09, KWN+14, KBLE19, Kon06, KDCM14, KS07, KBK13, KUMY10, KW05, KQWM08, KKR18, LW94, LMD04, LA05, LB06, LWDB10, LMP13, LVP18, LD07, LK08, LL09, LE13, LLA06, LSR17, LGB+03, LC99]. Rendering [LLG97, LMS04, LMPD15, LLHY09, LBH12a, LG95, LGK97, LLD10, LCM+06, LCD09a, LCD09b, LWPB14, LA15, LKG+16, LP13, MEMO14, MW11, MS14, MS16, MBM13, MVZ16, MFPA15, MFMF08, MT01, MBW08, MBJ+15, MMF10, MS98, MDSB14, MSW04, MPS05, MSHD15, MKB+05, MH13, ME04, MGAF95, MDW08, MMS+05, MSK06, NIDN16, NSG11, NDG17, NPCB17, NPW10, NKF+16, NIDN97, OKP+08, OT11, OKG+10, Oil04, OP10, PHE+11, PBPP11, PLPB07, PWC+09, PFPD98, PSL98, PCF05, PC12, PMDS06, PA01, Pur03a, Pur03b, QNT03a, QNT03b, RHE+12, RBG08, RGB+14, RS08, RKRD12, RRS12, RKK+16, RAP08, RPZ02, RZLG08, RH17a, RS06, RSTK08, RSD+12, RPL01, RGD+14, RB08, RH06, RMSD+08, RMZ13, RK09a, RMS+08, Rus01, RD05, SDG99, SHSK16, SBE16a, SLS02, SW08a, SYM+12, Sch94b, Sch88, SBF15, SPH+09]. Rendering [SGM+11, SKZ11, SRK13, SC08b, SDS+16, SHZD17, SHP+19, SÖA+19, SLTM08, SIKD05, SPBV10, SCM+09, SKS14, SMTG07, SB99b, SFWS03a, SP03b, SG15, SGEM16, SE02a, SE02b, SBLO3, SvdL03, SSJ+10, SKS09, TSM94, TCRS00, TMO04, TP88, TDDD18, TW10, TRSKK08, TsSK13, Tok15b, UWP06, USSK11, VCRG14, VSD09, VCL+11, VSG+13, VWH18, VVC+11, VBHH13, WSBW01, WSO2, WW99, WWH+10,
HMW+15, HSvK18, Kob03a, Kob03b, Par89, SR96, Sor06, SDKG18].
Representative [JPN15, MW18b]. Representative [SSS+12].
Represented [AS95, VS09]. Representing [AM00, FAC017, Liec17, QSW92, RLH+17b]. Reproducible [SLSG16].
Reproducing [AHKS94, OYH18, YMMS06]. Reproduction [KK18, KMS05, NSR17, SSS00]. RepSnapping [HZZ11].
Researchers [Bot07, Bru11, Eis11, Kau07]. Reservoir [Wat87]. Reshape [CLDD09]. Reshaping [GBU00]. Residue [LMA+18]. Resizing [xHMC09, ZHM08, ZCHM09]. Resolution [AVR10, BPMG08, DBS+18, GB16, HCDC18, HHNC19, KCL+18, LBG16, LeYO+10, LWZ+09, NDG17, NB12, PK08, PGG+09, SJ+17, SKTM11, TTN+13, VG00, WHL+04, ZLZ+18, ZBW11, ACA18, DTV15, KKK18, LCC+17, VF14, ZLYL17].
Retargeting [AMYB17, ARB+18, BB12a, BSVS04, BMS+12, CYC15, GTK+12, HCS+16, JKL18, LLX+11, MBBT00, NJ04, PWS+12, RKGS+18, RSD+12, WHL+04, WBH+13]. Retargetting [JNO4]. Retraining [YLT19]. Retouching [IRWM17]. Retracted [KL19]. Retrieval [BSG+95, CTS003a, CTS003b, CYI+12, DS11a, DCG87, GKH+14, LSF+11, LDGN15, LS15, PS10, SXY+11, SJF+11, TCLK12, TVD09, WLL+17, ZCK17, BCSG13].
Reusable [MCL96, MP10, OCL96]. Reverse [DMS14, HHS+05, Jen07, PH17, SMAB02, TT12]. Reverse-Engineering [PH17]. Reversing [SB99a]. Review [Ano87b, Ano88b, BH19, Cal07, CGM19, CY11, DDM03, FPC+16, FW17, GGP+19, GP12, GL94b, HH11, Kau04, Lan07, MS+08, OLG+07, PF90, RPA+15, UWP06, VBB+06, ten82b, EMU17, GL94a]. Reviewers [Ano07h, Ano10d, Ano11f, Ano12g, Ano13j, Ano14d, Ano15j, Ano16m, Ano17k]. Reviews [Ano97i, Ano97j, Ano97k, Ano98n, Ano98o, Ano98p, Ano99c, Ano99d, Ano00b, Ano00c, Ano02a, Bar05, BIWG08, BDG+04, BBC+05, CON08, How91a, How91b, How91c, How97, LHD+04, MMS+05, NMK+06, Owe89a, Owe90a, RD05, Sor06, TKH+05, WHS+18]. revision [DD92].
Revisions [VD90]. Revisited [BBCW10, BFG+17, KKF+17, MBW08, FZP92]. Rewriting [MH13, PFD12]. Reyes [LPD14]. Reyes-Style [LPD14]. RGB [BIZ18, CJXH17, KLZT16, MD19, ZSG+18]. RGB-D [BIZ18, KLZT16, ZSG+18]. RGBD [LEE17, LTX+14, WCM15, YCL+17].

**Sampled** [AKP⁺05, AAK⁺09, AP10b, AAS17, CCI⁺07, GO15, PKG03a, PKG03b, VSG⁺13, WSG05, DCV14]. **Samples**

[CTL13, OMW16, OW19, RSK12, ZHD18, PCF05]. **Sampling**

[AKSA09, AAK⁺09, AHH⁺06, BBH13, BV09, BHW11, BLD13, BD16, BN15, CLH⁺08, CWY⁺11, CYW11, CG12, CAM08b, CAE08, Csé18, DLW09, DLS10, DDC08, EMP⁺12, EJFadH13, ED07b, FP04, FP94, FCGW02, FV14, FBP08, Gam16, GO10, Gov19, GGG08, HAML05, Hld14b, HEV⁺16, HK09c, HIJ⁺17, IGAG15, JC09, KS11, KS12a, KKK02, KOS08, KF12, KKR18, LKI11, LLSS03a, LLSS03b, LYG15, LPG13, MMD08, MD16, MKU15, MFL13, MPS08, MMP08, MS08, NOS09, NNSK99a, NPCB17, OXKP12, PKG03a, PKG03b, VSG⁺13, WSG05, DCV14].

**Samples** [CTL13, OMW16, OW19, RSK12, ZHD18, PCF05]. **Sampling**

[AKSA09, AAK⁺09, AHL⁺06, BBH13, BV09, BHW11, BLD13, BD16, BN15, CLH⁺08, CWY⁺11, CYW11, CG12, CAM08b, CAE08, Csé18, DLW09, DLS10, DDC08, EMP⁺12, EJFadH13, ED07b, FP04, FP94, FCGW02, FV14, FBP08, Gam16, GO10, Gov19, GGG08, HAML05, Hld14b, HEV⁺16, HK09c, HIJ⁺17, IGAG15, JC09, KS11, KS12a, KKK02, KOS08, KF12, KKR18, LKI11, LLSS03a, LLSS03b, LYG15, LPG13, MMD08, MD16, MKU15, MFL13, MPS08, MMP08, MS08, NOS09, NNSK99a, NPCB17, OXKP12, PKG03a, PKG03b, VSG⁺13, WSG05, DCV14].

