Title word cross-reference

#FluxFlow [ZCW+14].

(X,Y) [BBD+11]. + [CMP09, FWG09, QWC+09, WC11, ZZZ+12]. 1 [SZB+09]. 2
[AL06, AJDL08, AHKMF11, ARH+15, BBI09, BSH15, CKW+12, DNP07, DHM13b, DMC15, GRT17, GJR+14, JDL09, LKJ+05, LWS+17, LRN96, LJL04, LLCD11, LCS+12, LFR03, MSA17, PQMCR17, PGT+08, PMW13, QCT13, RKG+11, RF11, SZB+09, SHM+07, SMN12, SWCR15, SS13b, TWHS05, TKAM06, TIK15, WWYS04, WLL+05, WTL+09, Won16, YEH12, ZZW+13, ZWR14, vWN04]. 2.5
[APV+15, YSL+13, YJL+15]. 3

[ARH+15, AHR+11, BS8+18, BGCS17, BF01, BIA17, BTB10, BTHD11, BC12, CWZ+14, CWL12, ChLYL09, CC08, CZN+11, CMK15, CCM11, DDW14, DHL09, DMR04, DBW11, DRHK07, ERL+13, ET08, FW08, FCL09, GCL+15, GW13, GRT17, GIS03, GJR+14, GPP+16, HDBC15, HE06, HLL97, HLRC+12, HM10, HLYL18, IFP07, IFM14, JSP03, JK16, JNC+15, JDL09, JBS06, JCWD14, KSG+16, KZL07, KCA16, KLG+16, KYT+18, KKKW05, LYY+16a, LS07a, LH03, LDH09, LKL+15, LDN11, LJZ12, LL05, LY06, LB17, LGS12, LOD16, LSM03, MS08, MWS14, MWH99, MCM10, MAST16, MCG12, MH10, MY14, MJK06, MDS16, MES+11, MWC+12, NWHWD16, NB95, NQX+05, OA01, dJOBNM17, OHH06, PBO+14, PK08, PLW11, PLW12, WCN18].
PJ03, PZ07, PH07, PUN11, PGI+17, QY07, QWC+09, RSBB17, RHZN11, RT12, SK16a, SW12, SWB+00, SBV+11, Sel15. 3
[SKYS14, SPP+14, SPB96, SW07, SRW+16, SKW+11, SBW17, SW17, TKTN09, TCL+13, TNL17, TMWS13, TC09b, TZZ+12, TKAM06, TLC+10, VCP08, VAB12, VW12, Vsa16, WH09, WWC+14, WM18, WTL+09, WB08, WSE07, WXY17, WCB+12, WLDW11, YOS13, YPR17, YLSL11, YL95, YSI+10, YE112, YEI16, ZTP05, ZTZ17, ZPP05, ZCFL15, vLBB16, zBBKN14]. 4
[BB09, BPM+13, CTG13, CFHA09, HDJ05, INCB18, HDJ05, INCB18, KGP+13, LHC16, ZH07, ZWR14, vPBB+10, vPBB+11]. 6 [GL17]. 8
[BJK+16, SB17].
[RPAC17]. 2

3D [PKMR15]. 3DCT [AHRG10].

6 [BDF16]. 6-DoF [BDF16].

7DOF [CLW18].

AABBs [ZK07]. Abdominal [SG09, Sel15]. Abilities [FTE13]. Ability [DRP14, OPF+16]. Ablation [RKSH11].


Accurate [AT05, AGDJ10, BES12, BN12, DWB+06, FH16, GKT+08, GBP12, HSSK16, HR11, LDW+15, MCP+06, MNK07, NLK12, RNL09, SSIF09, SCYW16, Vis15, WHM14, WKL16]. Achievement [At10d, Ao11d, An13d, An13f, An14e, An14g, An14f, An16c, An16e, Bil13, Ebe17, Hee18, Sch13]. Achieving [PMvWC05]. ACM
[BvdP12, BDC17, CLS07, GW13, HK10, KS14a, KPG12, KL14b, LS06, MY14, Ota17, SK16a, SK15, SW17, TL11, WLW17].

ACM/Eurographics [Ota17].

Acoustic [ACTM12, FM04, MAST16, MDHB +07, SLM18].

Acoustics [DBM +06].

Acquired [BSS +13, BAW16].

Acquiring [SSI99, YL16].

Acquisition [LZD13, MWC +12, OWS15].

Across [GDST16, GGL +14a, HTC09, KHSS14, RGFLL14, BLS17, KMDH11, YQK +17].

Action [BBS +08, JNC +15, MI13, WCR +11].

Action-Based [BBS +08].

Activation [AS11].

Active [BHZ +18, CVC10, GCL +15, RRHJ18, WHP +18].

Actively [SFMB12].

ActiVis [KAKC18].

ActiviTree [VJC09].

Activity [AAM +12, ERLW18, Mar18, MMAM14, OSBM14, RFFT17, STS +14, WS09].

Activity-Centered [Mar18].

Acuity [PK13].

Acuity-Driven [PK13].

AD [CLT +08].

AD-Frustum [CLT +08].

ADAPT [KMSB14].

Adaptation [Bac07, HDJ05].

Adaptive [BT13, CCLQ12, CZZ17a, CLT +08, DK11a, Dic14, DBW +06, EDF11, FM12a, GSA +09, GABJ08, GSDJ04, GB08b, Jen12, KSH03, KL07, KLI4a, KNO15, KDBB17, LPKK12, LPLT11, LPQF14, MDS +18, NW10, NOB16, OR98, OR99, PPP11, PMvWC05, RNL09, RLLNN11, STH13, SRM09, TSLR07, WL16, WSC +95, WPB +11, XESV97, XA09, YL08, ZG12, ZH13, ZPS04, Zhit05].

Adaptively [ATT12, WWC +14].

AdaptiviTree [TSLR07].

Adding [SRCP02, SRCP03].

Additive [WAVS18].

Address [Cox11, Heg10, SDW09, Sza10, Tha11].

Addressable [LHC10].

Adjacency [DWvW12, HBB14, Ho06].

Adjoints [Chr03].

Adjustment [CLW18, DL12, HWHK16, LWZQ17].

Admissible [HQ13].

ADMM [OBLN17].

Adolescents [BZS +13].

Adoption [BISM14].

ADR [KST +14].

Advanced [KKPS08, LS13a, LMG06, NWF +05].

Advancement [KMT14].

Advances [LMW +17, PKS +08].

Advection [GZL +14, Har16, HZ13, JEH02, WSE07, YNBH11, ZHGH11].

Advection-Based [GZL +14].

Advections [KLLR07].

Adversarial [SKY12].

Adverse [BSR +14].

Aerial [VABW09, ZHLR14, ZBMY14].

Aesthetic [AS15].

Aesthetics [BW08c, PPP12].

Affect [RKC +16, VSS08, ZGC +17].

Affective [SPW07, VBC +16].

Affine [JCC +11, LQLX14].

Affordance [CC12].

Affordance-Based [CC12].

Affordances [BEDF16, GPK14].

Age [NC07].

Agency [KPV +18, RK +16].

Agent [KMSB14].

Agents [DV95, GSA +09, PUNI11, WKW06].

Aggregate [CMFL16, TMD015].

Aggregation [AA11, BWK +13, EF10, JER16, WPS +09, Wil18].

Aggregations [CvW18, YEB16, vdEvW14].

AggreSet [YEB16].

Aging [GdBG12].

Aid [KA12, SSMG13].

Aided [FYZ +17, HK06, Yan18].

Aiden [ANO13u].

Air [AAFG18, EGG +12, KZL07, QCX +07].

Aircraft [Chi16, HTC09].

Airflow [ZMH +09].

Algebraic [AG16a, KS14b].

Algorithm [AGY +17, An96b, BMR +99, BS01, BW00, BLW14, ChLYL09, CL09, DBD13, DF +14, GH00, Got02, HK99, IHR01, IYK01, IYK04, KNP04, KS00a, KS00b, KS01, KDBB17, LKHW04, LMG06, LDX10, LYY +16b, LSJ96, LB03, MS08, MM11, MPG +14, SK98, SPB96, Si95, SM97, TLH10, WTL +09, XA09, YYSZ06, YNM15, YPR17, YXSH13, Zha14].

Algorithms [AZM12, BLS04, CSM07, FHS +12, HBT14, KWP01, LLG17, PML97, PPP12, TD95, TWSM +11, WHR02, vLBB16].

Alias [SK99].

Alias-Free [SK99].

Aliasing [CMFL16, MT05].

Aligned [CS08, CSC06].

Alignment [ADG11, FA15, JKM06].
Alignments [WWFT03]. All-Frequency [HXF+15, LHLW10, SHR+11, WPC+13, XJF+08]. AllBoard [DSC+16].

Allocation [HLG+14, MMT+14]. Almost Along [PTC10], Along [WM18], Alphabetically [WBDS11]. Altering [SMP17]. Alternate [CG14].

Alternative [PDW+14, SAB+16, HSKH07]. Ambient [ASW13, AD16, HYL10, PMP10, RB11, SMG+13, SVGR16, TCM06]. Ambiguity [LLCM12, WSA+16]. Ambiguity-Free [LLCM12]. AmbiguityVis [WSA+16].

Ambiguous [KCC+17]. Ameliorating [RMW09]. Among [KGS98, AL06].

Amongst [CC07]. Amplified [RSBB17]. AMR [Ano09b, ME11b, SP07]. AnaFe [GDKB17]. Analogy [RM15, SVK+07].

Analyses [GLK+13, JA18, KTB+18]. Analysis [AHSS14, wAPS14, AHK+17, AAMH13, AHRG10, AAH+13, AAFG18, AS15, BSS+13, BMJK09, BRT12, BBD+11, BE18, BKW16, BKL+11, BLM96, BMWM06, BAAK+13, BPB14, BCB10, BAF+13, Bon98, BPM+13, BIS14, BNTM16, BWT+11, BDW+08, CGSQ11, CSL+16, CLG16, CM10, CZZ17b, CWQ+07, CDL+16, CRT04, CDK+17, DLW+17, DSG+17, DFD+14, DWT+15, DCK+12, DSB16, DCH+17, DB07, Eic00, EJR+14, FPB17, FCZ15, FMHO8, FHG+09, FZCQ17, GFG+14, GKL+13, GMS+07, GMD13, GSL+17, GJC+17, GGA+11, GLG+13, GRVE07, GXY12, GZX+18, GW12K, HSCW13, HBG11, HMAO8, HTP+08, HV00, HMZ+14, HPvU+18, HLG+14, HZ13, HOGJ13, JFSK16, JBMS09, JCQ08, KPHH12, aKGS11, KMDHI1, KHR13, KJW+18, KCS+16, KOJL+14, KLG+16, KBGE11, KJW+14, KMG+06, KBHO9, KGG+12, KCPS08, Lac96, LSSB12, LBS13, LTM18, LS13b, LSPS10, LGYG12, LPLT11, LLC15, LB+06, Lin16b, LSS09, LH14].

Analysis [LS16, LSL+17, MHS07, MEV+14, MS04, MKN+07, MGKH09, MGJ+10, MBL+06, MMDP10, MBH+12, MDHB+07, MGM09, MZC+16, NMGK17, NDR06, OJ15, OBJ16, OSSK12, OJCP16, ODH+07, OHWS13, PVFI3, PYH14, PH11, POM+09, PV06, PBCR11, QCX+07, RESC16, RS12, RAL+17, RWF+13, RML12, RFL18, RKC+16, RGC+14, RB18, SZE+17, SKB+18, SPS06, SJ+17, SCT+10, STM17, SHV16, SFB+12, SHM+07, SGB13, SF14, SK13, SHB+14, SW13, SOL+13, SMER06, SYS+06, SLK+17b, SR00, SS18, SJL+18, STHO2, SSL+12, SGPR18, SWL+14b, TKC17, TKW08, TFH11, TLLH12, TKBH17, USKD12, VP04a, WZvdW13, WLSL17, WK06, Wea10, Wen14, WGS+13, WG16, WMA+16, WPS+16, WCQ+09, WLY+14, WFPZ+16, YX+18, XWW+13, YSZ04, YRWG13, ZZD14, ZGC+17, ZYLL09, ZYM+14, ZMZM15, ZCPB11, ZCCB12, ZCW+14, ZGB+17, ZWC+18, ZTZX13, ZWW08, cKJG+12, dLV+106].

Analysis [tCMR08, vLBR+16, WTS+07]. Analyst [WM16]. Analysts [GDJ+13, GGZL16]. Analytic [CFEC17, DSP+17, KGS+08, LDSM17, MYM16, NXW+16, PLK+12, SKB+18, WPC+13].

Analytical [AJ97, Ano09b, EFN12, TAE+11, WYM12].

Analytics [AAMG12, AABW12, Ano12g, BFE15, BTC13, BJK+16, BAF+13, CGM+17, CCL+16, CDW+16, DLW+17, ERLW18, EASS+18, Ert10c, GKL+13, GS14, GDKB17, HHEE16, HSTD18, HTA+15, HZM+16, IFP+12, aKGS11, aKS12, KYE13, KRTvW06, KSDD14, KTE15, KW13, KHSW17, KKL+16, LCP+13, LGM+18, LXC+17, LYW+16, LWL+17, LDM+18, LFA+16, MWSJ14, MRH+10, MHR+11, MMT+14, MGS+14, MW13, PBN+13, PKL+18, PGU+13, PLvdM+17, PHV+18, PSBS12, PM12, RLA+13, SSS+14, SSK+16, SNL06, SWY+17, SKU+12, SLK+17b, SPG14, TKC17, TKE16, TKBH17,
WSD+13, WDC+18, WCR+18, WAG06, WFM+06, WFC+06, WSM+09, XCH+14, XZM17, YYG+10, vW11, vDEHBV16.

Analyze [VP09]. Analyzer [PGT+08].

Analyzing [AMM+08, AJ17, AHH+14, BWP+10, BvL06, CRI06, Dac11, FHMK17, KSDD14, LBS14, LSC+18, MK13a, ORRL10, RC06, SKK+14, TSH+14].

Anatomically [WHM14]. Anatomy [DCKY02, ERL+13, KST+14, TBB+08, XSZ+17]. Anatomy-Based [DCKY02].

Anatomy-Driven [KST+14]. Ancestral [FDC+18]. Anchor [SZ11]. Anchoring [VZS18].

Aneurysms [JPLˇS16, OJCJP16].

Aneurysms

[GNBP11, GLvP+12, GLH+14, MVB+17].

Angle

[BA05, BHB04, HV13, HYB+17, NSZ+17].

Angular

[BZGV14, DMC15, GPL+11, vAPP+11].

Animal [KBB+10]. Animated

[BFP14, BGB15, CDF14, CMP14, HR07b, LWW+07, NKP+15, NDR96, vRKEE17].

Animating

[Dan16, LSY+18, Ney98, ZBO13].

Animation

[APP11, BW08a, BvdP12, BBa09, BDC17, CGD97, CTGH13, CDR+18, CLZ+03, DNL+06, EGS03, FvdPT97, FC95, HZM13, JAO+14, KL07, KS14a, KP05, KL14b, LGV+16, LJJ04, LG15, LLPY07, MD12, MPT03, NB95, NT99, OH12, Ota17, Per95, RLNN11, RFF+08, RM13, SRCP02, SK15, TYSN06, TLC+10, VMT06, WBA+14, YN03, ZPS04, ZWW+12, ZHF12, SRCP03].

Animations [CRH05, HE06, KIL07, LXB17, YLL+12, ZCW+09].

AniPaint [OH12].

Anisotropic

[AD16, ATT12, DPR00, FHHJ08, FT09, HM10, KBH13, LB15, QLMM13, YSS+12, ZHZ15].

Anisotropically [KLC09a].

Annealing [KH01]. Anniversary [KHE09].

Annotation

[BMW17, GS06, PWHK16, ZGB+17].

Annotations [ZGB+17]. Annual


Anomalous [CSL+16, ZCW+14]. Anomaly

[CLZ+18]. Anonymizing [WCC+18].

Anthropomorphic [TAK+05]. Anti

[CMFL16]. Anti-Aliasing [CMFL16].

Antialiasing

[MMS+98, MRT00, SPW02, VT08].

Anticipation [MZH+08]. Any [BWC04].

Aorta [RHR+09]. Aortic [BSR+14]. Apart

[FFB18]. Appearance [JWD+14, MSM+11, SHM10, SLB04, Tav02, VBC+16, Zho16].

Appearance-Based [MSM+11].

Application

[BTB+04, BGM+17, DMR04, GGA+11, HLRC+12, HFG+12, KKPSS8, LLS17, LKC09b, LRF+11, MTB17, OMD+12, PFF+11, PM08, PNMLO8, PPM+11, STS10, SD11, SGM08, YNYH06, ZWA+13].

Applications [AB01, BI12, BSO+12, BJK+16, COCS03, CSM07, FDFR10, GXX+13, GGTH07, GMM05, Gu01, HQ13, Hub95, ISC07, JKJTM06, JBS06, Kei00, LL04, LL04, MGPH06, MK13c, NTS11, QMK+06, RF11, RSD+13, SLA+09, SXM17, SWC+08, SK13, Ste98, WGS07b, WDC08, YL16, YML+17, YXM+15]. Applied

[Kin10, SCT06, dLVl06, vAPP+11].

Applying

[CLB13, HSTD18, SKK+14, TFO09].

Approach [ADWK+17, BMD05, BJK+16, BW01, BM17, CBL07, CCB11, DC17, DGW11, DBB10, DSC+08, DCKY02, FMI2a, FHG+09, FBL505, GNBP11, GIK+07, GNP+06, GBHP08, HBJP12, HM95, HBW06, HZM13, HNR+06, HZM+16, KHA12, KLYE13, KS02, KTE15, KGR+12, KY06, KCM18, LBS13, LVRH07, LAK+11, LXC+17, LLZ+16, LSPW12, MY96, MRH+10, MHR+11, NR18, OJ15, OHH06, PBN+13, PSM15, PSF09, PGL+12, PSR17, RKK16, RE14, RFL18, STS06, SS08, SS16, SAS16, SKU+12, SPB08, SC15, TMWS13,
TWSS16, TLM05, VFR13, WM08, WCC+18, WBH04, XCH+14, XZM17, ZHF12, ZHLB13, vdeHVB16, WBD14. Approaches [CK05a, FHKM17, FTES13, HB13, LD11b]. Approaching [WAWS18]. Approximate [HQ07, JWD+14, KMDZ10, TFO09, Wan11, Wil12]. Approximated [PLvdM+17]. Approximating [HTF97, JSG03].

Area-Based [ZSG+12]. Approximation Approximating [HTF97, JSG03]. Articulated [BYA15, CGL+17, LRZM11, PA06, RKSH11, SCOIT05, WXC+08]. Approximations [GSG96, HJW99a, HJW99b, KH01, LD11b, LDSM17, WBH04]. Arbitrarily [PHF07].

Arbitrary [BWW+12, HB03, LLFF08, LTWH08, LBG+08, LJWH08, LHZ+04, NPPZ12, RNK+15, RE14, VFP+11, WDC08, YXSH13, ZC06]. Architectural [SYYC11]. Architecture [ARB07, BWW+12, BGM+07, BGM+08, CGC+11, CFHH09, FH07, HKC+12, LLW15, MB03, MGP06, MFS+09, NKP+15, PTMB09, SRHH16, SS95, SLF+12, Wal12, ZPS04, LLLN+14]. Architectures [HQQ12, RPSC99, SHC+09, SvLF10]. Area [CDK04, LDSM17, LDN11, NSZ+17, RSFH14, SNM16, TGS11, Wil12, ZSG+13].


Arts [LML+18]. Artwork [PMCS11]. Artworks [ZJX+15]. As-Rigid-As-Possible [LG15]. As-Similar-As-Possible [LG13]. ASCII [XZX+17]. ASK [AvHK06].

ASK-GraphView [AvHK06]. Aspect [FHSW13, JES13]. Aspects [CZ11]. Assemblies [LSZ+18, NJB09]. Assembly [CPG+15, DBP14, SLMA06, XMR17]. Assembly/Maintenance [SLMA06].

Assessing [BRBF14, CB15, DBP14, MDF12, YAE07]. Assessment [ASMP17, BTS+18, GO15, LKK17, MMK+17, WM08, vLBB16, HSKH07]. Assignment [RC06, SS16]. Assist [HTP+08, aKGS11]. Assistance [FM06, MSA17]. Assisted [CICS05, HKR+08, IV11, LAK+11, LMC02, RLW+11].


Attempt [MNKT01]. Attended [LKC09b]. Attention [Fis07, HW12, HE12, HLRC+12, KV08, VFSG06, WL+14]. Attenuation [SCT06]. Attraction [DBD17, ZK10].

Attractive [WLB+14]. Attribute [GLG+13, HTE11, JBS08, LSS09, MJW+13, MCK12, RSS14, SPEB18, SGS16, TSAA12, TSH+14, WZK12, WCC+18].
Banquet [Kas12]. Bar
KHD02, KHDL07, TJW+17, TSA14.
Baroclinic [KLySK12]. Barrier
HSF+06, PKS+08. Bars [CG14].
Barycentric [SCT06, SAS05]. Bas
SRML09, SJM14, ZZL+15. Bas-Relief
SRML09, SJM14, ZZL+15. Base [KZW12].
Based [AJDL08, AHR+11, Ano14h, AW03, APD02, BW03, BRT12, BF01, BHST17, BHI+17, BKDE00, BKL+11, BWK+13, BCB10, BK12, BSL+12, BDDS18, BBS+08, BMST07, BB+12, BWT+11, Bro06, BMY05, BC12, BPS+11, BKW10, CWL12, CWT+08, CWM+09a, COJ15, CBL07, CZZ17b, CTT+16, CK11, CLR13, CAN14, CRT04, CCM11, CMN13, CL+16, CAH+13, CC12, CZQ+08, DMC+12, DH08, DCKY02, DZL+14, DTW+15, DP14, EHB11, EHP+11, EMdSP+15, FYP10, FXG12, FWZQ13, FYWY16, FHWS13, FR13, FBL+18, FM12a, FG09, FWT+04, FWR00, FBL05, FST+14, GSO8, GXH+13, GPL+11, GNS+14, GI+07, GR04, GKM+15, GHK97, Gzo05, GLB+06, GXY12, GZL+14, HW95, HSR13a, HSR13b, HA17, HLM10, HEG+17, HK99, HLG+14, HQQ12, HQ04, HNR+06, HPC+13, HZM+16, HTE11, JWS04, KLC09, KSG+16, KRHH11, KSY16, KPB13, KKS13, KJJ12, KBK07].
Based [KWS+14, KFN06, KTB+18, KHI+16, Lac96, LS07a, LA11, LwWJH04, LMZ+14, LCP+13, LFP07, LS07b, LWZ+16, LXB7, LDN11, LHFY12, LQXL14, LD10, LY12, LG12, LDW+15, LZLS16, LC10, LSS+15, MCP+06, MS08, MWSJ14, MO10, MRSS+12, MK13a, MB03, MS04, MAST16, MCK12, MTL18, MAK14, MOG11, MSSD+08, MSM+11, MP13, MRT00, NJB07, NKK11, NKR11, NDR96, NOB16, NT99, NSS03, PYW+16, PZLZ17, PPT+11, PMP10, PJO3, PA06, PGL+12, PFG08, PSM06, POD+13, PMD+07, QT96, QXF+07, QK04, RKG+11, RKK16, RLNN11, RML12, RGC+14, SVAC12, SND05, SNLD06, SWB+00, SYM14, SMP11, SWC+08, SF14, SZK15, SIS11b, SSIF09, Sel15, SAM+07, SB04, SYZ+18, SPN+16, Sim07, SWCR15, SOL+16, SPEB18, SO17, SPW07, TL07, TCYM09, THWS05, TAS12, TCL+10, TGW*95, USE13, VP04a, VP04a, VJC09, WWYS04]. Based
WZW+05, WW07, WGS07a, WQS07, WLSW08, WOS09, WSH09, WM13b, WZwdW13, WFS+16, WZ+04, WB08, WKME03, WG08, WEE03, WSE07, WQ07, WXZ+16, XESV97, XLND11, XHT+07, XZB14, YGV+13, YLZ+13, YNM15, YCL12, YLSL11, YL95, YL60, YLK12, YLY+12, YON05, ZCL08, ZZL+15, ZSL+16, ZWS+17, ZGH+18, ZGB+17, ZXN13, ZWM13, ZG06, ZCFL15, vAPP+11, vPVvdW10, vLBB16, zBBKN14, BPC+10, CJR07, CR08, CWDH09, CFHH09, CM08, DC17, DBM+06, DCCW08, DMS+08, JKM06, JM10, KLL+09, LSO8, MOF09, MEV+14, Me09, MRG+15, MKW+08, MDHB+07, NC07, PFK07, QMK+06, RKSH11, RL08, SNM16, SLK+17a, WSW16, YDC+14, YS17, YXG+10, ZK06].
Baseline [NZS+17]. Bases [SCOIT05].
Basic [HA18]. Basis
HLWL10, SG09, XJF+08. Basketball
WCW+16. BASTet [RB18]. Battery
GKL+16. Bayesian
CH17, GBP+13, MDF12, OPH+16. BCC
Kim13]. Be [RZP12]. Beam
AS11, MAST16. Beautification
OK11]. Before [DBN06]. Behavior
BGC+11, DV95, KO12, KLD+09, KTE15, MGPH06, RCL+15, RKC+16, SPO+12, SPCC10, TFDJ12, ZBMY14]. Behavioral
MZC+16, NT99, VBK17. behaviorism
FHL10. Behaviors [CSL+16]. Behaviour
SMP17. behind [LXC+17]. Ben [Ano13c]. Benchmark
EHB11, PFG08. Benchmarking
WCQ+09. Bend
AFRS05. Bending [LLBS17]. Benefits
BE09, HF11, WB08. Benefitting [HAS11].
Bernstein [HWI95]. Bertin
[PDF14, PGU12]. Best [HJW99a, HJW99b, Lin14c, Mhe17, MFS+09, WBI04]. Better
[CLT+11, LSL+17, LBLE+14, WWS+16]. Between
[LDMM18, PML97, BDFM17, GJZ+12, GSL14, KLM04, LPK+13, LKT13, RSRD516, SH12, TCYM09, WB05, YPF13]. Beyond
[BBK+16, BAW16, ERLW18, JD13, KH16, LIRC12, TNT17, WBD14]. Bézier
[HWI95, HTF97]. Bezirgens [YCZ+16]. Bi [WYP+15]. Bi-Normal [WYP+15]. Bias
[WBDS11]. Biases [HUPS14]. Biasing
[CH17]. Bicluster [SNR14]. Biclustering
[SHR+11]. Biclusters [SMR16, ZScc18]. Biconnected [AMA06]. Bidirectional
[JWD+14, LHZ+04, ZDW+05]. BiDots
[ZSCC18]. Big
[FPV+13, NHEM17, PSSC17, Wil18]. Biharmonic
[HHQH17, XYGL13]. Bilateral
[Wan06, ZFAT11]. Billboard
[LWL+17]. Bimmel
[SWA15]. Binaries
[YC14]. Binary
[FWT+04, KCOY03, MS08, SMDS14, TDR10]. Binary-Space-Partitioned
[FWT+04]. Binding
[Ddl14]. Binning
[PQMCR17]. Binoculars
[OSB+15]. Bintree
[LFR03]. Bioinformatics
[SND05]. Biological
[BMGK08, KAK+18, LPK+13, MRSS+12, MCS+08]. Biology
[MiS+18]. Biomechanical
[KERC09, MGL07, PBO+14, WHM14]. Biomedical
[HSSK16, HNR+06, JST+10]. Biorthogonal
[WQS07]. Biped
[TLc+10]. Bipolar
[BFL06]. Bird
[FLP+11]. BirdVis
[FLP+11]. Biscale
[SHR+11]. Bisection
[HJW99a]. Bisections
[HJW99a]. BiSet
[SMR16]. Bitmap
[PMH18]. Bivariate
[TC17, War09]. Black
[MPG+14]. Blended
[ATK16]. Blending
[CWM99b, HSKI07, HLYL18, KGZ+12, PSC04, PB13, WXJD17]. Blind
[ZTP05]. Blinded
[DJ18]. Blinding
[SFC+07]. Blindness
[MXW+13, SBHW11]. Blob
[JPLS16]. Block
[MWC+12, YL06, BPC+10]. Block-Based
[YL06]. Blockwise
[YSD+17]. Blood
[SS13]. Blue
[AGY+17, CYC+12, CCS12]. Blue-Noise
[AGY+17]. Blur
[IAIK16, PLW12, SBE+15]. Bodies
[ELF13, GSB+14, KWC+10, ORC07, SSF13, TF06, TZN+12]. Body
[AdLH13, CTT+16, Cse10, Cse13, Dan16, Dru08, EVM08, KBS13, KFL+15, LWP+06, MZH+08, SM04, SL08]. Body-Centered
[Cse10, Cse13]. Boltzmann
[AEM09, GLX17, LPPQF14, WLMK04]. Bone
[KSS09, WAWS18]. Bone-Like
[WAWS18]. booc.io [SST+17]. Boolean
[Ros11, FGF+05, Ros11, Wan11]. Boosting
[LXL+18]. Bootstrapping
[SKLU+11]. both
[YNBH11]. Boundaries
[SBSG06, ZM17]. Boundary
[BPB14, CMF12, DBTH07, IK95, LHZM14, WHM14]. BRep
[HR07a]. Branch-and-Bound
[PP+11]. Branch-and-Relax
[PP+11]. Branch-and-Solve
[PP+11]. Breakdown
[RC06]. Break
[KLL12]. BRep
[HR07a]. Brick
[LWM12]. Bridging
[DPW+15, LTM18]. Bring
[SJL+18]. Brisk [HSC08]. Bristle
[KMM+13]. Brittle [GMD13]. Broad
[TKE16]. Broad-Scale [TKE16].
Broadcast [WCW+16]. Bronchial
[STM08]. Browse [SMC+06]. Browser
[MMP09]. Browsing [AMA11, BAB+18,
BL07, BTC10, JhR10, WMA+16]. Brushes
[FWR00]. Brushing
[HTL13, JBS08, KPV+18, TFH11].
Brushlet [Sel15]. BSP [WI13b]. BTF
[LPF+07]. Bubble [CPC09, GSWD18].
Buckling [KNO15]. Budget [WLHD17].
Buffer [CMFL16, QK04, Zha14, VPF15].
BUFFERS [WHL16]. Building
[MAF11, MWC+12, MP13, PKL+18,
SWF+16, VAB12, WFS+16]. Bundled
[HEF+14, HPNT18]. Bundles
[Hol06, YWSC12, ZCL08]. Bundling
[BRH+17, BSL+14, EHP+11, LLCM12,
SHH11, SMNR16, vdZCT16]. Burning
[BWP+10, LIGF06]. Business
[BCH+13, VvWvdL06]. Butterfly [MQV00].
BVHs [Wei12]. by-Example [DV95].
Cable [SL08]. Cache [SJH+07, TDR10].
Cache-Efficient [TDR10]. Caches [YL06].
Caching
[GBP07, IWR+18, KGPB05, LY06]. CAD
[HC05]. Calculations [SS95]. Calculus
[BBK07]. Calibrated [BJM07].
Calibration
[BSM06, BMY05, HBKS09, IK15, KBB+12,
KV98, MIO+15, PIN+15, PGRS13, RNN+15,
RSS14, SH00a, TGW+95, WCW+16].
Calibration-Free [KV98, SH00a]. Call
[Ano08c, Ano12c]. Camera
[BMY05, CRPH10, Dan16, DH08, GSCI15,
Hem13, JWS04, KNR17, LL04, PR+10,
Rk17, RNN+15, SM09, TKTN09, TMM+13,
WLHD17, WCW+16, YLL+12, ZJH+11,
Zliu16]. Camera-Based [BMY05, JWS04].
Camera-Sampling [LL04]. Cameras
[BD16, KM10, LG12, PSM06, SLG+17,
WXY17]. Can [JAO+14, aKGS11, TKE16].
Cancellation [SRW+16]. Cancer
[HHO+17]. Canopies [CBLD11].
Capabilities [SLW+10, HSKH07]. Capacity
[ChLYL09, HW12]. CAPE [JNC+15].
Capstone
[Ano13t, Cox11, Fra12, Sza10, Bla12]. Capture
[BWK+13, CTGH13, CBL07,
HCMTH15, MCP+06, NQX+05, RK17,
SLG+17, TAL+07]. Capturing
[BB12, HHH16, MDL+17, Tay02]. Car
[MF11, TYSN06]. Carbon [BWW+17].
Card [HA17]. Card-Based [HA17].
Cardiac
[BPM+13, KGP+13, XSS+17]. Cards
[SOR+09]. Career [Ano10c, Ano11c,
Ano13c, Ano14d, Ano15c, Ano16b,
Ano16d, Dil17, Fuc13, Han18, Ros13].
Caricatures [CCM11]. Caricaturistic
[RVG06]. Carlo [HKL17, LSPW12, Sbe97].
carrying [HSKH07]. Cars [RHH+16].
Cartesian [EM06, KBVH17]. CartoDraw
[KNP04]. Cartogram [Nak18].
Cartograms [KNP04]. Cartography
[Rot13]. Cartoon
[YJL+15, ZCZ+09, ZHF12]. Carving
[DZL+14, FG99]. Carvings [LTPH17].
CasCAde [INCB18]. Cascading
[AS98]. Case [BvL06, FWD+17, GGZL16, JCRS09,
aKS12, LD11b, MRSS+12, PLC+11b, SSO6b,
dLVvL06]. Cases [BL04]. CAST [YE116].
Casting [HBAB14, HK99, KHW+09,
LGM+08, LYS+10, RPS09, SM11, SF14,
SM97, WJ08, WKM+17, vAPP+11]. Casual
[PSM07]. Categorical
[AAMG12, FWD+17, HV13, KBH06, LSS13,
SS16, UDSL18, WPS+09, XZM17, ZM15].
Categories [BSG18, KBG13].
Categorization [JF16, KHSI04]. Category
[VFR13]. Catmull [QM98]. Causal
[KIL07, WM16]. Causality [WM16].
Caused [CMS06]. Caustics
[HHQ07, MB18a, SKP07]. Cave
[PFK+08, CDK+17, DJK+06, FKW16,
PWHK16, SM12]. CAVE-Like
[SM12, FKW16, PWHK16]. CAVE-style
Communication [BKW03, MiS+18].