**Sampling-Based** [YZL17, LYG15]. **San** [SCA04]. **Sand** [RSKN08, SOH99]. **Sand-Water** [RSKN08]. **Sanity** [LA11]. **SAR** [SRG16]. **Satellite** [BPBD08, ZLYL17, SSK93]. **Satisfaction** [HHS01, MC19, Pin92]. **SATO** [NM14]. **Saturated** [MZT09]. **sbm** [Che06]. **SC21** [Bon85]. **SC5** [Gal84, tH83b]. **SCA** [SCA04]. **Scaffold** [JE13]. **Scalability** [MS11a, PHE⁺11, 1KBWS13, KMD⁺17, KBLE19, LDdLRB16, PKS10, PHE⁺11, SM10, SR19, SPD14, SO10, SGC04, TW10, UWA⁺19, WDM⁺12, WBSH⁺13, YNBH09, ZCZL13]. **Scalar** [GST14, HW10, HLH⁺16a, HHC⁺13, LS16, IWS18, LKG⁺16, NGB⁺09, PRW11, PW12, SSW14a, SW17, WGS10, AM92, ILRS03a, ILRS03b, MAG19]. **Scalar-Valued** [HW10]. **Scale** [ADMAS18, ABCN10, BPM06, BHP15, CIE⁺16, CYJ02, CBC⁺16, DMSL11, DSH⁺17, DWT⁺11, GLCC17, GLK16, HSBW13, HL03c, HK00, JLRKL16, Kje83, KS18, KHI⁺19, LS10b, LSS⁺12, LCB⁺18, LBH12a, MG87, MGB⁺12, MDJ⁺18, MS93, MHDG11, PD04, SY12a, SM11, SPPH11, SR14, SOG09, TL19⁺18, TBP18, WSSC11, WDA10, WAF⁺11, XSSM13, ZC18, CD10, DJM12, GDA14, GD12, LN17, MJBC13, MPM⁺14, MMS09, NGM14, PKG03a, PKG03b, PTA⁺11, SM11, YLHQ14, ZBQC13]. **Scale-aware** [JLKL16]. **Scale-Invariant** [CIE⁺16, MS93, ZBQC13]. **Scale-like** [LS10b]. **Scale-Space** [MGB⁺12]. **Scale-Stack** [HSBW13]. **Scales** [LS10b, LMSF19, ZAM⁺16]. **Scaling** [ACS⁺17, BCGB08, LLNS18, MKR11, SSDK12, ZK08]. **Scan** [CZ09, Che97, CW09, DML10, DKS01, Lin85, Rok97, TT94, WH04, WW87b, YR97, SDD⁺92]. **Scan-Conversion** [CW99, Rok97, YR97, Che97]. **scan-line** [SDD⁺92]. **Scaline** [BG01, PH87]. **Scanned** [BL18]. **scanner** [RCM⁺01]. **Scanners** [MDBS14]. **Scanning** [BG08, KMHG13, LVT08, LBD⁺08, PK08, Sco02, PFC⁺05]. **Scans** [AKSA09, CACB18, LSP08, SJWS13, MPM⁺14]. **Scatter** [KARC15, SML17]. **Scattered** [PS96a, SPOK95, SHLS02]. **Scattering**
Second-Order [GRT19, KASH13, LPG13, ORT18, SK16a, MRL10].
SecondSkin [VSD09]. Section [AJA11, Ano96d, Ano00d, Ano02b, DPW11, DS11b, FWP11, GSZ11, Hew84a, HP11, KP11, Lav11, MVPG11, Mér11, NBCW+11, NRP11, OHG11, PB11, Rus11, SY11, SBCBG11b, TOZ+11, VP11, WBCGH11, WSC11, dGCSAD11, vKvLV11]. Sections [BV09, KBT+12, MB08, POB+07, SSSL14, DMNV12, HHCJ18]. Security [MSFM16, SMvdWvW15]. Seeding [ELM+12]. Seeheim [End84c, Mac85]. Seen [GTK+12]. Segment [Che97, SMJ17, Ste84]. Segmentation [AGDJ09, BLVD11, BPVR11, BIZ18, BK03a, CLT+08, DGV08, DSWH17, FMH16, HMTH13, HPH10, HFL12, IY10, IYS+13, Jac17, JWL+13, JKS05, KT09, KWOG18, KJT14, LT17, LMW+19, LWL+16b, LZ07, LCWK07, LCHB12, NW17, NSS+12, PKG03a, PH03a, RT08b, RT08a, RBC14, RMG18, SMH10, Sha08, SLSK07, SHJ+16, SLLW08, SHS13, STP17, SFLP18, TWS+11, VGB14a, WE97, XXLX14, XSY+14, YYPZ07, YL11, YLX+16, ZQQS08, ZWC+10, ZT10, ZVE+14, DFIM15, SNKS09, VF14, ZZCJ14]. Segmented [JJKL18, NW17]. Segmentifier [DRM19]. Segments [LLW12]. Seismic [McC83]. Select [SV10]. Selected [AR06, Arn08, DCPS08, Zot08, Gob95, Gob96]. Selecting [LAE+12, LFK+13, SNLH09]. Selection [AMSF08, BSY+19, BvLBS11, ESRT13, FE17, HREB11, KR05, hKTL+17, LSJK09, She97, SPSK13, TW+16, ZC18, GTB14]. Selections [MGB14]. Selective [CAS+19, HDBRC17, HBR+18, MCO97, RKRD12, SS15a, vP94]. Self [AAB+10, AMT02, ACOS18, BB07, BBAM12, CK10b, CY11, DCV14, KNL+15, SJF+13, SN08, SWS12, TW10, VT94, WLT+17, WC14, YLD+18, LN18, RRS12]. Self- [CK10b]. Self-Adaptive [CY11]. Self-augmented [YLD+18]. Self-Collision [VT94, WLT+17, WC14]. Self-Intersection [SJF+13], self-intersection-free [RRS12]. Self-Learning [BB07]. Self-Organizing [AAB+10, AMT02, SWS12]. Self-Shadowing [SN08, TW10, LN18]. Self-similarity [ACOH18, DCV14]. Selfie [WLW+16b]. Semantic [BDF+14, BCWR08, CN05, HMW+15, JJKL18, JBS+06, KWOG18, PTT+12, SML15, WPW+11, FS92]. Semantic-Preserving [WPW+11]. Semantically [JBMC10, JJKL18, LFK+13]. Semantically-Resonant [LFK+13]. Semantically-Rich [JBMC10]. Semantics [SABG+05]. Semantics [PL94, RBG08]. Semantics-Based [PL94]. Semantizing [BHMT13]. Semi [ABC10, AYLM13, AW13, DSC09b, DRS09, ER18, GSE+14a, KySK08, KvLB14, KSD14b, LLN+14, LCM+09, LCHB12, MKP+16, MC14, MEKM17, Nie95, NBMI14, PSM12, PRS15, RLMB+14, SD10a, SKZF11, WS09b]. Semi-Analytic [NBMJ14]. Semi-Automated [LLN+14]. Semi-Automatic [GSE+14a, KvLB14, MEKM17, WS09b, MKP+16]. Semi-Homogeneous [Nie95]. Semi-Implicit [SKZF11]. Semi-isometric [ABC10]. Semi-Lagrangian [AW13, KySK08]. Semi-Regular [AYLM13, PRS15, DSC09b]. Semi-sharp [KSD14b]. Semi-Stochastic [SD10a]. Semi-Supervised [LCM+09, PSM12, LCHB12].
Semi-Transparent [ER18, MC14, RLMB+14]. Semi-Uniform [DRS09].
Sensing [GSHN94, K ´OOH13, WBAI19, XSE14]. Sensitive
[BSAP11, SBS+17, SG96b, VRKSO1, BG01, GGM12]. Sensitivity
[BMPM12, DW13, NWWHD16]. Sensor
[BCN11a, CD18, GJL+09, SBM+14, WZ15, CACB18]. Sensor-aware
[CACB18]. Sensor-based [CD18]. Sensorimotor [HL18]. Sentiment
[KPK18]. Separable [JZJ+15]. separate [CH12]. Separated [BM15b].
Separation [GOPT11, GT15, STM12, WLN+17]. Separatrix
[GSW12, WG09]. September
[Ano97w, Ano04b, Arn91, BH96, CG07a, Cre88, DJ88, DT04, Enc81, HHS89,
HB91, Kil85, Pur07, TT95b, Van80, Van85, WG82, tH83a, TB84]. Sequence
[BHW17, CFB16, CWM19, YLL15, PFC+05]. Sequences
[AECOK16, BCS96, BG02, CKK18, DH16, GRPF16, HB00, HKL17, KR19,
KCMJ16, LLLV18, LKD+17, PCDS12, PCX+18, SCD+16, SEASM09, SWG16,
YLD+16, CH12, Koe93, van89a]. Sequencing [WS09b]. Sequential
[PWP08, SW08a]. Series [AKMM11, ARH12, BHR+19, BBL12, DH16,
GRPF16, HJM+11, KCMJ16, MLD+18, SAAF18, SWG16, SMB+14,
TFA+11, WG11, WS09b, vDvEvW19, KWS+15, LRB+15, RL15]. Serious
[MTVJ11, Saw07]. Service [Ano95w, Ano95x, Ano96q, Ano97p, Ano97-37,
Ano97-38, Ano97-39, Ano98-28, Ano98-29, Ano03e, Ano04c]. Services
[Ano95y, Ano96r, Ano97-40]. Servoing [MC02]. Session
[AW13, AO13, BCD+13, CHM+13, CTL13, CNKI13, CCI13, EWUM13,
FWX+13, GDML13, GRC13, HSmCY13, JCK+13, JK13, JWL+13, KMHG13,
LCC13, LJBA13, LLC13, LPG13, LLSC13, MH13, RMZ13, SRK13,
SYT+13, SHS13, SKWL13, TTN+13, TsdSK13, WZH13, WCX+13,
WWL+13, WLM13, XVG+13, XZX13, ZXP+13, XSQ13, XADR13, YH13,
ZYP13, ZCZL13, ZLKW13, ZCF+13, ZWY+13, ZIM13]. Sessions
[HEHG+83]. Set [AA06, AKA+16, BK03a, BK03b, CKS708, DvKSW12,
GGG08, HCD18, JK13, Kim15, KTW+13, LA13, LZW+13, LDY10, Man83,
MMS07, MWT19, MBW+05, NM91, ÖGG09, SDK18, TS16, Wei04,
XDC+13, WLS13, vKvLV11]. Set-based [KTV+13]. SetCoLa
[HBH18]. Sets [ASVNB00, Bak88, Bak91b, BDF+14, BSW+14, BM12, BTB13, CG12,
CWM09, CPK09, DGQ+12, DML11, GCSA13, KS11, KS12a, KWS16,
MBR+13, McC83, NNB97, NSM19, PSK09, RGM+18, RL16, SHLS02,
SBG17, SvW13, SGE+14, SAA09, VMG09, WK04, Yuk15, AS00, FR92,
GRT14, PFC+05]. Setup [ARG+16]. Seurat [WTL11]. Several
[Szy91c]. SM [WK15]. SGS [Pas02]. shade.js [SKS14]. Shaded
[CATHAM10, MRD12, RPLH11, YB18, YWHB18]. Shaders
[DBLW15, Lew94, SPS95, SW08b]. Shading [ABG+12, BYP95, BL86,
BBDA10, Cal07, DZCC19, ENSB13, FC10, GRDE10, HSS+05, Kau04, KCO8,
KB12, KB89, LTKD15, MTCT84, NAM+17, Nar95, PA06, Sch94e, SBF15,
SPH+09, ŠPV10, TT97, TH17, WJB+13, WB02, WN09, ZM16, AHT14].
Shading-based [DZCC19]. Shadow
[AHMAM15, AHL+06, BBH13, BKB+12, BS03a, BS03b, CJW+06, FWX+13, FBGP09, GMAG15, GBP07, KSCN19, LLA06, LSMD15, MWS+16, MSWI12, MIW13, NM14, OP10, PWC+09, REH+11, SVLL10, SBE16a, SWP11, SDMS15, SGFY11, SFY13, SL08, SEA08, TIK17, XLH+13, XSMX13, XXZC13, YFGL09, YDF+10, ZZLX17, BBAM12]. **Shadowing** [BKB+12, BBAM12, HBA12, NKF09, SN08, TT95a, TT97, TW10, YIC+12, ZCBK12, LN18].

**Shadows** [AHT04, BBH13, BNJ15, CJW+06, CAM08b, ED07b, ED08, FBP08, FBGP09, GBP07, GJW08, HMS09, KPD10, LSMD15, Los97, LD97, MSW04, MAAG12, NKLN10, NPW10, NKF09, OPP10, SVLL10, SSSK04a, SBE16b, SS07, SDMS15, SFY13, SEA08, SARZL10, SN08, Tim13, UGLY08, WA09, WZKP14, WS99, YFGL09, YHGT10, YK08].

**Shah** [BCGL18].

**Shake** [WYD+13].

**Shallow** [DHK08, PHTB12].

**Shape** [AWO+10, AHKS94, AYLM13, ATCO+10, AKZM14, AKM16, BL10, BSK+13, BDC18, BW+11, BD12, Ber09, BCGS13, BCBB16, BMM+15, BEKB15, BK05b, BDS+12, BHMT13, BvTH16, BBP10, COO15, CCSG+09, CLE07, CLME09, Coh95, CRA+17, DD+17, DGVO8, DBD+13, DMS14, EDP15, ESP08, EZK08, ESKBC17, EBC17, FST13, FG04, FCS+16, GSDG18, GLHH13, GCLX17, GBAL09, GL12, GCSA13, GAWJ15, GOKM18, HSS+09, HCW17, HBA12, HPH10, HFL12, HSvK18, HWAG09, HG13, HMK15, HO17, HCO18, JWS12, JTRS12, KWS16, KL08, KP18, KJC+09, KSO10, KKS15, Kim15, KFLCO13, KO19, KBS00, Kob03a, Kob03b, KKB+13, KR+13, KSKL13, LA13, LT17, LGH13, LMP13, LKEP14, LJ+12, LJJ+18, LRBB17, LZSC09, LP10, LVL+15, LGZ+16, LJC17, LCWK07, LCHB12, MCH13, MGG10b, MBG+12, MSAP15, MGB+12, MRC+18, MB08, MB+12]. **Shape** [NWCS13, MEGM17, NSC14, NBC+11, NNRS15, NC16, NO17, OLA16, OM13, OSH08, OHG11, OMPG13, PB11, Pat16, PPT+19, PBB+13, PSO18, RLH15, RBRY19, ROHM+15, RKN10, SY11, SY12a, SY13, SY14a, SY14b, SWK07, SXY+11, SBC14, SC04, SGB13, SMB+10, SSB05, SOG09, SJW+11, SJWS13, TBW+11, TBTB12, TVD09, VPP+04, VT94, WL08, WXL+11, WK12a, WLL+17, WGI11, WSLG07, WBCG09a, WMZ12, WSSC11, WDAH10, WY13, WZCF15, XXL14, XSS+15, XSL+14, XM15, XKHK17, XCDR10, YFW12, YL11, YLI+14, ZY04, ZSC+08, ZC9M09, ZC+10, ZDZ+15, ZST+10, ZTO10, ZFCO+11, ZCOM13, ZC0M14, ZH+15, ZXTD10, ZLW15, vKTS+11, vKZHCN11, CH12, DFIM15, D093, GGRZ06, KS92, LBC14, NW17, SNK09, ZKWG16, vKvLV11, LGZ+16].