Commutative [CSL+16, CLB13, HHO+17, HMSA08, IBJ+14, MT14, MGM09, VSS08].

Community [KKL+16, VRW13].

Compact [KBK11, LGLR14, NXSL13, PW95, SCYW16, YDG+16].

Comparability [MES+11]. Comparative [ALBR16, BSR+14, BGR06, DLW+17, DBM+06, DDW14, GBFM16, HOGJ13, KBVH17, LCMH09, LSPS10, MHG10, MMDP10, NBW14, PW95, PFK+08, SLK+17b, VR11, WS06b, ZSL+16, vLBB16, RSRDS16]. Compare [SZB+09]. Comparing [BHZ+18, FCL09, GGL+14a, GR15, HB13, LKJ+05, LB17, PGU12, QM16, RJD+07, TSW+07, TSD09, WRR02, YSD+17, ZLB+05].

Comparison [AG16b, BVW+07, CHM11, DPW+15, DJK+06, DLF+09, G18e18, GHC+16, GGC+17, GNDV+18, HFMC12, IC07, KPBG13, KSDD14, MMH+13, SSMM13, SGB13, SWC+08, TFJ12, VS11, WPS+09, WHR02, WB08, YSD+17, ZLB+05].

Comparisons [KWP01, TGD12]. Compatible [BBiA09, BMST97, ER97]. Compensation [GB08b, H17e17, KNO15, LCR16, TIS16, TIK15]. Competent [PW95]. Competing [HFM12].

Competition [KWW+13]. Compiled [LBG+16]. Complete [HHCL01, ZHF12].

Completion [Hu16a, LSW17]. Complex [AdLH13, Ano56d, BW14, BB06, BMST97, BvL06, CFM+13, CVG13, GK95, GPP+16, GBHP08, HSK14, HBW06, K06, MKGH09, MG+14, MK09, Ney98, RFL18, SFR+10, VMT06, JQD+08, LCM07].

Complex-Valued [GK95, GPP+16].

Complexes [GNPH07, GB12, GKK+12, GGL+14b, SMN12]. Complexity [JWSK07, RBK+15, SKe97]. Compliant [ATK16]. Component [FWL17].

Components [AMA06, HKG07, SNB+17].

Composable [BTB10, BTHD11].

Composite [ALBR16, Jes12, SWvW+11, SM06].

Composites [BW+17]. Compositing [GPC+17, KM10, PMLD+07].

Composition [BMW06, KBVH17, KLJ+09, LRN96, LJWH08, TSC13, TSD12].

Comprehending [ARH+15].

Comprehensible [KMS09].

Comprehension [LR11]. Comprehensive [AR17, TBB+07, WRF+11, XZ+17].

Compressed [AYR09, DWW+12, KMKY10, KM16, Lin14f, PR00a, SD11, WAG+12, YL95, eYL07, PR00b].

Compression [BDHJ04, BSL+12, CBL07, CKL11, CM02, CHF95, CHF96, DRMM13, FM12a, GO15, LTT04, L106, LF03, MRRS+13, PA06, Ros99, SLV+10, VP04b].

Compressive [SD11]. Computation [AZM12, BA05, BGT12, CC12, DF96, G17e07, GNPH07, GBHP08, KL14a, KGBP05, LKH04, PSF09, RWW12, RLW+11, SM12, S108e, TC17, WGS07b, YSS+12].

Computational [BSO+12, CJTM05, GLK+13, KZX+14, PW12, YESK95]. Compute [MFS+09].

Computed [ARH+11, MBW+07].

Computer [Ano14c, Ano14j, Ano15a, Ano16f, Ano16a, Ano18a, BPD12, BSM+13, BDC17, CC12, HE12, HQK06, JDA+11, Kse12, KHE09, KS11a, KL14b, LWQ17, MMCE09, Ota17, PBO+14, RASA08, SK15, SR00, XSZ+17, Yan18].

Computing [ABCO+03, BEK10, BTJ+13, CWZ+14, DN13, GB12, JZLG09, KLL+13, KSY14, MGM09, MZC+16, MTRP10, NJ99, QCT13, RvWT08, RRH18, W08, WTL+09, XH12, WW+15].}

Concatenating [MCP+06]. Concan [JFBB10]. Concavity [AZC+12].

Concavity-Aware [AZC+12].

Concentration [OKS16]. Concept [SST+17, USKD12]. Conceptual [ASW12, DBD18, SHB+14, ZK10].
ConceptVector [PKL+18]. Concordance [WV08]. Concrete [CVG13, FHG+09].
Concurrent [EGH+06]. Condition [PH11].
Conditioning [LLL+10]. Conditions
[BMKG08, CMF12, LH11, TNB11]. Cone
[JWC05, QCH+14]. Conference
[Ano11i, Ano12g, Ano12q, Ano13v, Ano14p, Ano14s, Ano14s, Ano14v, Ano15e, Ano15h, Ano16g, Ano16h, Ano16v, Ano17p, Ano18f, BGK11, CR08, CLS11a, EDF08, ILMH12, KKL11, LSCN09, MW13, SL11, Ano11i, Ano13i, Ano14j, Ano17h]. Confetti
[PSG04]. Confidence
[FKLT10, KTB+18].
Configuration [LH16]. Configurations
[Dac11]. Configuring [SDW09]. Conflict
[BFL06, Kra16]. Confluent [BRH+17].
Conformal [PFK+08, dLVV06, WOCH09].
Conformal [GLB+06, HAT+00, PPZ+12, ZMG+10, ZZG+12]. Conforming
[GGL+14b]. Conical [AG17]. Conjoint
[GMS+07]. Conjunctive [SW13, Wea09].
Conley [CDS+12]. Connected [HKF16].
Connection [SS13b]. Connectivity
[AABS+14, BSL+14, CDK+17, JFTW07, JDL12, LL05, MN07, Ros99, SAM+05, TCYM09, TDN+12, VB13].
Connectivity-Based [TCYM09].
ConnectomeExplorer [BAAK+13].
Connectomics [AABB+16, HKBR+14].
Conquer [LYY+16b, ZHLB13]. Consensus
[YNM15]. Conservation [LTPH17, SSF13].
Conservative [KS01]. Conserving
[CM14, SCKR08]. Considerations
[BLB+17, Gle18, LIRC12, TM12].
Considered [CG14]. Considering [KSY16].
Consistency [PWG17, Wah14, WCB+18].
Consistency-Preserving [WCB+18].
Consistent [FYP10, IWR+18, LQG09, LSS+15, MGP06, QH18, SKMH14].
Constancy [SSG16]. Constant
[HUPS14, SZ12, XJF+08, ZWZD14].
Constrained [HBT14, MZX15, QCT13, RB07, SLGM09, VML97, WWS+18, YLY+12, ZZZC11, ZGH+18, ZWBH13].
Constrained-Environment [ZWBH13].
Constraining [YN03]. Constraint [BLS12, DKM06b, GMD+17, Won16, DMS+08].
Constraint-based [DMS+08]. Constraints
[CCM+13b, LM96, LWCS96, LYY08, OBLN17, QH18, TMD015].
Construct [GTS10, GTS11]. Constructing
[CMP09, GHJ+98, HJC14]. Construction
[BWC04, CTM+13, CK10, DBTH07, DN12, FSTG16, HJW99a, HJW99b, HSZ+11, INCB18, KS1A16, KCH11, KAK+18, KPS16, KH01, LS02, MB18b, PPT+11, PS12, SAR96, VB16, Wai12, WBH04, YXM+15].
Constructions [USM96]. Constructive
[HR07a]. Consumer [SFL+16, Zho16].
Contact [HK09, KFN06, LA11, MT07, SM04, SLA06, TF06, ZXB14]. Contacts
[AdL13, C1LM17, SLNB11]. Contagion
[VBC+16, WBA+14]. Containment
[WLSW08]. Contemporary [VB16].
Content [ADP02, CTM+13, CLB+16, HWS17, LLY+13, YLG+14].
Content-Aware
[CLB+16, LLY+13, YLG+14].
Content-Based [ADP02]. Contents
[Ano10f, Ano11k, Ano12n, Ano12o, Ano13s, Ano15o, Ano16s, Ano16t, Ano17j, Ano18b, Ano14q, Ano14r, CLS13a]. Contest
[PFG08]. Context
[BBBM18, BMKG08, BSSB10, BGKG06, CM16, DZM16, FWSL12, FNM13, GNBP11, GLZR17, KSW06, LDM+18, PH07, QWC+09, RGP+12, RMW09, SWS+11, TWSK14, TS08, WBK+08, WLT08, WC11, WWLM11, WP16b, Yan18, YEII16, ZZG+12, vHP09, zBBKN14, Kin10, NH06].
Context-Aware
[BBBM18, DZM16, Yan18, YEII16].
Context-Awareness [GLZR17].
Context-Preserving [BGKG06, SWS+11]. Contexts [BD06]. Contextual
[LPK+13, WS06b]. Contextualized
[BAB+18, WKC07, WBK+08].
Contiguous [KNP04, SKYS14].
[FPH+08, HZM13, LFA+16, PSTW+17].
Critical [RKG+11, SRW+16].
Critique [AJDL08].
Critique-Based [AJDL08].
Cross [CPW+15, GGC+17, KZW12, LB17, MGL07, NJJ11, SKYS14, Wea10, WPZ+11].
Cross-Cutting [CPW+15].
Cross-Filtered [Wea10].
Cross-Organizational [NJJ11].

Cross-Parameterization [MGL07, WPZ+11]. Cross-Sectional
[GGC+17, SKYS14]. Cross-Sections
[LB17]. Crossing [BGC+11, SS08]. Crowd
[FR13, LCGN14, PvdBC+11, RE14, WOO17, nGAB16]. Crowded [KAK+18]. Crowds
[MT01, SMTT+17]. Crowdsourced
[WGS+13]. Crowdsourcing
[GJC+17, MDF12]. Crystal [JKM06].
Crystalline [DK13].

Crystals [MJK06, SPCJL06]. CSG [HR07a]. CST
[HR07a]. CT [HLRS+08, HKG07, XZS+17].
Cube [CVC+12, KDA+09, MLKS18].
Cubemap [WWL07]. Cubes
[DSS+09, LB03, Nie03, STH03, WFW+17].
Cubic [Cse10, Cse13, EVM08, KEPO8, PQF+09, POD+13]. Cubical [SVAC12].

Cubist [CH03]. CUBu [vdZCT16]. Cueing
[LSB+16, TCM06]. Cues
[BW14, KOCC14, LHC10, LDFZ14, PB16, SLMA06, WHA07, WS06b]. Culling
[GLM06, KS01, MSHC99, SG99, TCYM09, ZK12]. Cumulative [GKW12]. Current
[Sat13]. Curvature [AT05, GWBO12, GCZL14, JFBB10, MOG11, NSE+12, ONU+12, WT10b, YKL+08, ZG12, ZBB+06].
Curvature-Adaptive [ZG12]. Curve
[AHL+13, BSL+12, CSM07, MJ10, LCMH09, LLBS17, LGS12, MKW14, ONU+12, OK11, RwTV08, WL08, ZWR14]. Curve-Centric
[LCMH09]. Curve-Skeleton
[CSTM07, WL08]. Curve-Skeletons [LGS12].
Curved [AFRS05, AMB+13, CRPH10, LLBS17, WGC+08, XRP+12, vGMSW15].

Curves [BSH+16, DMC15, Elb95, HVSW11, KBI+18, MKW14, MYM16, MM08, NJ99, WT10a].

Curvilinear [FC95, HHM14, HK99, STYC12].
Curvilinear-Grid [HHM14]. Curving
[IFP97]. Custom [BLO+05, SLA+09].
Custom-Tailored [BLO+05]. Customer
[WWL+10]. Cut [NKHI11, LLC15].
Cut-Surface [NKHI11]. Cutouts [LSR+13].

Cuts [DGW11, WWB+13, XTY+11, ZZBW08].
Cutting [CPW+15, FG99, GTHL01, SBW17, WZW+05, ZZC11].
Cyberinfrastructure [MEV+14].
Cybersecurity [Ano14p]. Cyclist
[BGC+11]. Cylinder [LZH+13].
Cylindrical [AL11, AG17]. CyteGuide
[HPvU+18].

D [CMK15, GW13, MY14, SK16a, SW17, AL06, AJDL08, AHKMF11, ARH+15, AHR+11, APV+15, BSb+18, BCGS17, BB09, BF01, BBI09, BIAI17, BPM+13, BTB10, BTHD11, BC12, BSH15, CWZ+14, CTGH13, CWL12, ChLY10, CC08, CZN+11, CKW+12, CFHH09, CCM11, DDW14, DHL09, DMR04, DBW11, DRHK07, DNP07, DHM13b, DMC15, ERL+13, ET08, FW08, FCL09, GCL+15, GRT17, GSC15, GIS03, GJR+14, GPP+16, HDBC15, HE06, HLL97, HLRC+12, HM10, HLYL18, IFP07, INC18, IFM14, JSG03, JK16, JNC+15, JDLO9, JBS06, JCWD14, KSG+16, KZL07, KCA16, KLG+16, KGP+13, KYT+18, KKKW05, LYY+16a, LKJ+05, LS07a, LWS+17, LRRN96, LH03, LDH09, LKL+15, LHC16, LJJ04, LG13, LDN11, LJJ12, LL05, LY06, LB17, LLCD11, LCS+12, LGS12, LFR03, LODI16, LSM03, MS08, MWSJ14, MW99, MCHM10, MAST16, MCG12, MSA17, MH10, MJK06, MDS16]. D
[MES+11, MWC+12, NWW16, NB95, NQX+05, OHWS13, OA11, dJOBNM17, OHH06, PQMCR17, PBO+14, PZL17, PK08, PLW11, PLW12, PJ03, PGT+08, PZ07, PH07, PMW13, PUNI11, PGI+17,
KGG +12, LHV06, LP02, LPG15, MCHM10, NSE +12, PD04, SBV +11, TLQ +08, TWH05, TEC +16, TLS17, USE13, VCP08, WC09, WC10, YSGM05, ZEC08, Zhu05].

Depiction
[BW11, BBIF12, CVG13, VPB +11].

Depictions [PSM07].

Deployable [ZWC +16].

Depredation [BDB +16].

Depth [APW16, BE06, BG07, CMP14, Dan16, EBR109, HK05, IMS15, KPR +15, KOC14, KSTE06, KLM04, KJW +14, LDH09, LKC09a, LKL +15, LH16, LH16, LDN11, NRS15, PKB +12, SLG +17, SEA09, SJK +07, SSE15, VF13, YFX18, ZDJ +09, ZWM13].

Depth-Dependent [EBRI09].

Depth-Fighting [VF13].

Depth-Fused [LDH09].

Depth-Inferred [ZDJ +09].

Depth-Ordering [ZWM13].

Depth-Ordering [ZWM13].

Depth-Perception [BG07].

Derived [OJ12, Rot13, TBB +08, WT10a, GDKB17].

Deriving [EGS03]. Description [SAR96, VC17]. Descriptions [MB01].

Descriptor [CZN +11]. Descriptors [CPG09, DNP07, EHBA11, UMW +12].