**Shape-appearance** [NNRS15].

**Shape-Aware** [JWS12, LGH13, CL107].

**Shape-from-Operator** [BEKB15].

**Shape-Preserving** [ZHCM09].

**Shape-simplifying** [KL08].

**Shape-Up** [BD+12].

**Shaped** [CD08, DLC05, KS12b, NS11].

**ShapeGenetics** [HSS17].

**Shapes** [ARB+18, AMSF08, Att15, BPVR11, BS12b, BEKB15, CJFH14, COO15, CD10, CZ08, CCSG+09, EBC17, FCAG97, GSGTO16, GMW97, HCGW14, HMW+15, HFL12, JLW10, KLMIK19, KFLCO13, LCSL18, LIO7, LZW+13, LGK16, LMHH14, LMP16, MCH13, MTO2, OPC96, OSG08, OBCCG13, RF96,
ShapeSynth [AKZM14]. Shaping [BDS+12, MRL+17]. Shared [GO10, HMW+15, KH95, Ros13]. Shared-Memory [KH95]. Sharing [CCC+14].

Shape [TM13], Shattering [SWB01], Shaving [NLED08], Sheared [CS98a], Shearing [HL02], Sheet [Tak19], Shell [LZY+17, ZLW+16, ZXZ+17, Fre90, YCXW17], Shells [AWO+14, CWK07, DH14, FB11, HRWW12, HRS+14, HRS+16, HZRS18, KSD14b, PTP+15, WSG05]. ShellTrees [KGL+98], Shepard [BAU05].

ShieldTester [NRJS03b, NRJS03a]. shift [XL10], Shifted [BSH12]. Shifting [ST18], Shiny [BCRA12], Shock [PK15], Shooting [HB00, Sbe97].

Short [Ano98v, DAP08, Kje91a, Sab82], Short-Horizon [DAP08]. Shortest [BLP10, SS91]. Shot [KBHM15, CKL14, MSZ+18], Shoulder [HPH10].

Shrink [KVLS99], Shrinkability [ZHM08], Shrinkage [VPLL08], Shrinking [EBV05], Shutter [CL14, TSY+07], SI [WDM+12], SIAS [van89a], SIGGRAPH [AR06]. Sickness [HL18], Sided [NSY09, SS15a, TPSS14a, VSK16]. Sifted [EMA+13]. SIGGRAPH [CSLG10, Des06, PS10, Rob87, Ano95z, Ano97-30, End83b, Hop84, ID10, IC11, Jan89, LLD05, LLRD07, Sch98].

Sight [NYTN87, AGCO13], Sightlines [BAO+19], Sigma [DM92]. Sign [LO95, RB03a, RB03b, HR92], Signal [BB88, SD10b]. Signals [GO15, CH12], Signature [DLL+10, SOG09, XYL09], Signatures [AA09, COO15, CC18+09]. Signed [CT11, CCI08, CSS18, MRL10, SFFP15, HR92]. Significance [BRDC12].

Simplification [AS96a, ABC04, AWB08, CLH+08, CLS16, L03a, L03b, CP10, DGGP05, DC10, ED07a, FSW99, ESC00, FCW02, HSL96, JWH19, KWS16, KRM+15, LS09, MG10, RGG15, US+08, SC08b, SSL14, TLV+04, VK09, WBC09].

Simpler [NB12], Simplex [BYB09, DSC09b, DSC09a, MRS18, SNKS09, WD11, YLL+09], dCTAD09. Simplicial [JFS06, LS16, MS10b, RL14]. Simplification [AS06a, ABC*04, AWB08, CLH+08, CLS16, L03a, L03b, CP10, DGGP05, DC10, ED07a, FSW99, ESC00, FCW02, HSL96, JWH19, KWS16, KRM+15, LS09, MG10, RGG15, US+08, SC08b, SSL14, TLV+04, VK09, WBP98].
YWHB18, dGCSAD11, vKP06, BC01, TPC+10]. **Simplified** [CRS98, DSC09b, OPC96, RT08b, TE10]. **Simplifying** [MMG10, KL08].

**SimSelect** [GTB14]. **Simulated** [BAAR13, EKW+13, GP12, KMN+08, LE13, Sch94a]. **Simulating** [Buc98, DGA04, GLHB09, MRD12, RKN10, Sta97, Wu90, Ye08, ZCT18].

**Simulation** [Ai98, Ana95-27, AO13, BSK16, BS19, BET14, BMO+14, BNC96, CWK00, CC14, CZE11, CWK07, CKHL11, CMT05, DAP08, DCG11, DYN04, DMN08, EKW+13, ENC82, FBT99, FAW+16, FIM15, FMD+19, FH+11, GBW16, HS04, Heg90, HE94, HH98, HBLB17, HL18, HK00, HJS+17, IUDN10, JPK13, JL18, KTN07, KMTT92, KPN10, KTB11, KS18, KBB+17, KW05, KMN+08, LeYO+10, LWPL15, LG+18, LL18, LCM+18, MR17, MGG+10a, MKMA19, MGC18, MBCN09, MBT+12, MMS09, MSGT18, MGN17, MPBM+17, MESG11, NGHJ18, OIST91, OLF+14, PAI02, PPD07, PBK10, PTB+03a, PTB+03b, RP01, RHLH18, RIF+09, RT08b, SCN+16, SLS04, SJ13a, SL07, SWML10, SHCB15, SK14, STBG12, SWB01, SWKL13, ST08, SDHL11, TTT+13, WT+16, TW90, UT02, WJDZ14, WFF+18, Wat87, WMWG09, WMRSF15, WHT12, WHP+11, Wi87b]. **Simulation** [WLZ13, WAF+11, WDGT01, WYY13, WWD15, XZ+13, YLHQ14, YMJ+17, YBK+12, YKH+09, YWTY12, ZY02, ZTW+12, ZLM+15, ZLYL17, ZCP07, ZLKW13, ZYF10, dHvPJV14, BHT19, BH96, DMCN+17, HPT89, KWF+01, LJK+12, LG92, RPP93, SW92a, SGC04, TT95b, YLCH18, Ana98f, H´eg91, TvdP98]. **Simulation-Ready** [HBLB17].

**Simulations** [ATW15, ATBG08, BAGM04, BTM+19, CBS14, CBKK+19, FKE13, FAW+16, JKJL18, KAT+19, OHBK09, RGG15, SWT+18, SC05, SHQL18, WYTH18, WGO+14]. **Simulator** [KT10, PCR89, SB13].

**Simultaneous** [ABC+91, ESKT15, ZBW11]. since [Joo86]. **Single** [AWB08, ARM+15, AW07, BCN11a, BPV+09, CKL14, DÖ+17, DSY10, EHT18, EIKM16, ECN14, GE04, HP+16, Ho15, HP93, IEH+14, IEK+14, IEK16, IRWM17, KrJC+11, LVV18, LSZ+18, LCM10, LMG+13, MWS+16, MES+11, NBA18, OAO11, PP09a, PSP10, RZLG08, SM11, SG08a, SL09, SPT14, WL08, YXHH18, YLD+18, YLH+14, ZCW+15, ZCF+13, YGCO+14, HRRR18]. **Single-Cell** [HP+16]. **Single-Image** [LVV18, HRRR18]. **Single-Pass** [LTD10, AWB08]. **Single-scattering** [RZLG08]. **Single-shot** [CKL14]. **Single-Strip** [GE04]. **Single-Value** [SL99]. **Singles** [vdEvW13]. **Singular** [DGQ+12, Got94, KSBC12].

**Singularities** [RRS97b, RRS97a]. **Sit** [LBMR18]. **Sites** [GBU00, PL96]. **Situ** [BAA+16, SEI10, SAS+16, WAF+11]. **Sixth** [Ana95-27, AS98, Kui91]. **Size** [BGAM04, KGR+16, MW18b, Shc12, YYZZ18]. **Sizes** [XGDC17].