Design [AJDL08, ARRC11, AS05, BB12, BEJK12, BISM14, BLB +17, BGK11, BM10, CKW +12, CZZ17b, CWQ +07, CLEK13, CJTM05, DPW +15, DBH14, EF10, FFB18, FCZ15, GS08, GKL +13, GWF114, GJZ +12, GDJ +13, HKBR +14, HHQ +17, HA17, HKR +08, HA06b, HB10, HLRC +12, HZM13, JHKH13, aKGS11, KW14, KAM +08, KSL +17, KS14b, KBVH17, KHL17, KPR +14, LJJ +10, LT18, LWS +17, LIRC12, LIM +12, LCS +12, LD11b, LLY06, MLMF12, MJW +13, MRSS +12, MMAM14, MPW17, MMY97, Mun09, OM09, OK11, PFW12, PWHK16, PB16, QT96, RHY14, RHR16, RKG +18, SArk06, SVAC12, SFB +12, SHS11a, SNHS13, SMM12, SYYC11, SOL +16, SD12, SSL +12, SNR14, Sza18, TM12, TLD +12, TSW +07, WGM +08, WZK12, WQ07, YCLJ12, Zag96, ZHT07, ZM13, tCMR07, vLFR17, WBD14].

Design-Sheet [RHR16]. Designing [Chi16, EMRY02, HN13, Kei00, KKL +16, dJOBNM17, PHV +18, SKK +14, TKBH17, WK10, ZWC +16]. Designs [HFMC12, OAH14, RHR16]. Desktop [JD13, LtL12, PKF +08, TMM +13, TBR +12]. Destination [AAFW17, GZ14, ZFL17].

Designing [Chi16, EMRY02, HN13, Kei00, KKL +16, dJOBNM17, PHV +18, SKK +14, TKBH17, WK10, ZWC +16]. Designs [HFMC12, OAH14, RHR16]. Desktop [JD13, LtL12, PKF +08, TMM +13, TBR +12]. Destination [AAFW17, GZ14, ZFL17].

Detail [AAFW17, GZ14, ZFL17].

Detailed [KLCK17, SSH14, ySKK07]. Detailing [YYT16]. Details [BBD06, NDS10]. Detecting [AG17, KSSD14, TN13, WBDS11].

Detection [BW04, BDJ14, CLZ +18, CCW +09, CRT04, CS08, GLvP +12, GSM +14, GSL +17, GRVE07, HLRS +08, HQK06, Hub95, JWS04, JPLvˇS16, KHS98, KMT14, KHM +98, LWZ +16, LZH +13, MBT07, MRSS +13, MJK06, MTS07, OSBM14, PLW11, PML97, SBJ +10, TCYM09, TN14, WRM +10, WWC +14, WX17, WSYM17, WS01, Won16, ZK07, ZK12, ZK14a, ZBB +06, JQD +08]. Detector [BW03, DNP07]. Developable [TC09a, Wnt08]. Developing [BW11].

Development [KMSB14, LKK17, LFA +16, MY13, TAK +05]. Device [EPS +15].

Developable [TC09a, Wnt08]. Developing [BW11].

Development [KMSB14, LKK17, LFA +16, MY13, TAK +05]. Device [EPS +15].

Devices [BJM07, DFG +14, HTP +08, KPR +15, LS07a, LHD18, RBDG15, RG17, SOS +17, YC14].

Dia2 [MEV +14]. Diagnosis [BG011, KHZ18, LXL +18, MSSID +08, OIR +17, SSMG13]. Diagnostics [XMRC17].

Diagram [CdOKRV09, YBZW14].

Diagrammatic [JhR10]. Diagrams [BTC10, BKH +11, CLB +16, CRB +05, JRHT14, KLMA10, MPWG12, RD10, RZP12, RSFH14, SSKB14, SAS16, SZHR11, SRHZ11, VCP08, Wil12]. Dialogue
Diamond [WD09]. Dice
[EDF08]. Dichromats
[CCB11, KOF08, SMO+13]. DICON
[CGSQ11]. Diderot [KCS+16]. DiffAni
[RM13]. Difference
[RM13, Sza18, WCJ06, YL18]. Differences
[TSD09]. Different [BC18, FTES13,
GJZ+12, HOT98, SLW+10, TAL+07, YL18].
Differential [KHW+09]. Difficulties
[HAS11]. Diffuse
[NSS14, SVGR16]. Diffusion
[CLS+12, CYZ+09, DPR00, FT09, GWK12,
GSZ+13, GKL+16, HM10, HQ13, HLD+08,
KLLR07, KWH00, KW06, PT17, STS07,
STS10, WW07, WDC08, WLY+14, ZDL03,
ZSL+16, ZHL+09, vAPP+11]. Digital
[AB06, DiV15, JSG03, KSI+96, MBW+07,
PMCS11, SCT06, ZSTR07].
Diminishable [AIS18]. Diminished
[KSY16]. DimpVis [KC14]. Dipoles
[GBM+12]. Direct [AWC10, ACTM12,
BTT09, BMWM06, BKW08, CR08,
CWM+09a, CCB11, CWC+06, DWB+06,
FDPH17, FE17, GPC+17, GKK+12, HLY10,
HXS+15, JKRY12, KWP01, KWH00, KC14,
KJL+12, LR11, LLY06, MCK12, Max95a,
RE01a, SE17, SF14, SE15, WQ07, WK1+17,
YCY+16, YSI+10, ZWM13].
Direct-to-Indirect [ACTM12].
Direct-Touch [YSI+10]. Directable
[JFBB10]. Directed
[CHK04, DTM06a, DRMM13]. Directing
[PvdBC+11]. Directional
[SHH11, WWYS04, WC13, ZHI+15].
Directionally [AM13].
Directionally-Varying [AM13].
Directivity [MAKM14]. Directly
[HB+13]. Dirichlet [HLG+14].
Disambiguating [SC15]. Disambiguation
[SWY+17]. Disciplines [GJZ+12].
Discontinuities [LT10]. Discontinuous
[SCKR08]. Discourse
[ASW12, LSB+16, ZCB12]. Discovering
[CY+W+16]. Discovery
[DCCW08, Eic00, IDA+14, PLS+14, SS06b].
Discrete [AT05, AKH+17, AJ97, CS08,
HKKS18, IHR01, JKLG08, KCOY03, LS13b,
LT04, LCS06, PLK+06, RS12, SvdBLM11,
SN97, VCP08, ZAG96].
Discretization
[EJR+14, KDBB17]. discriminable
[GLS17]. Discriminant [ZPP05].
Discussion
[SRW+16]. Disease
[BGP+11, GNDV+18, MSSID+08, OIR+17, TBB+07].
Disentanglement
[NOB16]. Disk
[LLLFO8, YXSH13]. Disney [Min13].
Disocclusion
[DZM16]. Disparity
[WZC+15]. Displacement
[AHRW09].
Displacements
[KMDZ10, WCB+12].
Display
[BS02, BC18, CK16, CM16, CDK+17, DK11b,
DVT+17, ETO+10, Gor02, GPK14, IPP+12,
JH13, JRH14, KBB11, KFL+15, KML96,
LSJ+15, LDH09, LDN11, LHC10, MY13,
MBZB12, MIO+15, NHI07, dJOBNM17,
ORC07, OH06, PKS+08, PGRS13, RLM10,
Sim07, SXL10, SZH07, SBHW11, TKT09,
TIS16, VB18, WZW+05, WB08, WPSH06,
YNH06, YHW+07, YHL08]. Displaying
[JS98]. Displays
[AHKMF11, AT16, BSE+17, BJ12, BSM06,
BJM07, BMW05, CAN14, DVC07,
DGF+14, DJK+06, HN13, HRI15, IK15,
DAK15, IA1K16, IHS17, JH13, JWS04,
Dissemination [BKW16]. Dissertation [Meh17]. Dissimilar [ZCJH12].

Dissimilarity [BDD+16]. Dissipation [KLLR07]. Distance [BA05, BKS01, CZN+11, DBW11, Gué01, GDN+07, HLD+08, JBS06, KBB+12, KHS14, KL14a, KW11, KDBB17, KMH11, LPK12, LMZ+14, NDS10, SFH06, SK00, YXM+15].

Distance-weighted [HLD+08]. Distances [XWL+15]. Distant [WHK15]. Distorted [SM09]. Distortion [BGR06, NWHW16, WLT08, YYSZ06].

Distortions [NSZ+17]. Distractors [PFW09]. Distributed [BSM06, BSO+12, CMS10, CLL08, Ccq+14, DL12, Lsj+15, LNS08, MB03, NSS03, OWS15, PST+15, PMD+07, RLM10, SSM13, Sks12, TIK15, Vis15, Wah14, WAG+12, Wll18, Xzb14].

Distributing [LLL08]. Distribution [DS16b, DCH+17, GGGP17, IWR+18, JH09, KBB+13, OHJ+11, SS199, XZM17].

Distribution-Driven [JH09].


Document [BMS17, BSM14, CWDH09, GLK+13, HHWN02, HKBE12, KKP+17, MDL07, PM08, PNML08, SOR+09, cKJG+12].


[CCQ+14, CJTM05, DLW+17, DNP07, DL03, aKS12, KCS+16, LS02, Mar18, RGBH14, YLSL11, Zhu05].

Domain-Specific


DOPs [KH+98]. Dot [IFM14, NWI17, RW18, TSD09, ZTA12].

Double [WPC+13, YSL+13, YHJ+17]. Double-Sided [YSL+13, YHJ+17]. Doug [An14e]. Down [DH08, LFR03, LS10]. Dr. [Han95]. Dragging [CLE13].

DrawFromDrawings [MSA17]. Drawing [AMA06, CHK04, DKM06a, FWS12, FT08, HS11, HSCS11, HQQ12, KLZ07, LHL14, MSA17, NW11, PPP12, RFSF14, SZHR11, ZCFL15].

Drawing-Based [HQQ12].

Drawings [BRH+17, BKW03, KK+17, MNZ+15]. Drawn [CLAL12]. DRF [ZCFL15].

DRF-Based [ZCFL15]. Drills [LLQ+17].

Drive [YHMY08]. Driven [AZM12, AG16b, ARL+17, BOJ16, BMS17, BM10, CDBR14, CDR+18, CLR13, CM11, DS16b, FXG12, GH00, GAB07, GAB08, GGA+11, HBJP12, HD12, JH09, KW14, KSI+96, KSL+17, KST+14, KGZ+12, LJX+10, LCC+17, LMD12, LSS13, LFP07, MD12, Mar18, PZL17, PK13, PLS+14, PGL+12, RLLN11, SSH14, SPG14, SSL+12, VKG05, VFSG06, WYM08, WHK15, WMGE12, YLL12, ZLG+06, ZH07, ZLD+14, ZNN16, tCMR08, ZBBW08].


DTI/HARDI [PPA+11]. Dual [ATLF06, HK07, HF06, KLM04, KM96, LLL08, LML+18, MEL11b, SJW07, TFH11, ...]
WLLC15, YLSL11]. **Dual-Domain** [YLSL11]. **Dual-Matrix** [WLLC15]. **Dual-Mesh** [ME11b]. **Dual-Representation** [HF06]. **Dual-Space** [KLM04]. **Ductile** [FHG+09]. **Duplication** [HBF08]. During [DC17, KBGE11]. **DVV** [KOJC12]. **Dye** [JEH02]. **Dynallax** [PKS+08]. **Dynamic** [AHSS14, AL11, APP11, BFP14, BSS+13, BDY06, BFL06, BVB+11, CWL12, CS08, DL12, FvdPT97, FBL+18, FM06, FT08, FTES13, GJG+15, GPK14, GGPPS13, Gué01, GN12, HL02, HSS11, HSCW13, HBW14, HWL+11, HQ04, HTZ+11, HEF+14, JS06, JFY16, JWL05, KJL+12, KW13, LRP97, LBH18, MB18a, MQV00, MKH12, MZH+08, MKW07, MTB17, NW17, NSE+12, NKC08, OBLN17, PCY08, PKS+08, PH08, QMV98, RD05, RGFL14, RP12, RG95, RM13, SST+17, SAM+05, SWW+15, SAC+08, SG09, SLW+10, Sun03, TJW+17, TF06, TSH+14, VS11, VPF15, VBB16, WLB+14, WMM11, WB05, YNCP06, ZK17, ZPS04, ZDM13, ZGH+18, vdEHvW14, vdEHvB16, FHL10, LCM07]. **Dynamically** [BS16, LYY+16a]. **Dynamics** [BLG+16, FAU99, GRVE07, GBM+12, KBE09, LVRH07, OBLN17, PCY08, PKS+08, PH08, QMV98, RD05, RGFL14, RP12, RG95, RM13, SST+17, SAM+05, SWW+15, SAC+08, SG09, SLW+10, Sun03, TJW+17, TF06, TSH+14, VS11, VPF15, VBB16, WLB+14, WMM11, WB05, YNCP06, ZK17, ZPS04, ZDM13, ZGH+18, vDEHvW14, vDEHvB16, FHL10, LCM07]. **E-SD** [HRN+03]. **E-Transactions** [XCH+14]. **Early** [KYK11, Zag96]. **Earth** [SPO+12]. **Earthquake** [LLQ+17]. **Easier** [OSSK12]. **Ecosystem** [McK09]. **Ecosystems** [BCH+13]. **Eddy** [WPS+16]. **Edge** [BRH+17, BYA15, BBJ+12, BSL+14, BVB+11, CZQ+08, DSC+08, DSS+09, DRMM13, EHP+11, Ho06, HM10, LLCM12, OKS16, SHH11, SMNR16, TCM06, YSZ04]. **Edge-Aware** [BYA15]. **Edge-Bundling** [LLCM12]. **Edgebreaker** [Ros99]. **Edges** [AFRS05, GHL15, OSK16, SPEB18, Wan06, XRP+12]. **Edit** [BDFM17, XNT11]. **Editable** [GXH+13]. **Editing** [ATLF06, BKL08, CML+07, LHFP+12, LZW+13, LSS+15, WM13a, WP16a, WCB+18, WQ07, XLND11, ZZL+15]. **Editor** [De 18, DW17, GKR14, Lin11a, Lin14c, Lin14d, MY14, MFS+09, AD12, Ano05a, Ano05b, Ano13n, Ano14n, Ano15d, Ano16n, Ano16o, BDP12, BDC17, BKG11, CW11, De 15c, De 15b, De 15a, De 15d, De 16b, DS16a, De 17b, DS17b, DQF12, Ebe00, Ebe03a, Ebe03b, Ebe04b, Ebe06a, Ebe06b, Ert07a, Ert07b, Ert07c, Ert08, Ert09a, Ert09b, Ert10a, Ert10b, Ert10c, Ert10d, Ert11b, Flo16, De 16a, De 17a, Flo17, GJK15, HK10, Hag99, Hag00, HE02, Hag03, HVY16, IKT15, Joy02, JLS15, Kau98, KL14b, LSCN09, Lin11b, Lin11d, Lin11e, Lin12d, Lin12b, Lin12c, Lin12e, Lin12a, Lin13d, Lin13a, Lin13b, Lin13c, Lin13e, Lin14c, Lin14a, Lin14b, Lin16a, MH10, Moo03, MYM08, NSvW11, O15, OA11, PZ12, Pur09, Qin09, Rus99, SK16a, SK15, SSL08, SL11, SW17, Var01]. **Editor-in** [Lin14d]. **Editor-in-Chief** [De 18, Ano13n, Ano14n, Ano15d, Ano16n, Ano16o, De 15d, DS16a, DS17b, Ert07a, Ert10d, De 16a, Flo17, Hag03, Kau98, Lin11d, Lin11c, Lin12e, Lin12a, Lin13e]. **Editorial** [Ano97b, Ebe07, Ert07a, Ert09a, Ert11a, Kau96, Kau96b, Kau96c, Kau97, Kau98, KRTvW06, SGR06, SW06, BLRW05]. **Editorials** [KM95]. **Editors** [CDSB14, vW11, Ano12g, Ano13o, Ano14o, Ano15m, Ano16p, Ano16q, BHTY15, CCH14, CSL07, CTK12, CLS13b, DLM+12, FBl07, GW13, GMM05, HKQ13, HP04, HLM0, HLM12, KMN04, KS14a, KKL11, KHSB11, KPG12, LS06, LST+16, LBK09, LABS10, MW13, RvWT05, TL11, VW12, WLW17, WM05, vHMM+11, vWMT04]. **Education** [CB15, Chi16, HA17, SST+17]. **EdWordle** [WCB+18]. **EEG** [tCMR07, tCMR08]. **Effect**
[ETO\textsuperscript{+}10, LPP\textsuperscript{+}06, LG15, NDS10, REB\textsuperscript{+}16, SASS16, SEA09, TC13, YESK95].

\textbf{Enhancement}

[JPL\textsuperscript{+}16, KV06, MDM10, VKG05, VJN\textsuperscript{+}15, WK13, ZGW\textsuperscript{+}14, NZX16, ZWM13].