**Skeletal** [FGCA97, LLSC13, WSLG07, YCLE09]. **Skeletally** [KZ05].

**Skeletex** [MRM+18]. **Skeleton** [DTTS08, HBK02, ITIO9, KMP+13, KFA+14, LW18, LMPS16, MRM+18, MVPG11, MBBT00, NB15, PWH98, TE18, YBS07, ZST+10, ZHH+15, Kur15, SLSK07]. **Skeleton-based** [DTTS08, HBK02, KMS+13, YBS07]. **Skeleton-Driven** [KFA+14, LMPS16].
Skeleton-free [ITYI09]. Skeleton-Intrinsic [ZHH+15]. Skeleton-texture [MRM+18]. Skeletonization [BB08]. Skeletons [LW17, RT08b, TAO12, TDS+16, TBTB12]. Sketch [AHKS94, BN08a, Che06, FCS+16, GM96, HMTH13, LFGG08, LCC+18, LG13, LWX+15, NSS+12, SSB08, SS08, SXY+11, SAG+13, TCGK15, WLL+17, YXHH18, ZLDM16, DH93a, WBCG09b, CSLG10, XMM+13]. Sketch-Based [Che06, HMTH13, LFGG08, SAG+13, WLL+17, BN08a, LWX+15, SSB08, SS08, SXY+11, WBCG09b, CSLG10]. Sketch-Driven [TCGK15]. Sketch-to-Design [XXM+13]. Sketches [ADN+17, BSCH18, GLX+16, OOI05, ZLDM16]. Sketching [BG95, BLP10, BCF94, HLH96, IOI06, KNH+18, KQWM08, LG13, SLE17, SSB08, Sch13, SC04, SAG+13, WHC15, WSBZ08, KHR02]. Sketchpad [EBSC99]. SketchSoup [ADN+17]. Sketchy [KÖS+15]. Skies [HCBW19]. Skill [HGB+10]. Skilled [FvdP15]. Skills [GCY+14]. Skin [BW17, IGAJG15, KB04]. Skinned [JKL18, RHC08, TPSH14b]. Skinning [GOT+07, GW05, KSO10, RF15, SHB07, SW92b]. Small-Multiples [BBL12]. Smallest [LK13]. SMALLTALK [Moh87]. SmallWorlds [GOB+10]. Smart [MAM14, NSS+12, Osh08, ZCOM13, EZK08, ZLDM16]. SmartAnnotator [WCM15]. SMARTPAPER [SC04]. Smartphone [ECN14]. Smoke [AO13, BXH10, DMYN08, KPNNS10, NC10, PSCN10, RR00, SKK10, WYY13]. Smooth [AECOK16, CT11, CWA+08, GW07, HTH96, JWS12, Jes16, Li07, LWY08, LS08b, MSW12, MNP08, PG94, SWS09, SLWSS15, VMA+04, CDFL16, SBD+15b]. Smooth-Shaded [Jes16]. Smoothed [HENISYS16, KBK09]. Smoothing [LT19, LWS+16, MLK+13, NOS09, Thi01, VMM99, WTL15, WGS10, YB18, ZFJ+16, EZK08, MLP92]. Snooker [HAG+10]. Snow [CEG+18]. Soap [Dur01]. Soccer [BB00a, SAMS+17]. Social [BCD+10, CLY17, GOB+10, HRD+15, JGH11, KvbLB14, KHI+19, RTJ+11, RPA+15, TX16, WDM+12, OKK13]. Society [FRA83]. Soft [AHT04, AHL+06, BMG99, CJW+06, ED08, FBGP09, GOt+07, GCMS00, GBP07, GJW08, HK16, HE94, HL03a, HL03b, KKBJ16, KARC17, LAA06, LMSD15, Los97, LD97, MP12b, MMO16, MAAG12, RGTC98, RF15, SS07, TDS+16, TBTB12].
SDMS15, SGYF11, SFY13, SEA08, SN08, SNB+12, SGB13, UGLY08, XLH+13, YFGLO9, YDF+10, ZIM13. **Software** [AHR13, BP83b, BG85, BD08, CPP08, Duc82a, Gna83, KH96, Mac84, Mar82, Mum86, TA08]. **Solar** [ABW+15, MPBM+17]. **Solid** [AMS16, BL86, DG98, DLTD08, Gam16, GM96, PH87, SCM+19, SZMTW15, TL16, TL19, WW11, WC14, XTLPO2, YSY94, FFD93, Gro92, Jac85, WG93]. **Solutions** [ AMS16, BL86, DGF98, DLTD08, Gam16, GM96, PH87, SCM+19, SZMTW15, TL16, TL19, WMRSF15, YLCH18]. **Solvability** [Bel87, BHU10b, CZZ+18, KGMM97, NHH97, Nic85, Pai02, PGBT18, PN97, SPOK95, SLS04, ZLKW13, YLCH18]. **Solver** [Aan18, ATW15, DKWB18, HE01, KH19, KySK08, Sta06, TL16, TDNL18, TL19, WMRSF15, WKBB18]. **Solve** [WBS+13]. **Solvent** [BGB+08a]. **Some** [HH90, Ric87a]. **Sorted** [KWD14, XLS+14]. **Space** [AJA11, AVR10, AMTMH12, AGDJ09, AAB+10, AHT04, AB97, BDA+17, BTB02, BT95, BT98, BvTH16, BSL18, BKLW13, BMS+10, CS08a, CLH+08, CDA+14, CCI13, CN05, DCOM00, DHS04, DMSL11, EBGM12, EAGA+16, GGW98, GW07, GKL17, HKD15, HRWW12, HRS+14, HRS+16, HZRS18, HFE13, HMB08, JH19, JD00, JD01, JL98, JC08, KD13, KNH+18, KW18, LS10b, LMP+10, LLHY99, LLB+10, LCM+09, LJJH19, MCH18, MO10, MBES16, MEMO14, MFNP13, Man16, MHA17, MSW10, MGB+12, MRS12, MuS6, NAM+17, NSM19, NSW09, NPW10, OZ06, PB07, PZB+09, PSDB+10, RLW+09, RPZ02, RL06, RGG18, RK94, RNh03, SSSSW13, SB13, SGM16, SLAM08, TFA+11, TW97b, WG11, WWT+16, WBT19, WTH+13, XWB15, YLB+16, YWHB18, YIC+11, ZSW10a, ZC95, ZFAQ13, ZST+10, ZZ19, ZLW15, AHcL14, AHTAM14, AS00, FMD+19]. **Space-Efficient** [CDA+14]. **Space-Time** [MBES16]. **Spaced** [EDPB15, JL00, SLCZ09]. **Spaces** [BPFG11, BvLBS11, BPP10, CSG+18, ERHH11, GSGD18, GHWG14, HW10, HM+15, KE97, MCH13, MF13, OMP13, PBK10, SBC14, SLO9, SC95, SDKG18, TFA+11, VAW+10, vBE11]. **Spacetime** [CTL13, TCLK12]. **Spain** [TD04, Gob95, NSGP06]. **Span** [BB99]. **Spawning** [THN93]. **Sparse** [BLD14a, BTP13, CCM08, CCM16, CRA+17, GDGP16, HR10, HY+14, LJJ10, LMMCQ17, LD10, MSAP15, MRAS17, OL+14, PBB+13, RXX+17, RK09a, RSK12, RK10, SHD16, SRK13, SD10b, SHG+16, SGM17, SHQL18, SBC+17, SCF10, SSI+10, WLZH17, WBS+13, WDR11, WTYH18, XSG+14, YLLL15, ZFJ+16, vMBPM17, GGM12, LBBC14]. **Sparsely** [HR10]. **Sparsity** [DSH+17]. **Spatial** [BT95, BCCS12, BSY+19, DG97, EGG+15,
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Structuring [HKL17, LA13, VMA+04, KH92].

Student [RBMS17]. Students [Kol08].

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Style [AMYB17, BV19, BG07, FMS01, GTL+18, JL18, LZW+13, LPD14, LGK16, LCUR14, NRM+12, PGG+09, UGB+04, WLL+17, YYZZ18, MHS+14, RLYL14].

Style-Based [UGB+04]. StyleBlit [SJT+19]. Styles [HS99, MSZ+18, XADR13].

Stylization [BZBM+16, BLV+10, CS16, FLJ+14, HHGJ15, KLC+15, LWB14, LM15, LCUR14, RLMB+14, SHJ+16, SJT+19].

Stylized [BBT11, BCMP18, CKB04, EWHS08, GRR+16, LG19, PMG13, TMO04, VVC+11, YKM12, ZISS04]. Stylizing [IHS02].

Sub [BK03a, BK03b, DFY14, JKL13, yKL08, PWC+09, UBH14, WK04, MMS09].

Sub-Grid [UBH14]. Sub-Joint [yKL08]. Sub-Pixel [DFY14, PWC+09].

Sub-Sample [JKL13]. Sub-Sampling [WK04]. sub-scale [MMS09].

Sub-Voxel [BK03a, BK03b]. Subdivision [ADS06, BT95, BPY16, BGS10, BHU10a, Cas12, CLT+08, DH14, DZCC19, DKY16, HLS12, KP18, Kob96, KSS97, KSD14a, KSD14b, LG00, LMOB5, LM07, LWY08, MM18, MS01, MRAS17, MH00, MTF03a, MTF03b, NW01, Nas03, NSY09, Pas02, PN97, RT08b, RT08a, RNV07, SB99a, SMAB02, SHLS02, SLLW08, SD94b, SL03, VK18, WM09, WW98, WP04, ZC95, ZQQS08, BHU10b, LDB07, MSH+92].


Summed [HSC+05]. Summed-Area [HSC+05]. Sums [CK10a, GA96]. Super [ACA18, BD12, Ber09, DTV15, HCDC18, LW+19, MAM14, SLHC12, ZLZ+18]. Super-Clothoids [BD12]. Super-Deformed [SLHC12]. Super-Helices [Ber09]. Super-Resolution [HCDC18, ZLZ+18, ACA18, DTV15].

Supplement [BFTL82]. Supplementary [Ano99m]. Support [BSK+17, BMPM12, CBK+17, CWS+17, EWHS08, GKLS19, KFW19, KMJE12, LCP+12, PDZD19, RLH17a, RWS+10, SSB05, VGB14a, VMTS10, WSC06, WKS+14, FT93, ST93]. Support-Free [KFW19]. Supported [HA17, NP00, RGSK10]. Supporting [BEF17, CE19, GCMS00, KFR18, LBC+18, BMPM12, CBK+17, CWS+17, EWHS08, GKLS19, KFW19, KMJE12, LCP+12, PZDD19, RLH17a, RWS+10, SSB05, VGB14a, VMTS10, WSC06, WKS+14, FT93, ST93].
YWTY12, ZBQC13, ZSCO+08, dGWBB+14, vKvLV13, Bak90, BP93, CL92, DTG96, DCV14, Ger92, Gnu93, GTB14, HP11, HKM15, KP15, KHR02, KBO+14, PCBL16, RRS97a, STM93, SW92b, TW97a, VG96, Vel92, dS96, Ano95b, DCV14, GTB14, MHS+14, VMHB14. Surgery [BNC96, MP10, TWS+11]. SurgeryCuts [ABK+19]. Surperspective [TON+02]. Survey [AM02a, ALCS18, ABC11, BPA16, BBDW17, BNN19, BMO+14, BTS+17a, BKR+17, BLB+13, Cas12, DCGG11, Han97, Hei01, HLB+16a, HGP+19, IS15, JSYR14, KWD14, KZB19, Kau04, KWBB+12, KCA+16, KBB+17, KMM+18, LLC+10a, LSPB18, LVP18, LD07, LOM+18, ML17, MCG+19, MWA+13, OJM+19, OLQ+07, PP05, PYY+16, PCR11, PBC+16, PKE17, PT88, RML19, RMR18, RBRY19, RP98, RD05, Sab86, SWP11, Sch94c, SCP+17, SLD+17, STBB14, Szy91c, TGG+17, TAE15, VBW17, Vel92, WTT17, WWD15, WH98, YZL17, ZWJ+19, vKZHCO11, Pri85, Sha08, WQG93]. Surveys [ML17]. SVBRDF [PCDS12]. SVG [HD02]. SVG.Open [Neu06]. SW [PRS89]. Swarm [VMH+13, WJDZ14]. Swarms [LWPL15]. Sweden [Oll04]. Sweep [BNC96, CSB96, LCM+06, Mül86, Tim13, YK06, SW92b]. Sweep-based [YK06]. Sweeps [BPW14]. Swept [CK10a, DKY16, JW95, MCM+12, WC02, YYP07]. Swipe [LCG10]. Swirling [PKPH09]. Switzerland [Kei04, Kun04, Van80]. SX [KSH92]. SX/Tools [KSH92]. Symbiosis [Haa96]. Symbols [Elb95]. Symmetric [KPK10]. Symmetrical [CC93]. Symmetries [BBW+11, GAK10, OSG08, WH17b, YM09]. Symmetrization [ZHH+15]. Symmetry [BCBS10, BBW+09, DSWH17, GAK10, GL12, KBWS13, KLCF10, KLAB15, KWW+14, KZB19, Kau04, KWBB+12, KMM+18, LLC+10a, LSPB18, LVP18, LD07, LOM+18, ML17, MCG+19, MWA+13, OJM+19, OLQ+07, PP05, PYY+16, PCR11, PBC+16, PKE17, PT88, RML19, RMR18, RBRY19, RP98, RD05, Sab86, SWP11, Sch94c, SCP+17, SLD+17, STBB14, Szy91c, TGG+17, TAE15, VBW17, Vel92, WTT17, WWD15, WH98, YZL17, ZWJ+19, vKZHCO11, Pri85, Sha08, WQG93]. Synthesis-Aware [DSWH17, KWW+14]. Symmetry-Preserving [WHH+14]. Symposium [AR06, AN07j, AJL+11, BPB+04, CDD09, Des06, GP06, HJL07, Kei04, Kun04, Van80]. Synch [KK07]. Synchronisation [MB99]. Synchronizing [LG96, LL05]. Synchronized [GA98]. Synopsis [HLH+16b]. Syntactic [PLL11]. Syntax [Kin95]. Synthesis [AYLM13, BBT+06, BW17, BMM+15, COO15, CD08, CLJ+15, DN08, DG98, DLO05, DLTD08, ENMGC19, ELS08, Fah85, GMM15, GPK+12, GM+12, GSH94, GTB+13, GSDC17, HCA+12, HK09b, HKM15, JBS+06, KJL+16, KLMK19, KÖOH13, KLTZ16, KKS+12, KDC17, KRFC09, KS12b, LGH13, LLR88, LSR17, LZ10, LLSC13, McN01, MAA+09, MMS+05, NMMK05, Osh08, PHTB12, PRS89, PP10, PR12, PFC15, PB90, RZS10, RÖ+15, RSK13, SPD07, SLE18, SD10a, SL09, SPK10, SGB13, TGM12, TWJ06, TCGK15, UGB+04, VCD+16, WPG02, WSCP13, WYZB14, WS01, WSBB+13, WXG+13, YD88, YL10, YKH+09, ZPS03, ZHZ15, ZFE16, ZLL13, ZSL+17, AKZM14, BG89, Hor90, Pin92, RPP93]. Synthesize [KS10]. Synthesizing [CTL13, DSC95, DYN04, FLBS07, HLM97, HSK14, ZWXL17].
Synthetic [FW17, HL13, KMB^+17, LDG19, NT95, POO2, ST94, SHS99, SKZ13, SJ13a, TSY^+07, TTW90, WOH13]. System [AHKS94, ADMAS18, AJC11, BRS01, Ben94, BCD^+10, BSK^+17, CD18, CKB^04, CJ90, DI18, FW99, Haa96, HD95, HGG^+84, HC14, IMIM08, JZF^+09, JSH^+13, JLIW10, KMC96, KSCN19, KMJE12, KH96, KT97, LM96b, LG13, LLP^00, LO95, LLD10, LLC^+15, MSWK02, MOT99, KNI16, NLB^+13, NSM19, ON05, OP10, Pil85, RGSK10, Rey86, RSK90, RL84, ST94, Sch88, SC04, SPH11, SNLW01, Ste85, WH04, WDC^+10, WW87a, WKM^+09, WLSG03, WGG99, vvT84, AM92, CFT86, DTKT93, DP93, GJ2O, HR92, Jac85, JW89, LM96a, OYS90, VR95, DSS90, Enc82, Hew84b, WO94].

Systematic [AKSA09]. Systems [Ano91b, Ano98d, AHR84, BWH^+11, BES00, BIWG08, CE19, CTHAM10, Dau90, DMKP07, Duc90a, End84c, Fuc97, HM91, HBO^+10, HE94, HHRZ12, HHH12, Mac85, MJ98, MG87, Mil90, MSK06, OP10, PCS94, PTO10, PMD12, PF90, RP01, SGS05, TO97, TIK17, VOS^+10, WBS^+13, YZWX12, CBSF07, DKY98, FPZ92, HS92, Kje92, PB95, Sam93b, ˇSBM^+10, Str82, Vol93].

Systolic [KP87, Mil84].


Taxonomy [BBDW17, BNN19, BKR^+17, FGM99, SSW14b, STMT12]. Taylor [CH11]. TC97 [Gal84, h83b, Bon85]. TC97/SC21/WG2 [Bon85]. Teaching [BB07, Bro90, Duc86, GC09, MGJ06, McDi01, SASF11]. Tearing [MBCN09, SRH17]. Technical [Can11, DWE02, Drei07, HGG^+84, WKM^+09]. Technique [AGM^+06, GC96, KTW^+13, KQWM08, OM01, SMM13, TCM10, WYY13, van90, SAE09]. Techniques [AM02a, AKV15, ALC18, BGGP11, BL^+09, BBR^+16, BNN19, BNRS13, BN08a, CRY11, CBTB16, DCGG11, GD16, GL94b, GP16, GBKG04, GB04, GUK^+17, HPK^+16, Han97, HSBW13, HSH16, HTSFP09, HHRZ12, HCG08, HW91, JSYR14, KMM^+18, KF12, KGM^+10, LHD^+04, LD07, LHT17, LGM^+18a, MVZ16, MFS08, MJK11, MCT01, NB88, NLED08, NKF^+16, NHG19, PIWB98, Ros82, RD05, SP97, SS08, SS08, SCP^+17, Sha08, SJJ15, VKJ^+17, WK04, XWT^+08, YZWX12, ZT96, ZDM^+14, vdEvW13, CFM93].
DOS93, FFD93, GL94a, HP95, JR08, KWF+01, MSH+92, PS96b, SDD+92. Technische [Enc81]. Technologies [BBC+05, Kas+19]. Technology
[Coo05, Enc98, Kun04, Sco02, WG82]. Tectonic [CBC+16, CPGG19]. Teichmüller [NC16]. Tele [GBS19]. Tele-Colorimeter [GBS19].
Telepresence [Fuc97]. Television [Ste85]. Template [CDM+17, FV14, KWW+14, NJGW15, YK92]. Template-Based
[FV14, YK92]. Temporal [BHRD+15, BDA+17, BBT11, BBBL11, BBL12, CLC12, DER+10, DPD+15,
DBS+11, FLJ+14, FE17, HRD+15, HJM+11, IGMK+16, MO10, MSW10,
MKO+08, OK12, PCBS16, RIF+09, RPMO13, SYM+12, SR19, TPRH11,
WG11, WBT19, WS09b, XQS13, KBO+14, ZLX17, Fre18]. Temporal-Coherent [MO10]. Temporally
[BBH13, BIZ18, CS16, SPCR14, SiK – DM05]. Temporo [BJG+15]. Tendrils
[WC16]. Tension [dD85]. Tensor
[AH11, BÖK11, CZCE08, HVAPB08, JWH19, JKLS10, LS08b, MVB+17,
ORT18, RK09a, SK10, Sch11, SMP13, TSH01, VMA+04, dGLB+14]. Tensors
[FKS+10, GRT19, JKL10, KASH13, SRWS10, SK10, SK16a, ZCH+17]. Term [Sab82, KTW+13].
Terminal [KPK10, MTCT84]. Terminals
[RV87b]. Terms [VCRG14]. Ternary [MRAS17]. Terrain
[Ano07b, ACA18, CLDD09, CGG+03a, CGG+03b, CDS16, COS95, CBC+16,
DSW09, GMM15, GGP+19, GGP+15, GMC+06, MDWK08, PGGM09a, PD04,
TGM12, TRAW12, WMWG09, DKW94a, HGA+10, KH92]. Terrains
[AG06, BN08a, CBC+16, GDGP16, PGGM09a, CS93]. Terrorism
[WMS+08]. tesselated [CBV+14]. Tessellation [MH00]. Tessellation
[AES94, DRS09, HI12, LBG16, LDP14, LIW12, MSWI12, NKF+16, OT11,
SS09]. Tessellation-Independent [MSWI12]. Tessellations [WHWB16]. Test
[AMTMH12, JFS09, NRJS03a, NRJS03b]. Testing [Ano88b, CB09]. Tests
[AAS+16]. Tetra [JFSO06]. Tetra-Trees [JFSO06]. Tetrahedra
[AMSF08, HJ99, MFF10, MD08]. Tetrahedral
[BXH10, BBU10a, CL03a, CL03b, NZH+18, RNV07, WIFD13]. Tetrahedralizations [LD08c]. Tetrahedron [DKY16]. Texas [Rob87].
TexNN [POCM19]. Text [ARLC+13, ARRO+17, AHM09, CFT86, CBK+17,
CY11, CCP09, CGG11, EAGA+16, EASC18, GD85, HRD+15, HC14, IF09,
JFCS17, KVLB14, LKC+12, MHH115, NW13, OKK13, ORS+14, PTT+12,
RPF15, RAMG15, SSDK12, SSS+12, SE02a, SE02b, SSSG16, WPW+11,
ZAM+16, ZOM19, HR92, BP83a]. TextDNA [SSSG16]. Textile
[ACG+15]. Textiles
[LZB17]. Texton [GLM17]. Textual [AEWQ+15]. Texture
[ACOM12, And12, AE97, BTB02, BD04, BL08, CLH+08, CC06, CD08,
CS618, DGF98, DMLG02, DLP05, DLTD08, ESG01, ELS08, GD96, GD10,
GD12, HWA+10, HFM10, HLS12, HSC+05, IK00, IK01b, JKL16, JCW11,
KPRN11, KNL+15, KKS+12, KH02, KDC17, KGR+16, LGG13, LHD+04,
LJNL17, LWS+16, LG95, LWX+09, LDR09, LFA+15, MTCT84, Mar95,
MK09, MP12a, MO08, MJH+17, MMS+05, MCHAM08, NMMK05, NS11,
OVB+15, OBGB11, PDP+15, POCM19, RSK10, SK13, SP07, SD10a,
SKZ13, SRK13, SC10, SL11, SWB98, SS96b, SBLD03, SvLD03, TE99, TC05, TGM12, TWJ06, VB00, WPG02, WSCP13, Wei04, WOBT09, XWT+09, YD88, YLT19, ZFE16, AHTAM14, BG98, BG93, CPE92, GK03a, GK03b, LLD12, MRM+18, NG92, VB14b, Texture-Based [LHD+04, TGM12, Wei04, VB00], Texture-by-Numbers [SL11], Textured [CPE92, GK03a, GK03b, LLSS03b, LWS16, LDR09, LZB17, MGC16, MJH+17, MMS07, BCGS13, CVDL16], Textures [ACOM12, And10, BAAR14, BL08, CYJ02, DDKL09, DWL08, DG95, DG97, DYN04, DLTD08, ED08, EDM+08, ELS08, FBL16, GKHF14, GSDC17, GK03b, HWA+10, IMIM08, JKL16, KLS11b, KLD12, LJT02, LLSS03b, LLN14, LWS16, LDR09, LZB17, MGC+16, MJH+17, NRM+12, NS11, OAIS09, OBGB11, PGG09, SGSP15, SVLD03, WS01, WS09a, WW09b, WOBT09, YLL15, ZFE16, ZSL+17, CVCH14, DSC95, TC05], Textures/Mapping [FBL16, JKL16, LWS+16, MGC16], Texturing [DKB16, GWO+10, GDG12, KGR+16, MGC+16, NK99, PBMG15, POB+07, RLV+09, ZQK04], Their [CDA+14, SHS+17, CTL13, NHWF+16], Them [Ros83], Theme [NPCB17], Theoretic [BRB+13, ZC18, AS92], Theoretical [Bou88, LW94], Theory [ARC05, Bar06, B¨uh01, CBK+17, Day88, FdABS99, GMD10, LF10, MSS+10, PA06, SWPL08, Sei88, WO94, Bar92], Therapy [CWS+17, RWS+10, SRM19], There [DH16, Mac94], Thermal [HSK+10], Theses [Kje89, Kje90, Kje91b, Kje91c, Kje91d, Kje95], Thickness [ZLW+16, ZXZ+17], Thin [CWK07, DWL+09, GLW96, Pai02, SHPS08, SW08b, TDDD18, WW98, WSG05], Thin-Plate [SHPS08], Thingi10K [ZJ18], thinning [LCLJ10], Third [Bla88, Cre88, Des06, Kwi89, Suz89], Thoughtful [Bur95], Thousand [BHW17], ThreadReconstructor [EASKC18], Three [AHKS94, DBG99, HS94, HMK+95, LD06, MC14, Sal96, SS96a, TMT86, YKS+19, ZR96a, ZR96b], Three-Component [YKS+19], Three-Dimensional [LD06, MC14, SS96a, TMT86, ZR96a, AHKS94, ZR96b], Threshold [KRM+15], Thresholding [LR88], throughfall [WJG+16], Throwing [CJW+09], Thumbnail [LSN+14], Thumbnails [KGAC15, SSDK12], Tickmarks [Kje83], Ties [CDA+14], Tight [KKBL15, RLGH15, WTMM15, WNS+10], TightCCD [WTMM15], Tile [AMTMH12, MH17], Tileable [MJH+17], Tiled [MG05, PD04], Tiles [ABC+04, DJSJ19, WPHC16], Tiling [EGKT08, KWS16, LZX+08, Mey94, MTAD08, PCK09, PGGM09b], Tilings [RA88, SD10a], Timberline [Bon85], Time [AVR10, AKMM11, ARH12, ABB+10, AMT+12, BHRD+15, BDA+17, BSW10, BPA16, BHR+19, Ber09, BPKB14, BHW11, BM15, BK05b, BBP08, BL11, BBL12, BN08a, BKW13, CLH+08, CWK07, CMT05, CEG+18, CPK09, DH16, DRS08, FD09, FHHJ18, FL19, FR00, GO10, GMA15, GS09, Got94, GAM17, GRPF16, GBP05, GJW08, GT15, GKT16, HSS+05, HA11, HCBW19, HJM+11, HL01, HRWW12, HGRS+17, HREB11, HR10, HK00,
IGMK+16, ISYM15, JMV+15, JKL13, JZYP18, KCJM16, Kel86, KMHG13, KSCN19, KMB+17, KK14, KBKL10, KWS+15, KER+14, LD04, LDG19, LDDLRB16, LMP13, LKEP14, LKC08, LE13, LCP+12, LDGN15, LL18, LLB+10, LLD10, LMK+15, LRB+15, MD19, MO10, MBES16, Mai00, MW11, MBM13, MBJ+15, MC10b, MLD+18, MPBM+17, NB94, NS09, NG03a, NG03b, NKF16, NS09, OT11, PBK10, PD04. Time [PP89, Pud94, RLN06, RL15, RIF+09, RH06, RHL12, RD05, SW10, SW17, SW08a, SWP11, SYM+12, SB15a, SKZF11, SS14+14, SAA18, SDB97, SW16, SMB+14, SLAM08, SDHD17, SHS+17, SWG08, TST+15, TFA+11, TCRS00, TLC02, TCM10, TSH01, UT02, VVE+10, VW18, WS03a, WS03b, WSCP13, WRS+13, WG11, WRK+16, WDZ17, WRS01, WWT+16, WAH+09, WS09b, WTH+13, WWH+14, XWZB17, YWB03, YSL08, YHGT10, YLRC10, ZFAQ13, ZZT15, ZCP07, ZC18, vDvdEvW19, ATK17, AHT04, AB97, BC+05, BNC96, BNH10, BN12, CRC+15, CH12, CCI13, CMT02, DHR04, DER+10, DRBR09, HNJ+14, HG92, HS04, HKS18, IK01b, IFD12, JSWL14, JPC014, JR08, KB92, Kie06, Kn93, KC08, Lam09a, LCC+17, LO95, LJJ13, MRM+18, MC02, MAG19, MSW04, NKL10, PZB+09, PSDB+10, RZLG08, RTK+14, RSKN08, SSK04a, SKSK07, SL07].