\textbf{Enhancements} [KWL\textsuperscript{+}14]. \textbf{Enhancing} [BG07, GYK\textsuperscript{+}16, KW14, KOC14, KSTE06, KSS09, LJZ12, MJL\textsuperscript{+}13, TCM06].

\textbf{Enrichment} [LX017]. \textbf{Enrichment} [KTE15].

\textbf{Ensemble}

[BGOJ16, CZC\textsuperscript{+}15, DDW14, HZ13, KTB\textsuperscript{+}18, SDZ\textsuperscript{+}10, WSL17, WRF\textsuperscript{+}11].

\textbf{Ensembles} [BLLS17, CLEK13, FBW16, FKW17, GBP\textsuperscript{+}13, HHB16, HSSK16, HMZ\textsuperscript{+}14, HOJG13, KSDD14, LBR\textsuperscript{+}17, MGS\textsuperscript{+}14, MKW14, OBJ16, WKM13].

\textbf{Ensuring} [HHCL01].

\textbf{Enterprise} [KPHH12, PGU\textsuperscript{+}13].

\textbf{Entertainment} [NQX\textsuperscript{+}05].

\textbf{Entity} [BCB10, FWL17, KGS\textsuperscript{+}08]. \textbf{Entity-Based} [BCB10].

\textbf{Entourage} [LPK\textsuperscript{+}13].

\textbf{Environment} [AB01, CDBR14, EGH\textsuperscript{+}06, FYWY16, HWHK16, HWL\textsuperscript{+}11, KCH11, KLL12, LH11, LGS\textsuperscript{+}11, LIM\textsuperscript{+}12, LOD16, RJG17, RSD\textsuperscript{+}13, VSS08, WMWL11, WKC07, YAE07, ZLB\textsuperscript{+}05, ZWBH13].

\textbf{Environmental} [MBH\textsuperscript{+}12, NTS11, SKU\textsuperscript{+}12].

\textbf{Environments} [AM13, BZS\textsuperscript{+}13, BK12, BL15, BIPS12, CWL12, CLL08, CPM\textsuperscript{+}05, CRJ06, CVC\textsuperscript{+}12, DL12, DK11b, DDDA06, ESY98, FWK16, FS14, GPL\textsuperscript{+}13, HSK14, HLRC\textsuperscript{+}12, IDW\textsuperscript{+}13, JSB13, JWL05, KHSS14, KLL\textsuperscript{+}13, KCT\textsuperscript{+}17, KAK\textsuperscript{+}18, LGW05, LKC09b, LFH06, MWCR06, MRG\textsuperscript{+}15, NDR96, NSS03, PFW09, PWHK16, PBK\textsuperscript{+}12, PGRS13, QWC\textsuperscript{+}09, RZP\textsuperscript{+}07, SM12, SGQ16, SL08, SMP17, SAC\textsuperscript{+}08, SFR\textsuperscript{+}10, SLF\textsuperscript{+}12, Tay02, UK12, Wah14, WZQK04, WKW06, ZDM13].

\textbf{Episodes} [KBK11]. \textbf{Equal} [HBH04].

\textbf{Equalization} [SRML09]. \textbf{Equalizer} [EMP09]. \textbf{Equation} [AG17, DRW16].

\textbf{Equations} [WDC08]. \textbf{Equipment} [SFL\textsuperscript{+}16]. \textbf{Erez} [Ano13u]. \textbf{Ergonomics} [ZLDM16]. \textbf{Ergonomics-Inspired} [ZLDM16]. \textbf{Errata} [NN11a, SOK\textsuperscript{+}16a, TdJ15, WC10].

\textbf{Erratum} [Ano14h, GTS11]. \textbf{Error} [CCK07, CG14, EJR\textsuperscript{+}14, FCZ15, FSME14, HYB\textsuperscript{+}17, MY96, PA06, RMW09, She97, THJ99].

\textbf{Error-Bounded} [HYB\textsuperscript{+}17]. \textbf{Errors} [BJB\textsuperscript{+}12, MMS\textsuperscript{98}, SDMT16].

\textbf{Escape} [MSME14].

\textbf{Escher} [LML\textsuperscript{+}18].

\textbf{eSeeTrack} [TTS10].

\textbf{Establishing} [NSN14]. \textbf{Estimates} [GJC\textsuperscript{+}17].

\textbf{Estimating} [RRD\textsuperscript{+}13, SS08, Zag96].

\textbf{Evaluation} [AJDL08, AZM12, ALBR16, AS05, BGP\textsuperscript{+}11, BYB\textsuperscript{+}13, BPS13, BTB10, BE09, Bru17, BGR06, BKH\textsuperscript{+}11, BTJ\textsuperscript{+}13, CCK07, COMP13, Cse\textsuperscript{08}, Cse10, DRW16, DRHK07, EmdSP\textsuperscript{+}15, FSTG16, FTES13, GLH\textsuperscript{+}14, GHL15, HKBR\textsuperscript{+}14, HMSA08, HKH\textsuperscript{+}12, JRHT14, JF16, KGS\textsuperscript{+}08, aKGS11, KOC14, KCH11, KLL12, KDA\textsuperscript{+}09, LT99, LD11a, LDA12, LFA\textsuperscript{+}16, MLMF12, MYH13, MK13b, MMYY97, MIO\textsuperscript{+}15, NDM\textsuperscript{+}97].
NHB+17, NTS11, PFW09, PFW12, PWHK16, PFG08, PB16, RMW09, SSKB14, SD12, SFR+10, WR11, WKSS05, WCA+17, YDGM17, CMR07]. Evenly [LMG06, WLZM10]. Event [CvW18, CXR18, DFD+14, DSP+17, GS14, GXZ+18, KKB11, KFN06, LSB+16, MLL+13, PLC+11b, VJC09, WGI12, YLL+12]. Event-Based [KFN06, VJC09]. Event-Guided [LYK+12]. Events [BSR+14, CDW+16, DGWC10, LGM+18]. EventThread [GXZ+18]. Evolve [IBJ+14]. Evolving [BMGK08, BHZ+18, BE09, BPS+11, FIBK17, KHSI04]. Excluded [LBH14]. Executive [CPC09, MPG+14]. Expand [vHP09]. Examples [AIDL08, aKS12, TeET14]. Explainers [Gle13]. Expectations [AJDL08, aKS12, TeET14]. Explaining [LMG06]. Explanation [MRSS+12, PGK16, TSA14, vFWTS08]. Expert [Gle13]. Experts [AIDL08, aKS12, TeET14]. Exploring [LMG06]. Explanation [BPW00]. Explanatory [RRJH18, WBE+06]. Explicit [FSSH12, LCS+12, ZCCB13]. Exploded [BG06, KLMA10]. Exploiting [GH95, VB13, WIL07]. Explanation [AMA08, BS+18, BCTC13, BBH+17, BMS17, BIAI17, BWW+17, BBP08, BBG+09, BWT+11, BGK06, BM10, BLG+16, CQG+08, CWT+08, CDZ+09, CCM+14, CZC+15, CSC07, CM08, DC17, DNN13, DFD+14, DCCW08, DMS+08, EDF08, EHHRF10, EDF11, EBB+15, FDPH17, FVP+13, FSM16, GCL+15, GNBP11, GBP10, GLK+13, GS06, GW11, HSS11, HLR+08, HB12, HLRC+12, IVJ12, JBMS09, JK10, JKMG07, JFY16, KAKC18, KLM+08, KKP+17, KBH06, KG06, LHD18, LLP+06, LS09, LMZ+14, LBT+18, LFH06, LKS13b, LS16, LWD+17, LBT+18, LOD+16, DSC+16, MJW+13, MV06, MI13, MLKS18, MTRP10, NM13, PBN+13, PSS17, PSTW+17, PS+14, PM08, PS06, PHE+18, PTMB09, PFK+08, POM+09, RGK+13, RT12, SHM10, SKBE17, SM17, SYZ+18, SPN+16, SKU+12, SYS+06, SS18, SPG14, TJJ+17, TAE+11, TEC+16, TWSM+11, UDLS18, VMCC10, VJC09, WLJ+12, WCZ+11, WYL+14]. Exploration [WFW+17, WAG06, WMGE12, WDC07, WS09, WZX+16, YEB16, YHW+07, YSI+10, YDC+14, YRWG13, ZMH+09, ZK06, ZCCB13, ZSC18, ZLDM16, dOL03, vHP09, vPBB+10, vEvW14, vEHBBV16, SKL+14]. Explorations [Gle13]. Exploratory [BE18, BWK+13, DPW+15, DB07, FP17, GBW17, LH14, LLZ+16, LTP+05, ML12, SKB+18, STO17, TWS16, WMA+16, YWC+18, ZGC+17, ZCPB11]. Explore [HF06, HFM16, LMK+16].
Explorer  
[PGK16, BGM+17, GFG+14, NJBJ09].

Exploring  
[AAH+13, BDF+10, BDSW13, CvW18,  
CG14, DYW+13, FSW09, FH07, GWFI14,  
GK07, HF11, JDL09, JDL12, KC14, LPCC17,  
LSB+16, LYK+12, MAAB+18, PGSF16,  
PBC17, RGFLL14, RB11, Sel15, SAM+05,  
SDW11, STS+14, WM18, Wan14, WG12,  
YLF+13, ZWJZ12, vGMSW15, GMD+17].

Exponent  
[BGT12]. Exponents  
[GT17, GHP+16]. Exposing  
[WGS+13].

Exposure  
[SBF+15]. Expression  
[CWZ+14, DNL+06, EG09, KLK+09, ZPS04,  
ZLG+06]. Expressions  
[BZS+13, Ros11, WHM14]. Expressive  
[BLB+17, DNL+06, KSL+17, KKSE17,  
RHY14]. Extended  
[CMFL16, GPL+13, GQGP17, IMS15, KWP01,  
PLW11, PGI+17, SSS13, VGKS12, vdEHEBvW14]. Extending  
[FDFR10]. Extensible  
[WSD+13].

Extension  
[DCK+12, TLH10, TUG17].

Extensions  
[BBP08, EM06]. External  
[CMRS03]. Extinction  
[AZD17, SMP11]. Extinction-Based  
[SMP11].

Extinction-Optimized  
[AZD17]. EXtract  
[ZHF12]. EXtract-and-COmmplete  
[ZHF12]. extracted  
[BWW+17].

Extracting  
[AAH+13, GGL+14a, GPP+16,  
JCDW14, PMH18, YFM01]. Extraction  
[Ano06b, AE13, BDSS18, CML+07,  
CMM+97, DS16b, ESN+09, ENS+12,  
GSDJ04, GH95, GKL+16, HKG07,  
KLH99, KGP+13, LTPH17, LLLC15,  
LBH11, LLR08, LSJ96, MS08,  
NN11a, NN11b, NKH11,  
OMD+12, RLO8, SP07, SSS06,  
STS10, SJ06, SWF+16, SH00b,  
VAB12, WL08, WC09,  
WC10, WM13b, WPB+11, vWPS96].

Extrafoveal  
[TUG17]. Extrema  
[IK95].

Extremum  
[TN13, XHT+07]. Extruded  
[SM09, SM11]. Eye  
[AJ17, AAM+12, AABW12, BPS13,  
BKH+11, DTT+17, FGBB09, JA18,  
KDX+12, KW13,  
KHH+16, KHSW17, LMD12, MSM+11,  
NBW14, OTKS15, OIR+17, WXY17].

Eye-Controlled  
[OTKS15]. Eye-Mark  
[MSM+11]. Eye-Trackerd  
[OIR+17].

Eye-Tracking  
[AJ17, JA18, KW13]. Eyes  
[KRH18].

Fabricating  
[AIS18]. Fabrics  
[BBZ+13]. Facade  
[AYRW09]. Facades  
[FWZQ13].

Face  
[KEP08, LJJZ12, PZ07, PQF+09, SLS+17].

Face-Centered  
[KEP08, PQF+09]. Faced  
[ZCFL15]. FaceForge  
[SL+17]. Faces  
[FBL05]. FacetAtlas  
[CSL+10]. Faceted  
[DRRD12, WMA+16, ZCBB13]. FacetMap  
[SCM+06].

FaceWarehouse  
[CWZ+14].

Facial  
[ADDG12, BZS+13, CWZ+14,  
DNL+06, LZD13, WHM14, ZPS04,  
ZLG+06]. Facilitate  
[BHP+12, SPB08]. Facilitating  
[LDZF14, SS18, ZCBB12]. Factor  
[TLH12].

Factors  
[XMR17]. Factorization  
[CLRP13, EGG+12, Lae96, ZPP05]. Factors  
[DBP14, TM04, WG12, ZOC+13]. Faithful  
[Hu16a]. Familiar  
[LPCC17]. Familiarity  
[DLW+17]. Families  
[KMG+06, MGKH09].

Family  
[FDC+18]. Farewell  
[Ebe07, Ert11a, Hag03, Lin15].

Farms  
[SOL+13]. Fast  
[BYA15, CF10, CK10,  
Cse13, DMR04, DL03, Dru08, ERL+13,  
Fau09, GJ10, GSM+14, GLM06, GJR+14,  
Har16, HKH+12, HK09, IYK01, IYK04,  
IMS15, JvdLR13, KSDA16, KNP04,  
KGS98, KL07, KTCG17, LH03, LYS+10,  
LRZM11, LRO6, LSC08, MRT00, NB95,  
OBNN17, PB13, PNM08, RLH11, SM04,  
SPP+14, SK00, SZH97, Ste98, SMRL07,  
TCM+12, VML97, Vis15, Wal12,  
Wu16, WHL16, XLND11, YYY16,  
Zag96, XWL+15].

Fast-Forward  
[HKH+12].

Fast-Turnaround  
[NB95]. Faster  
[AMA11, BHB04, GU00, HH10, HL09,  
WFM+05].

Fault  
[WCB+12]. Fauxvea  
[GJC+17].

Favre  
[MFS+09]. Feasibility  
[SB14].

Feature  
[AFRS05, BKL+11, CCM+13b,  
CRT04, CMN13, CSCO6, CTJMO5, DANS10,  
DANS10].
FYP10, GKK+12, HLRS+08, HYB+17, KHL99, KPB14, LZH+07, LWCS96, LH09, LWZ+16, LDC16, MWC09, MK13a, MDM10, MOG11, PYW+16, PSR17, RKWH12, RGC+14, SYM14, SM17, SS06b, SRM07, VKG05, Wan06, WLM11, WSW16, WTV11, WMK13, WMGE12, ZAM11, vWPS96, CJR07, LSC08.

**Feature-Based**
[BKL+11, MK13a, RGC+14],

**Feature-Driven** [WME12],

**Feature-Insensitive** [AFRS05, Wan06],

**Feature-Preserving**
[FYP10, LDC16, SRM07, WLM11],

**Features** [AMA07, CC08, DW14, DS16b, EHBA11, GK95, GDB07, KY06, LT11, LIFL08, MPWG12, QM16, SW97, WLL+05, WSPVJ11, WFS+16, YON06, LSC08].

**Feed** [PSM06, WXP14].

**Feed-Forward**
[WWZP14].

**Feedback** [BKA+11, HOG+12, KF06, RB11, WWL+10].

**Feels** [GLM+17].

**Feiner** [ANO14d].

**Felix** [SPN+16].

**FEM** [JDSR+18].

**Fetus** [MKM+17].

**FI3D** [YSI+10].

**Fiber**
[BWW+17, BVPHR09, EBB+15, JDL09, KTCE17, TC17, WKI+17, ZCL08].

**Fiber-Clustering**
[ZCL08].

**Fibers** [CDZ+09, SSC+16, SS08].

**Fibrous** [MMYK06].

**Fidelity** [BZGV14, CPK+05, HWA15, LBS14, MWR06, MBZ12, RPHI08, SHC+09, VBC+16].

**Fiducials** [HR11].

**Field**
[ANO05c, AN14h, BES12, BW08a, CML+07, DANS10, DGBW09, DRR00, DTT+17, FBW16, FCL09, FSE12, GPR+01, IK15, IAIK16, IMS15, JDSR+18, JHW+14, KDBB17, LJX+10, LKJ+05, LKC9a, LH16, LHHL1, LBZ+11, LL04, LPG15, MK13b, PW05, PLC+11a, PBL10, PGL+12, RKB13, RKL+15, RLL+13, RBDG15, RT12, SKMR98, SZH97, TN11, USE13, WLL+05, WSY07, WLHD17, WZF+04, WT10a, YHL08, YCLJ12, YLK12, YNB11, YXM+15, Zag96, ZHT07, LLRR08, WSW16].