[And10]. Topological
[BSK16, BGK+96, CDA+14, Ede06, HW10, Lai13, LA11, NHL16, PSQ18, RA94, Sch11, TIS+95, TWS+11, WTHS04, WTHS06, WG09, Lam09a].
Topologically [BR96, Gro16, LKSD17]. Topologies
[CL03a, CL03b, KFA+14, SMAB02, MLP92, PCBL16]. Topology
[AH11, BSW+12, BWH+11, BK03a, BK03b, DGP17, FML06, FKS+10, FNS+17, GE04, GST14, GT16b, GG17, GBG+14, HLH+16a, HK09b, HSnCY13, HRS18, HHC+13, JWH19, JWL+13, Kbh96, KWS+15, Lai13, LGH13, LJBe12, LRBe15, MRM+18, MKSS12, OGHT10, PPF+11, RL15, SW10, SSW14a, SV14, SVg+08, SRwS10, Sch11, SN12, Szy11, The02a, TRS03a, TRS03b, TSH01, VMH+13, WLJ+18, WGS10, WIFD13, YSC+18].
Topological-Based [FML06, PPF+11, Ah11, BWH+11, JWL+13, WGS10]. Topology-Change-Aware [JWL+13].
Topology-driven [MRM+18]. Topology-Preserving [SVG+08]. TopoPlan
[Lam09a]. TopTom [GBM+19]. Tori [CG19]. Toric
[SZ18]. Torreline [BCGL18]. Touch [BSY+19, JSH+13, KGP+12, SHW+18, ten82b].
Touch/Tangible [BSY+19]. TouchTone [LCG10]. Tough [Gue82].
Toulouse [PB95]. Town [Joo86]. Toulouse [PB95]. Tour [CY14, KPiAS01]. Tourist [BMWW14]. Tours [AVF04].
Try [BSY+19, JSH+13, KGP+12, SHW+18, ten82b].
Trycking/Appearance [DKY16, VF16, WRK+16]. Track
[Arn08, GVS+15, Zot08, CD18, DCP08]. Tracked [TGS96]. Tracking
[BKR+17, BH15, C5K11b, EGG+15, HBo+10, HYL+15, KAS+19, KRS+13, KER+14, LWL+16a, LW+17, MBM13, MG95, MSG18, OAM+18, OAM+18, PEP12, RSVP02, SY13, SW17, SK17, TST+15, TS16, TSH01, WH17a, ZTG+18, vKH94, MG96, SKSK07]. Tracts [CZC08, SE10]. Trade
[BMP12, HMS01, HGRS+17, VVE+10]. Trade-Off [HHS01, VVE+10].
Trade-Offs [BMP12]. Traffic [BJB+18, BJA+15, CWL+15, PDV+15, SMvdWvW15, SWML10, ZSJT19, GDAU14]. Trail [LHT17]. Trails
[ZSJT19]. Train [WBF17]. Training [HGB+10, KMB+17]. Trajectories
[FKSS13, GHGW14, NSM19, SSS07]. Trajectory [KHW+13, WDV11]. TrajectoryLenses [KTW+13]. Transductive [XML+14]. Transfer
[AP10a, ARG+16, BHS+17, BP19, BG07, CNCO15, CJZW12, GOH+10, LF00, LP15, LCUR14, LKG+16, MGG+10a, NRM+12, NKB14, OVB+15, PLPB07, RvBWR04, SPB+17, SC84, SL09, SCM+09, SS15b, TM13, WHL+04, WZL+12, WZL+17, WHCO08, WS09b, WDK+13, XM09, XSM13, XZC13, XWL+15, YYZ18, ZZLX17, ZXTD10, MHS+14, VSD09].

Transferring [OZS08, PFC15]. Transfers [YW97]. Transfinite [CG16c].

Transflective [BES00]. Transform [GL12, RM89, SLE18, XWY+15, YYG18, ZBA+07]. transforms [YZC18]. Transformation [AEW90, ATF12, BWH+11, BD04, GAWJ15, HL02, LS89, MD19, MFFNP13, NB94, PA06, SO12, TSP05].


Translating [Fuc97]. Translation [AHM09, NW13, HR92]. Translational [ND06]. translator [HR92]. Translucency [MR17]. Translucent [BCRA12, CLH+08, EBSC99, HWL18, LGB+03, WWH+10, YZXW12, XGL+07].

Transmission [MCO97, SG96a]. Transmittance [BR97]. Transparency [DWE02, LK11, MGHJ18, PP05, RGG15, SKGM17, WPH+12, ZAD15, dGCSAD11]. Transparent [BG02, CCC+14, DWL+09, DZC11, ER18, HLL07, ILM+10, LG95, MC14, RLH17a, RLMB+14, WWT+16, Ger92]. Transparent-Object [DZC11]. Transport [DBG99, HKD15, HEV+16, HH10, HR10, JMV+15, JA18, JR16, KD13, KSKAC02, KKK09, LB06, LDdLRB16, LF10, MSW04, Mér11, MGG17, NGHJ18, PP05, RGG15, SKGM+17, WPH+12, ZAD15, dGCSAD11]. Transportation [ZFA+16]. Transputer [AO89, RM89]. Travel [WTLY12]. Travel-Route-Centered [WTLY12].

Traversal [ASK14, GL10a, HH11, HB00, IH11, KBLE19, Kuz94, LZ904, NM14, PGSS07]. Traversing [LSZ08, ZCO97]. TrayGen [YH13]. Treatment [CWWK00, CFS14, RRPP08, vPGL+14].

Tree [AE86, BJF+18, BPF+03a, BF+03b, HDM98, JD98, PD04, PGSS07, SPH11, WYZB14, WGG99, XL10, XM15, YLG+18, ZC95, ZBM+17, CCI13, HH11, Hol94, Rap92, SKS07, BJB+18, PSC10]. Treemaps [RMF12]. Trees [AT10, AMT02, BLS+17, BHGS06, BBP08, CCLN10, DBR09, ERH04, GMW04, HKW09, JFS06, KS13b, LPK13, LDY10, NBN17, Oi05, PG95, QNT03a, QNT03b, SS08, SJ13a, SR19, SHL+14, SKP+14, SG04, VHB16, WLJ+18, WBCG09b, dFSV03, CS92]. Trends [BCBB16, OJMN+19, de97]. Tri [JWL+13, MNP08]. Tri-level [JWL+13].

Tri/Quad/Pent [MNP08]. Triangle [AP07b, BAK09b, CLL+13, DFY14, EHA+19, Gar09, GLLR11, Is01, JBG17, LAD12, MGS07, MKS12, PSF04, PRS15, QYZ17, Ren16, SBCBG11a, SL03, WLT12, XLS+14, ZCBK12, LDB07, VR12]. Triangle-Based [DFY14, ZCBK12]. Triangle-Quad [LAD02]. Triangles

Using [MPS08, MCH13, MG87, MKB95, MbMYR15, MMG18, MSDK12, MDBS14, MJKI11, MBBT00, MJL13, Nie95, NIDN97, OIST91, OJ15, Par86, PD04, PZB09, PGK10, PNVS17, POCM19, RW08, RLH97, RHL16, RSC01, RL09, RM89, RLFO9, SM11, SLE17, SML15, ST09, SKR14, SPS95, SF83, SKC01, SMO4, SJF11, SE02a, SSJ10, SKMS18, TLF16, UW19, VLV04, VPP04, WP02, WDC08, WTL15, WLT17, WWH18, WHS18, WG09, WHL10, WLZ13, WDGT01, WLI12, WZI5, WN09, XL10, XXM13, XXZC13, XSO6, XW18, XXY18, YWB03, YB18, YL10, ZWC10, ZCZL13, ZHL17, ZHZ18, ZVE14, dFVS03, AMAM13, AMT12, BS12, BCN11a, BCF05]. using [BBB18, BGK96, BW13, BLD14b, BE00, BCGL18, BMM15, BK05b, BHMT13, BNC96, BG90, BNI09, CJW06, CNO4, CML12, CC09, CNO9, CNO9, CLGS18, DAP08, Day90, Den03a, Den03b, DYN04, DKS01, DF93, DZT08, DRS08, EAGA16, EV01, FR11, FSTR13, GH01, GFW06, HE01, HB00, HF16, Hei95, HD14b, HMB17, HHK4, HGA10, HGHJ15, HH08, HWAG09, HJS17, HSK14, IFDN12, JBG17, JHGI, JF06, JON96, KN07, KPAS01, KPS10, KS14, KE97, KHI10, KS10, KHI01, KB98, KGL98, KH19, KKB18, KB014, LD08c, LKB14, LPSV14, LK17, LV18, LW16a, LMG18, LG16, LLHY09, LW17, LBBC14, LCD09b, LLC19, MA00, MFT02, MT09, MSW10, MP12a, MSAP15, MSGD15, MG16, MMV13, Moh87, MRS08, MH00, NG92, NCKG00, NNR15, NN93, NN94, NP00, NW01, OO05]. using [CA01, GO03, GOT03, KRL16a, KRL16a, KRL16a, KRL16a]. Valence-Arousal [KRL16a]. Utility [DCK13].

Validation [BG85, CMF18, KQR +19, PBK10, SAMG14, SW04a, SNA17].
Vandoni [Due00]. Vanishing [KPIAS01]. Variability [FKRW16, PBW11, RJT18, SSSW13]. Variable [AVR10, EBV05, KGR +16, OBGB11, SSDK12, VG00, WT11]. Variance [LPG13, SHSK16, SMJ17, YDF +10, YB18]. Variants [HV10]. Variate [CDS16, FCH +06, FH09, HFW +17, KKS +12, KZZM12, PSPM12, STMT12]. Variates [SKMS18]. Variation [ADS06, EBC17, HCTH96, HO17, NC99, SFS05]. Variational [AJC11, Ara94, BF15, Gre94, HW16, HHB93, JTSZ10, Kob05, LSJK09, LCWK07, NC10, PR19, SSW14b, WYZB14, YBS07, ZZH15, KHR02, NW17]. Variations [CDM +17, JTRS12, LBH12b, ZLMM16, ZCOM13, LT17]. Various [KS12b, MJK17]. Varying [BRM +16a, DKG15, DBS +18, FL19, LLSS03a, LLSS03b, LVV18, PR12, SWG08, WR5 +13, WAH +09, XGDC17, YMMS06, YLRC10, ZC18, JR08, MAG19, RK09b, TCM10]. Vascular [BGCP11, KBT +12]. Vase [BCRA12, TOZ +11]. VAST [MRS06]. VAST2003 [CA05]. VBTC [KGR +16]. VCBM [WBP11]. VDub [GVS +15]. Vector [ABCCO13, BCBSG10, BPKB14, BS02, BSEH17, BN08a, CYY +11, COC15, DHP +19, DZC11, EWHS08, FKS +10, GRT18, GKKT13, GT16b, GG17, HKD15, HFL12, HG18, HLH +16a, HE94, HWK15, HRS18, xHMC09, IEGC08, JA18, JCW11, Jes16, KG19, LTKD15, LJJH19, LKG +16, OGHT10, OT12, PA06, PPH12, PDV +15, SW10, SFL +16, SS96b, SBCBG11b, SSB05, Szy11, SBL12, The02a, TRS03a, TRS03b, TBP18, WR5 +13, WLZT18, WTHS04, WTHS06, YM09, ZSP98, vP94, AM92, CFGL16, Lie17]. Vector-Based [LTKD15, BN08a, FLW00]. Vector-Valued [PDV +15]. Vectorial [PJSH15]. Vectorising [RLMB +14]. Vectorization [KWOG18, vKB94]. Vectors [Dan96, FKS +10, GRT18, HS19, JKLS10, MSH +10, POS +11a, PA06, SRWS10, SK10, SP01, Th01, XM15]. Vega [SSB13]. Vehicle [Am08, CWL +15]. Velocity [RCB +17a]. Velocity-Based [RCB +17a]. Ventricular [SSM12]. Verification [Ano98d, CWS +17, M98, UW06, WFZ +15, PB95]. Verifying [AA09]. Versatile [ATO17, Dwy09, EBMT00, SSN18, MH00]. Versatility [SHD15]. Version [ten82b]. Vertebral [ZVE +14]. Vertex [BG02, KBS11b, KB500, MTAM12, NB15, WHD17]. Vertically [SM10]. Vertices [ADS06, LS08b, PPT +19, MM18]. Verve [Kni93]. Verve-voxel [Kni93]. Very [IP99, WH04]. Vessel [MMV +13, WVV11, WV09]. Vessels [LGP14]. VFX [ATO17]. VI [Ano06c]. Via [CDM +17, Deb18, DFY14, LGW18, VCP09, AW00, BPY16, BS12b, BBIG17, BSH15, CK14, CCC +14, CYI +12, CK11b, COC15, CRA +17, DH16, GHX +17, GSGC08, GS21, HHS05, HFL12, HZF10, HG13, HKM15, IEKM16, JJKL18, JKJL18, hKTL +17, Kob05, KB89, LKC +12, LZ07, LSW09, MCHW18, Man16, MJBC13, MC17, McC96, MAM14, NO17, NMR +18, OMPG13, PWS12, PW17,
RGM85, RBC14, RK09a, Sad09, SXY+11, SAD+16, TLRB18, WLL+17, WCB15, WS09b, XXL14, YXHH18, YHL+16, YWY10, YWHB18, ZCW+19. VIAN [HBRFP19]. VIBE [BSG+95]. Vibrations [KRFC09]. Video [ASL+19, AWCO10, BAAR14, BKY+16, BB00a, BZBM+16, BCS96, BJ18, BHW11, BCK+12, BBPV03a, BTPV03b, BTS+17b, BCD+12, BMS+12, CRC+15, CCM16, CLHL08, CPZ+15, CCC08, DZD+16, DTV15, DRA10, DMHS08, DPD+17, DJZ+09, EWMU13, GVS+15, GO10, GO15, GHK+10, GCW15, GHF14, GTK+12, GPR+15, HCBW19, HVM+08, HKMS08, HGB+10, HZF10, HZZ11, IY10, IS15, JCK16, JWL+13, KR19, KS10, KrJC+11, KGAC15, KGRG17, KYC16, KH13, KMN+08, KKD09, KK11b, L00, LCC+17, LAA08, LHW10, LP15, LJZX15, LLL+14, LLZ16, LLB+10, LLX+11, LDR09, MD19, MBDC15, OAIS09, OAO11, PCDS12, PWS12, PG08, PSHZ+15, PNVS17, RKG18, RGW05, RSD+12, RWSG13, Sal96, SSK+05, SEASM09, SGMG17, SLWSS15, SDK+15, SPK10, SLTM08, SHS+17, TX16, TSP05, TTD11, TMH11, WDC+08, WZH13, WWG07, WS09a, WMTG05, WBM+18, WLSG03, XL10, XHW+18, YXHH18]. Video [ZHM08, ZTW+12, ZHH15, ZLSW17, ZZLX17, CVCH14, EMU17, SBB14, SPCR14]. Video-Based [ASL+19, BB00a, BCD+12, GHK+10, LL00]. Videos [CCM16, GTK+12, GPM+18, LJH10, LTK12, RSD+12, WPY+19, ZLSW17, ZCT18]. Vienna [CG07a, Des06, HB91, Pur07]. View [Ano96p, BBP10, CKB04, ED07a, ESV99, ESC00, ESK03a, ESK03b, FH+17, GPK+12, Gre85, HREB11, How87, hKTL+17, KMB+17, KBE19, KHK13, LYP+08, MTR08, MN87, Mor86, NPDD11, PRN89, REH+11, SE19, SBD15a, SLAM08, WBCGH11, WLI+12, XSS+15, ZHH15, tHS90, DGR+14, GSC18, LSR17, LJI+18, SMI10, ZK92]. View-Adaptive [REH+11]. View-Dependent [CKB04, ED07a, ESV99, ESC00, GPK+12, KBE19, MTR08, NPDD11, SBD15a]. Viewfinder [AGP08]. Viewing [ALA+18, AS95, AWCO10, DMKP07, Kra89, SS00, SJH08, SSG+00, TGS96, YK92]. Viewpoint [FM04, HVH+16, HK09c, LLB+10, TWC+16, WLSG03]. Viewpoint-Dependent [FM04]. Views [ABC+91, BRM+16a, CCA+14, DGF98, EHT18, EAGA+16, HLM97, HSH16, NK99, RSM+16, RAMB+19, S16, SNLH09, VBP+09]. Viewspace [COFHZ98]. VIMTEX [DKG15]. VIPS [CZL13]. Viral [SCD+16]. Virtual [AI98, AVF04, AJL+11, AWCO10, BB09, Bar05, BSG+95, BGAM04, Bro95, Bry96, CWKS00, CNO05, CBS07, CKE+12, CMT02, DJW+06, DDH+18, EBC09, FBT99, FVHK17, Fuc04, GPMG10, GH01, GHB+17, Haa96, HMOD05, HK00, HJL07, JL08, KL14, KH95, KKK18, KAS+19, KW05, KRF09, Kum04, LD04, Lam09a, LM01, LD06, LGMTO0, LLP00, LLB+10, LW99, MCO97, MC02, MGG+10a, MT01, MKMA19, MG95, MSWK02, MCG+19, MCB16, MF00, MKO+00, MOT99, MJL+13, NNDJ12, PLT+97, PP10, PO02, PIWB98, RKRD12, RB03a, RB03b, RPA+15, SS00, SLE17, SOC19, SS06a, SG96a, SSA+08, SRK13, STKD12, SWML10, SGGF11, STBB14, SDM99, SD00, SPV+10, SDB99, SNLW01, SG96b, SGC04, TYK+09, TMO04, Tok15b, TLG99, VVE+10, VGS04, WBPW98, WC16,
Visualiser [How90]. Visualising [GKPL11, KH96, ST18, BRM+16a].
Visualisation [ARLC+13, AMO2a, ARH12, AHR13, AKV15, AHM09, AMA+16, AKF+14, AGDJ09, APM+11, And10, ABCN10, Ano97s, Ano97d, Ano97f, Ano97-29, Ano98j, AH11, BHGD+15, Baj03a, Baj03b, BMH+12, BAT11, BLY+11, BY08, BAA+16, BBWD17, BBB+18, BBR+16, BBK+18, BWH+11, BMD+08, BHP15, BPKB14, BGB+08a, BBBBB12, BRB+13, BW01, BDG+04, BAU05, BBN02, BCN11b, BG07, BG09, BM10, BD08, BBP09, BJG+15, BTM+19, CRY11, CNCO15, CBC+15, CSFP12, CLE07, CZCE08, CYY+11, CIY+12, CJP+19, CY11, CWM19, CPP08, CMS94, CGG+03a, CGG+03b, CDG+07, CY14, CCP09, CCH+14, CKS+15, CBKK+19, CG07b, CH09, CMH+01, CR16b, CKSW08, CPK09, DCK13, DKF15, DAF+18, DMKP07, DMV12, DKMT18, DP17, DHS+13, DWT+11, DvKSO12, DFSB+11, Ducc07].
Visualization [DGC+98, Dwy09, ELM+12, EGG+15, ENSD12, ELPH19, Ert02, EPAS11, FKE13, FQK08, FR11, FFN18, FL19, FK09, FE17, FMH16, FH09, FM15, GMW04, GW+08, GOPT11, GRE11, GL94b, GKL19, GSCG08, GSE+14a, GM11, GKKL11, GBD09, GRDE10, GSE+14b, GRT14, GT15, GT16, GT16a, GT16b, Haa96, HPK+16, HJM+11, HW10, HS94, HLH+16a, HBW11, HV1+16, HMP+12, HVVR18, HSW14, HYL+15, HK15, HGB+10, HSH16, HRS18, HPV+16, HV08, HV09, HC14, HTSFP09, HLJ+13, HKL17, HGH+11, IP99, IEGC08, IF09, JBB08, JBL+06, JBTS09, JL00, JPN15, KARC15, KSW+12, KOB+08, KKS+12, KARC17, KCL+18, KKT17, KGP+12, KMJE12, KvLB14, KS18, KKF+17, KASH13, KMM+18, KVD+10, KBT+12, KFR+11, KKL+16b, KPK18, KWH13, KW18, LCSS19, LDB11, LH11].
Visualization [LBK14, LHD+04, Lar10, LGP14, LKEP14, LSBP18, LVPI18, Le 90, LPSV14, LMS+16, LCC+17, LCP+12, LKZ+15, LT16, LTH08, LCB+18, LMG+18a, LS16, LFK+13, LFS+15, LPB10, LBH12a, LL+12, LCD10, LWT+15, LSB+17, LFC14, LT18, LS98, ME13, MK11, MSM+08, MRL+17, ML+10, ML17, MG10, MC10a, MKP+16, MV+17, MC14, MMV+13, MSK14, MRL10, MJCO1, ME04, MMHL08, MDWK08, MP10, MKO+08, MHDG11, MKRE16, NW13, NN11, NGB+09, NJB+11, NLB+13, NSGP06, NSM19, NS01, NHG19, OHBKH09, OJS+11, OJS+14, OAJ14, ODS18, OLFI+14, OGT10, OBCGG13, POS+11a, PSSC18, PSCN10, PJP+14, PEP+11a, PVHR09, PVS+18, PKPH09, PH+18, PRW11, PW12, PDC+19, PD04, PTA+11, PPF+11, PEP+11b, PEM12, PH09, Pos11b, PH011, PH13, PBC+16, PV08, PKE15, PKE17, RvdHD+15, RHS+12, RL19, RKR12, RRS12, RLH17a].
Visualization [RSK06, RRRP08, RWS+10, RPLH11, RMH+18, RG19, RHM+12, RRS97b, RPMO13, RSSL17, RMF12, RSS96, SMH10, SP97, SM11, SE19, SAMG14, SCD+16, SGS18, SH14b, SVG+08, SKR+14, SMwdWv15, SW09, SGM+11, SSA+08, Sch11, SSSS13, SGRT12, SEG+14, STKD12, SHCB15, SP11, SDB97, SASF11, SAA09, SJH08, STBG12, SVL16, SJL15, SGG15,
SBM+14, SLSG16, SRG+19, SPT14, SKKS08, SBS+17, SMP13, SMB+17, Szy11, SBL12, TFA+11, TLM16, TSYK01, TWC+16, TLFC16, TA08, TE10, TK98, TCM10, TGK+17, TSH01, TPRH11, ŨFE10, VW08, VR12, VM12, VW90, VMH+13, VM09, WH17a, WZC+11, WZL+12, WK12b, WFZ+15, WT17, WG11, WKS+14, Wat96, WTHS04, WTHS06, WGS10, WHT12, Wei04, WVKR08, WVV08, WVVO9, WHP+11, WPH+12, WAH+09, WKM+09, WAF+11, WPW+11, WTLY12, WCH+15, WBFl17, XYL09].