**Field-Guided** [LBZ+11].

**Fields**
[AZC+12, BGT12, BZGV14, BSH15, CMZ08, CKW+12, CLB11, DHL09, ES05, FA15, GPR+01, GTK+08, GY02, GJR+14, GYK+16, GDN+07, HA04, HE06, HLL+17, HVSW11, HNN+03, JBS06, KL14a, KWH00, LPPK12, LJJ04, LVRL06, LCS06, LTWH08, LJHY14, LFR03, MBS+04, MCHM10, NKH11, NKH14, NJ99, NLS11, NDS10, PQMCR17, PZ11, PYW+16, PvdBC+11, PMW13, RKG+11, RKWH12, SCT+10, SHM+07, SWC+08, SK08, SLB04, SWCR15, SR+16, SCKR08, SBW17, SH00b, SZ12, SS13b, TWHS05, TN13, TN14, TP12, TKW08, WC09, WC10, WTV11, Wen14, WJE01, WP05, WGS07b, WPL96, YQK+17, ZWZ+13, ZSL+16, ZBG+17, ZPP05, vLDL03].

**Fighting** [VF13].

**Figure**
[KCC+17].

**Figure-Ground** [KCC+17].

**Figures** [LYY+16a].

**Filament**
[LSY+18, MK09].

**Filament-Mesh** [LSY+18].

**Filaments** [SPN+16, ZW07].

**Files** [BSO+12],

**Filesystem** [BYB+13].

**Filling** [BB12, MSSH14, MM08, Wen14, WFM+12, DSF+14].

**Film** [YNY06].

**Films** [LHC16, VAW+17].

**Filter**
[BC12, CC08].

**Filtered**
[ASD14, LKC09a, SP07, Wen10].

**Filtering**
[BTH+13, DMR04, JWD+14, NHPN14, RML12, SJ06, SBE+15, TLQ+08, WC09, WC10, WYP+15, WDC08, ZFAT11].

**Filters** [LS02, MMMY97, SCKR08].

**Finding**
[AGI+16a, BOZ+14, KHW+09, TWSW+11].

**Findings**
[JHKH13, KHW+12].

**Fine**
[DWB06].

**Fine-grained** [DWB06].

**Finger**
[JNC+15].

**Fingers** [TMD015].

**Finite**
[AWB11, BGT12, BTB+04, BSL+12, FSHH12, GT17, GHP+16, MKW07, NKH11, NLKH12, NKH14, SMB+06, WBH04, XHF12].

**Finite-Time**
[BGT12, GT17, GHP+16].

**First**
[BYA15, MAW11, NO97, TMM+13].

**First-Person** [TMM+13].

**Fishes** [BDSS18].
Fisheye
[BRG06, CLB+16, GKN05, WHL+12].

Fishtank [DJK+06, FFK+08]. Fit [TTR10].


Fixed-Rate [Lin14f]. Flame [YL18].

Flames [BWP+10]. Flat [NWHWD16]. Flat-Shaded [NWHWD16]. Flatting [GS+13, PMCS11, SFH06, SF04, ZKK02].

FMDA [HLG+14]. Flexibility [BPG12].

Flexible [BG07, CVW11, CCS12, KLKS10, KS02, PS06, PHF07, SLB04]. Flexibly [HOG+12]. Flicker [WLB+14]. Flight [KWDG11]. Flip [GK+17]. Floating [FM12a, Gor02, LI06, Lin14f].

Floating-Point [FM12a, LI06, Lin14f].

Flooding [KWS+14]. Flooded [RWF+13].

Floorplan [SWF+16]. Flow [AHK+17, AI11, ANol14h, BS95, BT13, BB07, BJ+12, BPB14, BPM+13, BMST97, BPS+11, BSV11, BHSH15, CMF+13, COJ15, CDR+18, DMC+12, ES01, FC95, FP+08, GGG107, GNNBP11, GST16, Guo91, GZL+14, GZ14, HA16, HEWK03, HLW11, HLG+14, HZ13, HPC+13, JKL080, JEH02, JCG08, JM10, KLCC9, KSG+16, KHS+18, KJJ+18, KM96, KGP+13, KG90, KG+12, LvaWJH04, LGV+16, LM05, LCS+12, MEB+14, OJ12, OJJC16, PW95, PH07, PW13, RRWW12, RLL+13, RC06, SPS06, SMM13, SYM14, SBV+11, SWR+13, SHM+07, SPC+08, SPO+12, SK98, TMW13, TWS14, TWS16, VP04c, WRF+11, WZFT04, WTVP11, WE07, Wen14, WGS07b, WG12, WT10b, WYM12, XL510, YDGM17, YLK12, YS17, ZL09, ZWZ+13, ZT09, vPBB+10, vPBB+11, vFWTS08, CRI06, LTWH08]. Flow-Based [DWC+12, KLCC9]. Flow-Sensitive [KGG+12]. FLOWLENS [GNBP11].

Flows [CVC10, CF95, GT17, GHP+16, HPAW07, KKKW05, LCC+17, SHVV16, SvdBLM11, VHL14, WSTH07, WS01].

FlowVizMenu [VMCJ10]. Fluid [AB06, ATT12, BT09, CMF12, DRW16, GRRH13, GGG107, KWC+10, LGS+11, LTF08, VHL14, YESK95, ZWJ12].

Fluids [BB07, BK17, BLS12, CMH11, HMT10, KA+07, MEB+14, PT17, ySKK07]. Flux [GPP+16]. Fly [ZD18]. FlyAR [ZLHR14].

Flythrough [CORSRL96]. Foam [KLCK17, LLC11]. FoamVis [LLC11].

Focal [BE06, IMS15]. Focus [CWK+07, DSP+17, HFS+12, GNB11, HS11, LHC10, QWC+09, TWSK14, TS08, VFSG06, WLT08, WC11, WWLM11, WP16b, ZZG+12, vLBB16, zBBK14, Kin10, NH06].

Focus-and-Context [GNBP11, zBBK14]. Focus-Dependent [CWK+07]. Focused [BDW+08]. Focusing [BW00, GDD17].

Fold [NM17]. Folding [BSH+16, ERHRT10]. Foldover [MZ15].

Foldover-Free [MZ15]. Folks [GJZ+12].


Forcing [BT09]. Forecast [FKR17, HMZ+14, KTB+18].

Forecasting [MHR+11]. Forecasts [QM16].

Foreground [LLC15]. Forensics [AERA14].


Forward [CML13, HK+12, PSM06, VXK14].

Four [BVW+07, HB13, SBZ+09, TSA14].

Fourier [ES05, DNP07]. Foursquare [KTE15].

Fractal [CHF95, CHF96, KW10].

Fractals [VML97]. Fractional [KBV17].

Fracture [AHK+17, GMD13, Vis15].

Fracturing [BHTF07, GMM+14]. Frame [HM95, JHW+14, KPR+15, MPT03, SSB+17]. Frame-Rate [SSB+17].
Frame-to-Frame [MPT03]. Frameless [FSTG16, PK16]. Frames [SWTH07, SM17].

Framework
[AT05, Bac07, BKDE00, BDSW13, BC12, BTS+18, CJ10, CVG13, CMPC06, CC12, DiV15, DK11b, DNN13, EMP09, EASS+18, GKM+15, HMZ+14, JKM07, Lam08, LP02, LNS08, MMH+13, MMAM14, MP13, NM13, NDR96, PHF07, QT96, QK04, RESC16, RRJH18, SE17, SMB+06, SHB+14, SS06b, SPN+16, SLK+17b, SNR14, THM15, TWSK14, TCM10, VPF15, WJA+17, WSD+13, WWS+18, WLLM13, XHT+07, XLS10, YYY16, YDC+14, YS17, ZAM11, ZKG07, FH10]. Frameworks [BVW+07, CAN14]. Framing [HD11].

Fracturings [MAF11]. Fraudulent [LG+18]. Free [AL11, BK17, DQ07, ELF13, FvdPT97, GD01, JHGH08, KV98, LLB+06, LDX0, LLLC12, MZX15, MSM+11, OMD+12, RSB96, SH00a, SK99, Stü88, TYSN06, Wan08, LGV+16]. Free-Form [AL11, DQ07, FvdPT97, GD01, RSB96, Stü98]. Free-Viewpoint [LDX10].


Friction [SSIF09]. Frictional [SLNB11]. Friendly [VPF15]. Frills [Ano11c].

FromDaDy [HTC09]. Front [Ano09e, Ano11h, Ano14i, Ano15f, Ano15g, Ano16i, Ano16j, Ano11j]. Fronts [ZK14a].

Frustrum [CLT+08, WHL16, LCM07, CLT+08]. Frustrum-Traced [WH16]. FTMS [BvL06]. Full [AdLH13, KFL+15, LWP+06, TZL+12, WLL+16]. Full-Body [AdLH13].

Function [BMWM06, Gor02, IWR+18, KMG+06, LWS+17, MWCE09, MJW+13, SKK06, SG09, Sel15, SP96, WZK12, WQ07, ZWZD15, ZT09]. Functional

[BKDE00, BSL+14, DWBR06, FCSF17, HPNT18, JV09, JEG12, LSZ+18, MF11, VAW+17, WSSL12, tCMR08]. Functions [BEHP04, CR08, CM08, CM11, EMRY02, FGF+05, GBPW10, GQGP17, GNP+06, GNPH07, JWD+14, KM96, KKH02, LF97, LHLW10, LLL+12, LLL+10, LHZ+04, LLY06, NHPN14, RE01a, SCT06, SSC+16, XJF+08, YCLJ12, ZDW+05, vAPP+11].


Galaxy [MQF06]. Galleries [JFY16].

Galvanoscopic [PWG17, WG16]. Game [CW12, CB15, MBZB12]. Game-Based [CW12].

Games [AZM12, BEJK12, Chi16, GW13, LXC+17, MH10, MY14, OA11, SK16a, SW17, VW12].


Gaussian [AIAK16, JHGH08, LLD11].


Gaze [GJC+17, GLB16, KHH+16, MSM+11, RKC+16, RRD+13, SKYS14, SLK+17].

GazeDx [SLK+17b]. GazeVis [SKYS14].

GDSPM [BK11]. Gel [LLB+06].

Gel-Free [LLB+06]. Gene [DWvW12, FM13, KLK+09, YDC+14].

Genealogies [BDF+10]. GeneaQuilts [BDF+10]. General. General [CLA09, GRT17, GU000, IKLW14, LS02, LP02, MM11, MHDG11, PRA+10, WBE+06, YNM15, ZHGH11]. Generality [GBHP08].

Generalization [AA11, MKW14].
[BDHJ04, CCM13a, GMD+16, HB13, IHR01, IML13, JR07, LLWQ13, LWZ+16, QLLM13, TP12, VvWvdL06, WTS+07]. **Generate** [HIK05]. **Generated** [DLF+09, JDA+11, vHR08]. **Generating** [DC17, KNP04, KCC+17, SG09, SRHZ11, THM15, WFM+06, WHM14, ZFL17]. **Generation** [ALM11, BB09, BMW17, CK05a, CCM11, ERL+13, GKL, HW95, IYK01, KLM+08, KDBB17, KBH13, LS07b, LML+18, MWCE09, NLS11, SSS+14, SRML09, TLLH12, VABW09, WZC+15, ZZL+15, ZT09]. **Generations** [FDC+18]. **Generative** [LSC+18]. **Generators** [LMD12]. **Generic** [DH02, GW06, HPJG08, VCP08]. **Genes** [SAB+16]. **GeneShelf** [KLK+09]. **Genetics** [NKHC08]. **Genome** [BGM+17, LBK+18, NJB09]. **Genomes** [WWFT03]. **Genomic** [ADG11, ORRL10]. **Genetet** [YDC+14]. **Genus** [RvWT08]. **Geo** [CYW+16, PSKN06]. **Geo-spatial** [PSKN06]. **Geo-tagged** [CYW+16]. **GeoBuilder** [WTL+09]. **Geodemographics** [SDW11]. **Geodesic** [DDL14, HLD+08, PZLZ17, WT10b, XHF12, XWL+15, YSS+12]. **Geographic** [Fis07]. **Geographical** [TSH+14]. **Geographically** [DB07, YDGM17]. **Geographically-Embedded** [YDGM17]. **Geography** [GDST16]. **Geologic** [CRB+05]. **Geometric** [AIS18, BDK98, BMPB08, BGK11, BGR06, CGL+17, CZN+11, CCM+13b, DBM+06, DQ07, GNCM+16, HOT98, HZHZ17, HLYL18, KBB+12, LM96, MTB17, PWG17, QT96, RF11, SK99, TD05, TL07, WHR02, WTL+09, YMN15, ZHL+09]. **Geometric-Semantic** [BGR06]. **Geometrically** [FST+14, LSS+15]. **Geometrically-Correct** [FST+14]. **Geometry** [BSS+13, BDHJ04, BBK07, BW08c, CZQ+08, DMC+12, DlL14, FH16, GB12, GKL+16, HDJ05, KV03, KSY16, KV08, LHV06, LBZ+11, LJZ12, MCK12, MDS16, PH08, RYKL13, RNK+15, SMG+13, SCOIT05, VB13, YLO8, ZLG+06]. **Geometry-Aware** [SCOIT05]. **Geometry-Based** [CZQ+08]. **Geometry-Driven** [ZLG+06]. **Geometry-Dependent** [LHV06]. **Geometry-Invariant** [RYKL13]. **Geophysical** [KSDD14, WPB+11]. **Geoscientific** [USKD12]. **Geospatial** [BDW+08, TMH+10]. **Geotagged** [JHR10]. **Geovisualization** [KMM+13, LD11b, Rot13, WDSC07]. **Geovisualizations** [GR15]. **Geriatric** [MMH+13]. **Get** [GMY11]. **Getting** [RGFLL14]. **Gibbs** [VML97]. **Gigantic** [YSGM05]. **Gigapixel** [PK13, PST+15]. **GIS** [WSLL12]. **Given** [KCA16]. **GLO-4D** [CFHH09]. **Glimmer** [HE99]. **Glass** [Bro06]. **Glimmer** [IMO09]. **GLO** [SKL+14]. **GLO-STIX** [SKL+14]. **Global** [GLB+06, JKY12, JY17, KSY14, KGPB05, KPR+14, LWZ+16, LSPW12, NXSL13, NPPZ12, NDR96, PSKN06, QXF+07, RvWT08, SII95, SS95, VARS14, WWFT03, WPSH06]. **Globally** [LBG+08, SJB10, ZM13]. **Globbing** [GHA+08]. **Globe** [BAB+18]. **Glossy** [WKX14]. **Glymph** [DTW+15, KW06, KBBH13, MRSS+12, MSSD+08, TLS17, ZSL+16]. **Glyph-Based** [DTW+15, MSSID+08, ZSL+16]. **GlyphLens** [TLS17]. **Glyphs** [FIB+14, FIBK17, GRT17, HLNW11, JKM06, PW13, SK10, SBW17, WPL96]. **Goals** [LTRM18, SKY12]. **God** [ORC07]. **God-Object** [ORC07]. **Gödel** [GB08a]. **Going** [BOP15]. **Good** [BTS+18]. **Gosper** [AHL+13]. **GosperMap** [AHL+13]. **GPLOM** [IML13]. **GPU** [BC12, BF11, BW06, GW06, GWBO12, GN12, HSZ+11, IMO09, KKM+09, KM11, KPKS08, LBG+16, LQX14, LCDP13, MN07, NKK11, NKK14, PR17, PFK07, QCT13, RZHB+08].
RKSH11, RLW+11, SMP11, SR17, SN10, SHC+09, WX13, WZC+15, WAG+12, WJR+13, vAPP+11, vPVvdW10.

**GPU-Accelerated** [BC12, KMH11, PSR17].

**GPU-Assisted** [RLW+11].

**GPU-Based** [CK11, NKH11, NKH14, vAPP+11, vPVvdW10, CFHH09, PFK07, RKSH11].

**GPU** [GPC+17, HL09, KL14a, KM16, ME09, MGI4, VHBS16].

**GRACE** [MMH+13].

**Gradient** [AMC10, BHST17, BLM96, CHM11, GAMD10, GWK12, HAM11, IVJ12, POD+13, ZZL+15].

**Gradient-Based** [BHST17, POD+13, ZZL+15].

**Gradients** [PT17, PMW13].

**Grammar** [DC17, SMWH17].

**Grammar-based** [DC17].

**Grammars** [ARB07, LBZ+11].

**Granular** [GSL+17, MSW+08].

**Graph** [AvHK06, AHK+17, AHKMF11, AMA07, AMA08, BMGK08, BV+11, CZQ+08, DDGL07, DLI+09, EHP+11, FWSL12, FTO7, FT08, FT09, GH11, GLT15, HM00, HZM+16, HEP+14, IK95, JHH+10, KKC15, KHZR18, KMLM16, KCM18, LWZ+16, LL11, MWSJ14, MM08, NHEM17, PFE+18, PBC17, PPP12, SNG+17, SD12, SKL+14, VB16, VJC09, WWB+13, WS+16, WHZ+18, WSS+18, WFC+06, WCA+17, XCR+12, YCHZ12, ZGB+17, ZBW08, hVR08, vHP09].