Visualization [YCLE09, YMM10, YBK+12, YLRC10, YWTY12, ZLM+15, ZM16, ZCH+17, ZLSW17, ZWRH14, ZRLS19, ZOM19, ZK08, ZAD15, dHvPJV14, vDHO16, vGPNB17, vPJHRV12, vPGL+14, vP94, vdCLvW14, vzZLBI11, AM92, BG93, Col93, CKS+16, FS92, GY93, GL94a, Gob96, GMDW09, HPT89, Kni93, NKP93, PW93, Rob93, RRS97a, TWMSK18, Vol93, Ano98b, Ano98c, AM92, BG93, CH93, CKS+16, FS92, GY93, GL94a, Gob96, GMDW09, HPT89, Kni93, NKP93, PW93, Rob93, RRS97a, TWMSK18, Vol93, Ano98b, Ano98c.

Visualization-Based [YCLE09, YMM10, YBK+12, YLRC10, YWTY12, ZLM+15, ZM16, ZCH+17, ZLSW17, ZWRH14, ZRLS19, ZOM19, ZK08, ZAD15, dHvPJV14, vDHO16, vGPNB17, vPJHRV12, vPGL+14, vP94, vdCLvW14, vzZLBI11, AM92, BG93, Col93, CKS+16, FS92, GY93, GL94a, Gob96, GMDW09, HPT89, Kni93, NKP93, PW93, Rob93, RRS97a, TWMSK18, Vol93, Ano98b, Ano98c, AM92, BG93, CH93, CKS+16, FS92, GY93, GL94a, Gob96, GMDW09, HPT89, Kni93, NKP93, PW93, Rob93, RRS97a, TWMSK18, Vol93, Ano98b, Ano98c.

Visualization-Guided [FMH16].

Visualization/NPR [CS16, HLH+16b, KM16, TLM16].

Visualizations [BDA+17, BEF17, BJG+15, CDA+14, GT15, KJC+09, KLK17, MP10, MHDG11, OJS+11, OJ15, PH17, SLB+18, SS16, SSKB15, SSK16, SH14a, TLW+19, WVV11].

Visualize [KGM+10].

Visualizing [BD08, BKW13, BH17, CJP+19, CKE+12, CCP09, DF16, FR11, FSTR13, GKL17, GBD09, GOB+10, GSM08, HJS+17, HNR+04, KLS+17, LBK14, LMK+15, LKD+17, LMSF19, LFC14, MW18a, MSFM16, NGN+01, NMSL19, OBI+11, PRW11, PRKJ10, RW18, RTJ+11, RGG18, SAMG14, SCD+16, SAAF18, SMM13, STP17, SSSG16, TLC02, TA08, VBAW15, VB17, WRS+13, WVKR08, YVS+14, ZFAQ13, ZFA+16, ZSJT19, ZLMM16].

Visually [CJP+19, DW13, GLCC17, KFR18, SHS+17].

Visualnostics [LKZ+15].

Visyllable [KMT+13].

Vivo [DHS+13].

VLSI [ELM+83, Mil84, NB94].

Voids [BJG+15].

Volume [ARC05, AGG+08, AKF+14, AAS+16, AGJD08, A004h, A005f, A006f, A006g, BAT11, BHP15, BHH13, BM15, BHGS06, BRB+13, BW01, BG07, BG09, BM10, BBP09, BES15, CCS95, CNCO15, CT00, CLE07, CCLN10, CK13, Coc83, COF95, CMH+01, CR16b, DHK08, DMNV12, DKC00, DC10, ENSD12, ER18, EPAS11, FBG09, FK09, FE17, Fre18, FM16, Fri94, GGM12, GH15, GSM08, HB96, HS04, HMK+95, HWC+05, HMB08, IP99, IY10, IYS+13, JBB+08, JZ088b, JSYR14, JKK+18, KZ08, KPN10, KMS+13, KMAB15, KVS+14, KWN+14, KMY10, LAM09b, LAA06, LLHY09, LBH12a, LG95, LKO09, LCD09b, LCD10, LWBP14, LA15, LCDW16, LKG+16, LCW07, MW06, MFS08, MMFE08, MBW08, MFF10, MB18, MC10a, MRL10, ME04, NCKG00, NS01, NL18, ND12, OHKB09, PRW11, PWHL11, PBP96, RIR+12, RGG80, RRS12].

Volume [RSK06, RSTK08, RRPP08, RPL11, RGG+14, RH08, RMD0+08, SHB07, SPH+09, SGM+11, SPB10, SBS+17, SCM+09, SS15b, SGG15, SJF11, SMP13, TSM94, TOZ+11, TWC+16, TCM10, VCRG14, VPLL08, VGB+14b, VKJ+17, VHB16, WGS04, WW99, WZL+12, WK12b, WTL15, WCB15,
WGS10, WE97, WRS01, WS09b, XSE14, YCLE09, YM06, ZM16, ZC18, hZCK98, ZR13, ZCG08, BLS93, CS99a, JZW14, Jon96, LN17, LN18, WZC+11, YK92, GBKG04, FMK04]. **Volume-Aware** [TOZ+11].

**Volume-of-Fluid** [CK13]. **Volume-Surface** [BHGS06]. **Volumes** [AMS16, BK03c, BK03d, BS03a, BS03b, BBA08, BBP09, CK10a, CIE+16, CCI08, CLS16, DS11b, ESRT13, GMAG15, HRRR18, IYS+13, JRJ11, KMS+13, NRP11, PPL13, PN97, RW08, SKZ11, SHZD17, TWC+16, VMTS10, WOH13, WW11, WC02, WTYH18, XYM13, ZH14, MAG19].

**Volumetric** [ACAA+19, Baj03a, Baj03b, BNC96, DS02a, DN09, FAVM09, FBL16, GD10, GSZ11, GBKG04, GSW12, HDS03b, HDS03a, JRJ11, JZJ08b, JJKL18, JSYR14, KKK18, KW05, LC99, LZQ13, ME04, MRAS17, NGHJ18, PK08, RSTK08, SJP+13, SVLL10, SKZ11, XSE14, YCL+17].

**Voronoi** [BPY16, DZM08, ERA+16, EDPB15, HHA17, LLW12, Man16, NB12, OPC96, PPT+19, QYZ17, QCW+18, RL09, SNA17, VC04, WHWB16, XLS+14, YLL+09, NL13, PPL13].

**Vortex** [GT18, HGH+11, MKP+16, OT12, PKPH09, RSVP02, SVG+08, YKH+09, ZDM+14]. **Vortical** [ZYF10].

**Vorticity** [HL13].

**Voting** [ATCO+10, SAD+16, TWC+16]. **VOTS** [GBKG04].

**Voxel** [Afr12, BLD14a, BK03a, BK03b, BGAM04, BL86, Buc98, CNS+11, DKB+16, LˇZY04, LSˇZ08, RT08b, RT08a, SC95, WGS04, ˇZCO97, GGM12, Kni93]. **Voxel-Shapes** [RT08a]. **Voxel-Traversing** [ˇZCO97]. **voxelisation** [Jon96].

**Voxelization** [Lai13, LMMCO17]. **Voxels** [CCC17].

**VPLs** [SHD15, TH17].

**VR** [BSG+95, BG07, CLE07, CG07b, DMKP07, EFGS96, GPM+18, LCC+17, LO95, SDB99]. **VR-VIBE** [BSG+95]. **VRML** [cLCtLL98].

**Vulnerability** [CKS+15, KBHM15].

**Wake** [PHTB12]. **Walk** [BPVR11, FMS01, Sbe97, SKCA01]. **Walk-Through** [FMS01]. **Walkability** [MKMA19]. **Walking** [CK11a, VSC01, XLL+10]. **Walks** [SR14]. ** walkthrough** [AVF04].

**Walkthroughs** [GS09, GSA03a, GSA03b, PSC10, SSS00, TL01, WB98, WS99]. **Wall** [DJSJ19, GHB+17, KKTD17, MPP16, NLB+13]. **Wang** [DJSJ19]. **Ward** [GMD10].

**Warping** [AGP08, AR95, BPBD08, BMS+12, CSD11, CG16b, FLW00, KWSH+13, LSR17, NREM14, RRS12, SC10, SL08, WGG99]. **was** [AKMM11]. **Washington** [CP88]. **Watch** [RKGS18]. **Water** [BSW10, IDN03a, IDN03b, KL19, PHTB12, RSKN08]. **Watercolor** [PPW18]. **Waterfall** [EPCV15]. **Watermarking** [hKLS00, OMT02, Y110].

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Zhao:2019:OOI

Zhang:2013:IPS


Zhao:2016:RDA


Zhang:2014:BTP


Zhang:2015:SMG


Zeng:2016:VWC


Zeng:2013:STV

Zheng:2011:SMM


Zhang:2016:TMR


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Zhu:2016:IPN


Zhang:2012:IEP


Zhou:2014:BIG


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Zhou:2013:ASI


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Zhang:2015:SVQ


Zhang:2016:SCP


Zhang:2017:VVP


Zhu:2015:EBM


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Zotti:2008:SPE


Zhang:2003:EMA


Zhang:2004:FHA


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Zhu:2010:SCP

Zhang:2013:GSS


Zhou:2008:PCV


Zheng:2017:NDD


Zheng:2019:LIS


Zhang:2015:IVE

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Zhu:2017:DEM


Zhang:2017:VVV


Zhang:2015:BMR


Zhang:2016:FAB