**Graph-Based** [HZA+16, MWSJ14, ZGB+17].

**Graph-Cuts** [WWB+13].

**Graph-Level** [SKL+14].

**GraphDiaries** [BFP14].

**Graphic** [DWA10, OAH14].

**Graphical** [BH09, HMSA08, HFMC12, HKK18, IIS14, JME10, KA12, MB01, RMW09, SRE18, VB18, WCHB10, BDM+17].

**Graphics** [AD12, Ano12h, Ano13j, Ano13k, Ano14j, Ano14k, Ano14l, Ano16k, Ano16l, BW17, CW11, DNP07, DB07, GW13, GBW17, GLM06, HE12, HR07b, HLM10, Hub95, JvdLR13, Kas12, KSL+17, LS07a, MH10, MY14, MMCE09, MFS+09, OA11, PZ12, QMK+06, QK04, SK16a, SMWH17, SVW98, S117a, S117b, S118, SDW11, SR00, SW17, VW12, YSL+13, Ano14c, Ano15a, Ano16f, Ano16a, KHE09, Ano17e, Ano18a].

**Graphiti** [SPEB18].

**Graphitic** [GKL+16].

**Graphs** [APP11, AMA11, BW11, BBD+11, BBD+11, BW08c, CHK04, CK10, DN12, DN13, DKK06a, DKK06b, DRMM13, GKN05, GWP+16, HBW14, KMG+06, KG06, MK13a, OKS16, PV06, RM13, STH06, SAC+08, SS13b, TN13, WMF+06, WFM+12, WS+16, WSS+18, YLZ+13, ZGB+17, ZGI+18, ZBDS12, vLdL03, vldZCT16, vLB0+16, TGSP09].

**GraphSplatting** [vLdL03].

**GraphView** [AvHK06].

**Grasp** [LFP07].

**Grasping** [PB16].

**Gravity** [KCT+17, YQK+17].

**Gravity-Reduced** [KCT+17].

**Gregory** [Ano13e].

**Gremlin** [ORRL10].

**Grid** [BH07, GW06, GIK+07, HNM14, MHDH07, WSM+09, YDG+16].

**Grids** [BCS11, BS11, CBPS06, Dic14, FC95, GJ10, IHR01, MSHC09, MHG11, SS06, SM97, USM96, GN12].

**Grotto** [KLYE13].

**Grounded** [KHE17, LB17, PGI+17, ZBY14].

**Group** [AAB+13, BKK13, FGF+14, JRHT14, SSKB14, tCMR08].

**Group-to-Group** [BKK13].

**Grouped** [YDG+16].

**Grouper** [LGLR14].

**Grouping** [BW14, YES95, GSL14].

**Groups** [BOP15, DSC+08, KCO12, ZCH12].

**GrouseFlocks** [AMA08].

**Growing** [MDS16].

**Growth** [BMJK09].

**Guarantees** [BL14].

**Guest** [CKSB14, DW17, GKR14, KRTvW06, MY14, OO15, SGR06, SW06, AD12, Ano12g, Ano13o, Ano14o, Ano15m, Ano16p, Ano16q, BvdP12, BDC17, BHT15, BK11, BLRW05, CCH14, CLS07, CW11, CJK12, CLS13b, DFQ12, DLM+12, Ebe00, Ert10c, FB07, GKK15, GW13, GMM05, HK10, HGY16, HKQ13, HP04, HLM10, ILMH12, Joy02, JLS15, KMN04, KS14a].
Guidance [KSL].

Guides [KSL17].

Hair [CZZ17a, WBK+07, YJL+15].

Hair-Solid [CZZ17a].

Hairball [IBM+14].

Hairstyle [CK05a].

Noisy [BES12].

Halves [OHT13].

Halos [BG07, EBR109].

Hamilton [JFTW07].

Hand [BSB+18, CLL08, CLAL12, CGB+13].

Hand-Drawn [CLAL12].

Handled [ZJH+11].

Handles [ZHR14].

Handling [CMF12, CRPH10, HDBC15, PLW12, SH12].

Handoff [ZGI+18].

Hands [MUS16].

Hands-On [MUS16].

Haptic [AB01, CMHL11, CGB+13, DDKA06, EPS+15, FM06, GLM+17, JAO+14, JWCO5, KFN06, LA11, MTS07, ORC07, PCY08, PIS15, SO17, UK12, WZW+05, ZK17, ZH07].

Haptics [BLRW05, HBKS09, HQ04, STH13].

Haptics-Based [HQ04].

Hard [LYY08, WHL16].

Hardware [CICS05, FM07, GLM06, GU000, JvdLR13, JFTW07, LMC02, MK09, QMK+06, SPM+13, SR00, WWL07, WKME03].

Hardware-accelerated [FM07].

Hardware-Assisted [CICS05, LMC02].

Hardware-Based [WKME03].

Harmful [CG14].

Harmonic [YCLJ12].

Harmonics [BZGV14, LLW06, LPG12, ZTZX13, ZT09].

Harmonization [FCZ15].

Harnessing [McK09].

HART [NKP+15].

Hashedcubes [PSSC17].

Hasse [CDK15].

Hazard [Zha14].

HDF5 [BSO+12].

Head [CDK+17, DFG+14, HWHK16, HRISI15, HV00, IK15, IDAK15, IA1K16, KBB+12, Kra16, LCR16, LMD12, LH16, LHC10, MZH+08, MIO+15, diJOBNM17, OTKS15, PIN+15, PGI+17, RKS13, RSB17, SGQ16, SBK+11, KNR17].

Head-and-Eye [LMD12].

Head-Mounted [CDK+17, HRISI15, IK15, IDAK15, IA1K16, KBB+12, Kra16, LCR16, LH16, LHC10, MIO+15, diJOBNM17, PIN+15, PGI+17, SBK+11].

Head-Driven [HWHK16].

Head-Worn [DFG+14].

Heads [DH08].

Health [HHO+17, KKL+16, MIO+17].

Healthcare [ZWA+13].

Heart [GBP+11].

Heat [GWK12, GSZ+13, KL17, ZF+07].

Height [RES12, GYO2].

Height-Field [RES12].

Heightfield [CMK15].

Helmholtz [BNPB13a, BNPB13b, BPB14, PPL+18].

Hemicubes [Max95b].

Hemodynamic [GLV+12].

Hemodynamics [MVB+17, OJCJP16].

Heritage [LTPH17].

Hertz [BDF16].

Hessian [ZPP05].

Heterogeneity [HCP+15].

Heterogeneous [AWB11, CDC+07, CCQ+14, GSA+09, HKC+12, KMDH11, KLL+13, KSY14, LPCC17, SMER06, SSL+12, Vis15].

Heuristic [BNB+13].

Hex [MCK12].

Hex-Based [MCK12].

Hexagonal [LLW15, NPMZ12].

Hexahedral [DGW11, DC14].

Hexahedralization [JHW+14].

Hi [ETO+10].

Hi-Trees [MVS+11].

Hidden [DW14, RFFT17, SPGR18].

Hiding [KSNY17].

Hierarchical [AHL+13, Bac07, BKM13, BWK+13, CLCQ12, CDS+12, CLWW14, EF10, FKR17, GW11, HSW11, HPU+18, Hol06, IVJ12, IYIK04, KHD02, KTM14, LBGV13, MV06, MB01].
Hierarchically [FWR00].

Hierarchical Topics [DYW+13].

Hierarchies [AMA11, DYW+13, GHJ+98, GGPPS13, HDJ05, KSH03, KMKY10, KHM+98, SHS11b, VBW16, WD09, WD10].

High [ALM11, Ano09b, BMR01, BHW07, BZGV14, BSL+12, BVLO6, ChLYL09, CPK+05, CAN14, CF10, Cse13, DAW13, DK11b, FAW10, GPL+11, GBPW10, GS14, HBKS09, HE06, HB14, HAM11, KPR+15, KB14, KHZ18, LRP97, LAM10, LYS+10, LMZ+14, LKL+15, LJL04, LT16, LBH18, LWW+07, LCDP13, LMW+17, MCK12, MNKW07, MSHC99, NB95, NM13, OHJ+11, PNML08, RZHB+08, RPHI08, SKK06, SSB+17, SSS06, SSIF09, SS06b, SRCP02, SRCP03, SHC+09, SB14, SPW07, SLW+10, SJK+12, TAE+11, TFH11, TLLH12, TKBH17, WJ08, WSPVJ11, WM13a, WM18, WD09, WAG06, WSM98, WPS+16, WDW16, XYC+18, YHJ+17, YDG+16, YNCP06, YRWG13, ZK06, vAPP+11].

High-Density [LBH18].

High-Dimensional [ALM11, BvL06, BBG+09, CHY18, CHLYL09, CPK+05, CAN14, CF10, Cse13, DAW13, BSL+12, MCK12, MNKW07, NKH11, NLKH12, NKKH14].

High-Order [DK11b].

High-Pressure [SB14].

High-Quality [Ano09b, BMRO01, BHW07, CF10, Cse13, FAW10, HE06, HB14, HAM11, LYS+10, KKL+15, LJL04, LCPD13, MSHC99, NW11, RZIB+08, RPHI08, SS06, SJK+12, YDG+16, ZK06].

High-Relief [YHJ+17].

High-Resolution [CAN14, KHZR18, SSIF09, WJ08, WPS+16, WD16].

Higher [BBG+09, LVRL06, SCT06, SM+06, SW13, TLM05, ZG06].

Highlighting [AHKMF11, GR15, SOK+16a, SOK+16b].

Highly [PT17, SPP+14].

Hilbert [TC13].

HindSight [FDPH17].

HiPiler [LBK+18].

HiPP [PM08].

Histogram [SRML09].

Histograms [CBB06, CM11, DCM13, GPL+11, IVJ12, LS13b, LLY06, SW13, ZG06].

Historical [KZD+10].

Histories [AAM+12, BSSB10, HMSA08, TRd12].

History [CDW+16, FDPH17, WSK07, SSIF09].

History-Based [SSIF09].

Historygrams [JKRY12].

HMD [LHH16].

Hockey [PSBS12].

Hodge [BNPB13a, BNPB13b, BPB14, PPL+10].

HOLA [KDMW16].

Holograms [HAGS16].

Holographic [ZKG07].

Homography [NFS+17].

Homotopy [LM96].

Hong [QCX+07].

Horizon [Ste98].

Horologium [MQF06].

Horologium-Reticulum [MQF06].

Hotel [WWL+10].

Hotmap [Fis07].

Hotspots [MRH+10, MRH+11].

HPC [BSO+12].

HRTF [SNM16].

HRTF-based [SNM16].

HTDs [WRH02].

Hub [QMK+06].

Hub-based [QMK+06].

Hue [CWM09b, KGZ+12].

Hue-Preserving [CWM09b, KGZ+12].

Human [CMRS03].

Hull [FYZ+17, GCT17, HS13a, LGS12, WPZ+11].

Hulls [BWC04].
I3D
[GW13, SK16a, SW17, MH10, O015, OAI1].


[Ano14j, DFQ12, ILMH12, Ano11i, Ano12e, Ano12g, Ano12h, Ano13j, Ano13k, Ano14c, Ano14j, Ano14k, Ano14l, Ano15a, Ano16f, Ano16a, Ano16k, Ano16l, Ano17k, BHGK14, BHTY15, CR08, CCH14, CLS13a, DS17a, DW17, EDF08, Ert10c, GMM05, HLY16, HKQ13, IHK+17, Joy02, JLS15, KE09, KKL11, KHSB11, LSCN09, LST+16, MW13, NSvW11, RvWT05, S117a, S117b, S118, vWMT04, vW11, Ano17e, Ano18a]. iForum [FZCQ17]. Illuminated [SZH97, ZM13]. Illuminating [EDK10]. Illumination [AZD17, BB09, BKA+11, BZGV14, DWB+06, HXF+15, JKR12, JY17, KSY14, KGPB05, KPR+14, KJL+12, LR11, MBI18a, NW10, NDR96, QXF+07, RBDG15, RJG17, S1M11, S1l95, SS95, SY11, WB08, WSE07, WLDW11, WPSH06]. Illusion [SNB+17]. Illusions [BSWL12]. Illustrate [LSM03]. Illustrating [PGT+08]. Illustration [BPG12, CYZ+09, CSC06, JCRS09, KZL07, RE01b, RHD+06, SE019, ZHX+11].

Illustration-Inspired [JCRS09, SE019]. Illustrations [Elb98, LCC17]. Illustrative [BWF+10, BGK06, CFM+13, CSC07, EBR109, HGH+10, LMT+03, RBG07, WGM+08, WBE+06, XHT+07, vVvdW10]. Image [Ano10c, ADP02, BW03, BW04, BB+17, BVW+07, BS02, BCT10, Bro06, CTM+13, CAH+13, CMSW04, DMC+12, DM04, DZL+14, DWK+16, DL03, DHM13b, EHA11, FWZQ13, FTB+13, FGBB09, FWT+04, FZC+07, GO15, GPC+17, GSPJ08, GDKB17, HKC+12, HSR13a, HSR13b, HSSK16, HLD+08, HPC+13, IHK05, IDW+13, JST+10, KLC09, KSY16, KOJC12, KCS+16, KOJL+14, KHPS07, KOF08, KHH+16, LBD13, LvWJH04, LR06, LSW06, LG13, LS07b, LSW17, LLG17, LHFY12, LCC15, LR11, LY12, LSS+15, MS08, ME09, NZS+17, NDR96, PJ03, PGL+12, PBC11, PPM+11, PMD+07, SGB13, SSB+17, SZ15, SK13, SKP07, SY11, TWSM+11, Vas16, WW07, WGS07a, WWC+14, WFS+16, WJR+13,
Industry-Scale [KAKC18]. Inertial
[GT14, GT17, SJJ17]. Inference
[BK12, BDM+17, WCHB10].
Inference-Based [BK12]. Inferred
[ZDJ+09]. Inferring [EFN12, VABW09].
Infill [WAWS18]. Infinite
[Bai13, MCA+10]. Infinity [RS12].
Influence [FBL+18, FIB+14, HW12, LR11].
Influences [BGC+11]. Informographics
[BAW16]. Inform [GS08]. Informal
[BHP+12]. Informatics [ZWA+13].
Information [AJ17, AS05, Ano11a, Ano11b,
Bac07, BKDE00, BI12, BSDW13, BEDF16,
BBB+12, BE09, CLS+12, CJ10, DBD17,
DCCW08, DRRD12, DLR09, ED07, EDF08,
EF10, FWR00, GTS10, GTS11, HW12,
HA06b, HMM00, HSC08, IC07, IIS14, JH13,
JHKK13, JS98, JRHT14, Kei02, KCA16,
KSL+17, KJW+18, KC14, LMK07, Lam08,
LBI+12, LIRC12, LKH+16, LNS08, LS10,
ME09, McK09, MTW+12, PSM07,
QWC+09, RHY14, RNE+17, SHM10,
SMO+13, SPB08, SLQW17, TTR10, TIC09,
WZ08, WII+12, XLS10, YaKSJ07, ZWA+13,
ZCW+14, ZK08, vWN04, GLS17, HSKI10].
Information-Aware [BDSW13].
Information-Theoretic [XLS10, CJ10].
Informational [BW14]. Informative
[ZAM11]. Informed [DJ18, FA15]. InfoVis
[Ano09e, WCHB10, Ano09d, HFM16,
HAS11, KNMO4, SW06, WM05, HA17].
InfoVis2009 [CWDH09].
InfoVis2009-1115 [CWDH09].
Infrastructure
[BLO+05, KZX+14, PAB+08]. INFUSE
[KPB14]. Inhomogeneous
[LSS+11, SKLU+11]. Initial [BE18].
Initialization [APV+15, SG09]. Initiative
[HKR+08, WDC+18]. Injection [MGJH08].
Injector [MGJ+10]. Ink [WW07].
Innovation [Min13]. Inpainting
[HB+14, KSY16]. Input
[KZL07, YEII12, YCHZ12]. Insect
[KWDG11]. Insensitive [AFRS05, Wan06].
Inset [CLCQ12]. Insight
[GGZL16, PFG08, SND05, SNLD06].
Insight-Based [PF08, SND05, SNLD06].
Insights [GGZL16, KBGE11]. Inspired
[FCSF17, JCRS09, MZH+08, NM13, RD05,
SEA09, TFJ12, ZLDM16, vFWTS08].
Instabilities [LBM+06]. Instant
[APV+15, HKL17, KAK+18]. Instructions
[ZWBH13]. Integer [NW11, WJR+13].
Integral [FW08, FC95, GTK+08, HGH+10,
LS13b, LDN11, LM05, MBH+12, PLK12,
SK98, Sun03, TKTN09, WH09]. Integrality
[MC12]. Integrals [WPC+13]. Integrate
[MDG00]. Integrated [GAMD10, MMH+13,
RSD+13, SOL+16, Wall2]. Integrating
[DQ07, DCM13, OSS+17]. Integration
[CSC+11, CWT+08, CGB+13, FM04,
HSW11, JYC+10, KPR+15, KBGE11,
SCHR08]. Integrator [GS+15]. Intel
[BBW+12, Wall2]. Intellectual [ZCL09].
Intelligence [BCB10]. Intelligent
[DZL+14, FM06, TLM05, YCHZ12].
Intensity [IVJ12, SWB+00].
Intensity-Gradient [IVJ12]. Inter
[LSO9, MGO09, NSS14, TIS16, VBC+16,
WBA+14]. Inter-Attribute [LS09].
Inter-Personal [VBC+16, WBA+14].
Inter-Process [MGO09]. Inter-Reflection
[NSS14, TIS16]. Interacting
[ADW+17, BPP+16, DDKA06].
Interaction
[BIA17, BGR06, CMHL11, DK13, EFN12,
FWSL12, FDPH17, Guo09, GGZL16,
HKR+08, HEG+17, HSTD18, JD13, JE13,
KCP16, KBPL16, KMLM16, Lam08,
LBK+18, LGY12, LS10, MWC06, MCG12,
MJ09, MBZB12, MF11, NW15, PBO+14,
PGK16, PMS05, PSM12, RLM10, Rot13,
RRLW07, SZZ+17, SKBE17, SVB+11, Sim07,
SS18, SDMT16, TC10, TFJ12, WB16,
WLJ+12, WB05, YML+17, YaKSJ07,
YS1+10, YEII16, HWA15, JSV+08].
Interactions [AL06, BOZ+14, CPW+15,
DC17, GAB07, GBC+14, YJC+10,
[KCT+17, HL09]. Just
[LBG+16, NWHWD16]. Just-In-Time
[LBG+16].

KD [WFM+05, HL09]. Kd-Jump [HL09].
KD-Trees [WFM+05]. Keeping [QH18].
Keim [Ano11d]. KelpFusion [MRS+13].
Ken [Ano14g]. Kernelized [BPP+16].
Kernels [DBH14, HUPS+14]. Key [CTT+16].
Keyboard [LIRC12]. Keyframe
[GSCI15, PLW11]. Keynote
[Ano13u, Bai13, Cze12, Heg10, Min13, Sat13, Seq12, Tha11]. Keyword
[FFB18, RGP+12]. Keyword-in-Context
[RGP+12]. Keywords [IIS+17]. Kick
[PVF13]. Kick-off [PVF13]. Kilo [BDI16].
Kilo-Hertz [BDI16]. Kinect [LZLS16].
Kinectrack [IFM14]. Kinects [TZL+12].
Kinematic [COMP+13]. Kinetic [LMO3].
KL [Rob98]. Knitwear [CLZ+03, GRS95].
Knot [CLCQ12, HHQH17, ZWJZ12].
KnotPad [ZWJZ12]. Knots [GHK97].
Knowledge [AS05, CB15, KBKG07, SSS+14, SS06b, ZGI+18].
Knowledge-Based [KBKG07].
Knowledge-Transfer [ZGI+18]. Known
[RNK+15]. Kong [QCX+07]. Krueger
[Han95]. Kwan [Ano13f]. Kwan-Liu
[Ano13f].

L [MCA+10]. L-Infinite [MCA+10]. Lab
[Ano05c, BTC13]. Label [CLG16].
Labeling [BDY06, BHZ+18, CG08, FHS+12, MTM+16, NW11, LSO08]. Labels
[IYS13, TLH10]. Lagrangian
[BT09, GHP+16, HOGJ13, JEH02, SP07, SWTH07, SXM17, SFB+12, Wu16, YNBH11].
Lake [UDSL18]. Lambertian [MBT+18].
Lamps [RKK16]. Landung [GS16].
Landmarks [Hu16a]. Landscape
[IV11, OHWS13, TSD09]. Landscapes
[TSW+07, WBP07]. Language
[CCQ+14, DR08, HB10, KCS+16, NW15].
Languages [DWBR06, RGBH14].

Laplacian [ATLF06, ZHX+11]. Large
[AvHK06, AHSS14, AGL06, AABH+16, AAMG12, AAMH13, APS+14, APW16, BW11, BDJ14, BBD+11, BAAK+13, BDF+10, BBP08, BBD06, BWT+11, BTC10, CBPS06, CGC+11, CMCL06, CWDH09, CMK15, CPK+05, CK05b, CAN14, CVC+12, CLB+16, CLWW14, DIC14, DGWC10, DYV+13, FSHH12, FSW09, GKN05, GCL+15, GSS+15, GPL+11, GHGM06, GHA+08, Guo09, HSS11, HAAB+18, HHWN02, HE99, HSSK16, HBC12, HC05, HTE11, IWR+18, IV11, IDW+13, JH13, JST+10, JS98, JHP+14, JDA+11, KSH03, KHDL07, KLK+09, KKK+17, KZX+14, KJW+14, KG09, KLM96, KCM18, LBK+18, LSS+11, LFH06, LFLH07, LZH+13, LWL+17, MS08, MGM14, MGM09, MOC+14, NLS11, PF09, PF12, PHJ+10, PY09, PGI+17, SMD014, SXM17, SHS11b, SMER06, SCL+12, USM97, WSG07a, Wan11, WFW+17, WSS12, WDSC07, YHW+07, YXM+15, ZBG+17, ZBDS12, dLVvL06, vHP09, vWN04, vdZCT16].
Large- [HBC12].
Large-Magnitude-Range [ZBG+17].
Large-Scale [APS+14, BWT+11, Dic14, DGCW10, FSW09, HAAB+18, JST+10, KKK+17, LFLH07, LZH+13, MGM09, MOC+14, PF09, PY09, SXM17, WSS12, YXM+15, LFH06, LWL+17, SMD014].
Large-Scene [APW16]. Largest [SWC+08].
Lark [TIC09]. Laser [GK95, KIS17, PWG17, VAB12, WG16, ZSS10]. Last
[LRN96]. Latency [FS14, FSTG16, FKS16, LBS+16, LH14, OWS15, SGQ16]. Latent
[HLMG+14]. Lattice
[AEM09, BLW14, Cse10, Cse13, EM06, EVM08, GLX17, KE08, Kim13, LPQF14, QXF+17, WZF+14, WLM04]. Lattice-Based [QXF+17, WZF+14].
Lattice-Boltzmann [AEM09, WLM04].
Lattices [AEM09, HAM11, PQF+09]. Law
[KH16, MMT+14, HYFC14]. Laws [ZK10].
Layer [IHS17, LBM+06, SvLF10, SWF+16, WLSW08]. Layer-Based [WLSW08].

Layer-Wise [SWF+16]. Layered [BW11, BHW06, BH07, IKH05, KS00a, KS00b, KS01, KA12, MTS07, OKSK16, WWY14].

Layering [RASS17, ZHF12]. Layers [GQGP17, RBG07, SVB+11]. Laying [AHL+13]. Layout [AMA07, BKM13, BSV11, DBD13, DL+09, DKB06b, FT07, GHN13, KDMW16, KMLM16, KCM18, MSV+11, MM08, SN+17, SRMW11, Won16, YDG+16, YCHZ12, ZOC+13, DMS+08].

Layouts [BB12, DLF+09, FT09, LPP+06, OAH14, SDW09, WSA+16, YL06, vHR08]. Lazy [DWB06, SM97]. LazyNav [PGI+17].

LBM [PQF+09]. LDSScanner [XYC+18].

Leader [GR15]. Leak [IHS17]. Lean [BWP+10]. Leap [GS16]. Learn [BJY+18, Chi16]. Learner [KLL12].

Learners [RKA+13, TNT17]. Learning [BJEYLW01, BHZ+18, BHP+12, BOZ+14, BC18, CPG+15, CZN+11, DBH14, DNL+06, EASS+18, FWG09, HSK17, KCM18, OAH14, RRJH18, RM15, SST+17, TFO09, WSW+18, YC14]. Least [MDS16, MGM14, PLK12, PNML08, SZ11, WL08].


Length-Preserved [Wan08]. Lenses [BHST17, BTHD11, EDF11, HTE11].

Lenses [BTB10, BTHD11, KCJ+10, PBA10]. Less [SGQ16]. Level [GBB15, BW01, BM13, BMPB08, BvL06, CLMO17, EWWL98, FT07, HMBG01, HSH10, Hu16b, JvDLR13, KWP01, KCP16, KKP+17, LVRH07, LKHW04, LY12, LTKF08, LKT13, MB01, ME11b, NB05, NC07, SKK06, SRC02, SRC03, SJH+07, SKL+14, SWP07, SNR14, VB18, WGS07a, WOO17, WD09, WT10b, XESV97, Zhu05, ZBDS12]. Level-of-Detail [HSW11, MB01, WGS07a, Zhu05, ZBDS12]. Level-of-Detail-Based [XESV97].

Level-Set [GBB15, BW01]. Levels [AWHS16]. Leveraging [ADG11, RKA+13].

Lexicon [PKL+18]. Library [RLA+13]. LIC [HA04]. LiDAR [WX17].


Lift-Off [JK16]. Lifting [JAO+14]. Ligand [LBH14]. Light [BB09, BKA+11, DK13, GYK+16, Hau97, IK15, IAIK16, HSH17, KKE17, LDSM17, LPG15, MYM16, SFC+07, TAL+07, WLL+05, WSY07, WLHD17, WC13, XA10, YHJL08, ZW07].

Light-Field [IK15]. Light-Joint [TAL+07].

Lighting [GUFM15, KISE14, KPH03, KPR+14, LHLW10, LHW06, LG12, MBW+07, SOL+16, TLD+12, WK13, ZM13, ZDM13].

Lightness [SSG16]. Lighting [KL07].

Lights [KW14, OBS+15]. Like [JCM01, KCM18, SM12, WAWS18, BS16, FWK16, KDMW16, MMK06, PWHK16].

Limits [HW12]. Line [BPM+13, CF10, DHL09, EHS13, Elb95, Elb98, EBR09, FW08, FC95, GR15, HSW11, HZ13, KZL07, KGP+13, LM05, SK98, SM03, WHZ+18, XMR17, YCLJ12, ZCFL15].

LineAO [EHS13]. Linear [ATK16, AE13, BS08, GAM10, HJW99a, HJW99b, KC04, KO1, LVRLO6, MYM16, NHPN14, PCG15, SJ10, WFS+16, WB08, WBH04, YPI13, SST+17]. Linearly [NJ99].

Lines [IHR01, KHL99, KHS+18, MZC+16, SZH97, SF04, TWHS05, TKW08, WFR+10, WT10a, WTS+07, XHT+07, ZH+11, ZBB+06, ZPP05]. LineSets [ARRC11].

LineUp [GLG+13]. LineUps [BDM+17].

Linguistic [SS16]. Link [JRHT14, NB14, SKB14, TNB11].

Linked [CcW11, FG99, JDL09]. Linking [HTL13, KPV+18]. Links [SWS+11].

Liquid [CM14, CMK15, DC14, GLX17, JKM06, MLMF12, MJK06, SPCJL06].
Liquids [LGF06]. List
[Ano00a, Ano01b, Ano03a, Ano04b, Ano05c, Ano06, Ano07, Ano08a, Ano09c, Ano10b, Ano11b, Ano12b, Ano13b, Ano15b, Ano15n, Ano17a, Ano17b, Ros11, Ano14b], Listener [MAKM14, MDHB+07]. Listener-based [MDHB+07]. Listening [BSSB10]. Lists [HBW14, IK95]. Lite [SMWH17]. Literacy [BRBF14, LKK17, RM15]. Literary [HFM16]. Literature [BKW16, FHKM12, JM10, MFS]. Locality [KBKG07]. Living [BSSB10, TKE16]. Load [DL12, NLS11, SBS16, ZGH]. Location [LWL]. Locations [LWL]. Local-to-Global [LWZ+16].

[SPO+12]. Manufacturing
[JHP+14, WAWS18]. Many [ASMP17, HBC12, KPBGI13, OBS+15, SHC+09, Wal12, WC13, YDGM17, YCHZ12, ZK14a].
Many-Core [HBC12, SHC+09, ZK14a].
Many-Light [WC13]. Many-to-Many [YDGM17]. ManyEyes [VVH+07].
ManyVis [RSD+13]. Map [AABS+14, APP11, APW16, BT13, BDM+17, BDY06, BDD+16, BSV11, CLG16, CDBR14, CM16, DWS10, EWWL08, FYYW16, GXH+13, HR96, Jen12, JhR10, KCH11, KLG17, APP11, APW16, BT13, BDM +16, BSV11, CLG16, CDBR14, CM16, DWS10, EWWL08, FYYW16, GXH+13, HR96, Jen12, JhR10, KCH11, KLG+16, NB12, SRMOW11, WS06a, WP16a, YYY17, YKL+08, YSS+12, ZMZM15, MT07].
Map [FYWY16, PS12]. Mapping [AIS18, BKA+11, DT10, EWWL08, FST+14, Guo09, GZ14, HAT+00, HUPS14, HWL+11, HZH14, JKRY12, JY17, KKK+17, LYY08, LBG+08, LGQ09, MZX15, MN07, NW11, PNML08, PSN10, PWG17, SKP07, SJ10, SLS+17, SHC+09, SJ09, SCL08, THV+14, XYGL13, YLY+12, ZMG+10, ZDM13, ZSG+13, ZKK02, vHWV09].
Mappings [HMK17, PMH18]. Maps [AMJ+12, AYRW09, APV+15, BMJK09, BJS+12, BSR+14, CH17, JDL12, KMM+13, LLHL14, MSME14, MV06, MKH12, MMK+17, NE04, NHB+17, NW11, OBS+15, RASS17, RM13, SKB+18, SW+11, SST+17, SLQ17, TGS11, VT08, WC11, WZC+15, War09, ZFL17, ZIM17, vW14, KFS+17].
Marbling [AB06].
Mashup [WDSC07]. Masking [GO15].
Masks [KM16]. Mass [AAFW17, CM14, DT10, EGG+12, FT09, RB18, SVAC12, ZSG+13, vLBR+16].
[AK02, ADW+17, AA11, CCL+16, KSY14, PSN10, SG05, vdEHBvW14]. Massively
[LLB+12]. Massless [SLN11]. Master [TAK+05]. Master-Slave [TAK+05].
Match [LDW+15, PYHZ14]. Matches [BNTM16].
Matching [CMM+13b, FKLT10, FS14, HKE03, LRP97, LWZQ17, LF07, LB17, SSE15, TWS16, WSW16, XNL11]. Material [AGD+10, BDS+03, HKG07, LLL+10, POD+13, RYY13, SVAC12, SFA+15, UM12, WLL15].
MaterialCloning [YL16].
Materials [BSS+13, BF07, GKL+16, LB15, MBT+18, RBG15, Vis15].
Mathematical [GHK97, KL10].
Mathematics [HP04]. Matrices [DV+12, LBK+18, PDF14, ZCL09].
Matrix [BBH+17, CMP09, CLRP13, ED08, IML13, VMCJ10, WLL15, YRW13].
Matrix/Tree [YRG13]. MatrixExplorer [HF06].
Matter [Ano08b, Ano09e, EBB+15, JFTW07, KHA12, MSL+06, SAM+05, ZCL08].
Maxent [GH13]. Maxent-Stress [GH13]. Maximizing [SLF+12].
May [CG16]. Maze [LYY+16a]. Mazes [WL10].
MDS [M009, JFSK16]. Me [Ger17, MHS07].
Measuring [BBH14, CL09, CG14, FYW16, PA06].
Mean-Shift [LSL+14, FY16]. Meaning [BA16].
Means [RMW09]. Measure [GMS+07, RGK+11, RV+08].
Measurement [LAI1, ZHZ15].
Measurement-Based [LAI1].
Measures [CVG13, Far12, MJL+13, PH11, ZLB+05].
Measuring [CFEC17, CWY16, FS14, KDM+16].
Mechanical [ATK16, LS+18, WHFL14].
Mechanics [EGS03]. Mechanism [FW00].
Media [Bro07, CYW+16, DK13, HWS17, LEB+16, MSW+08, MYM16, SWL+14b, SKL+11, TKE16, WLY+14, XWW+13, ZC03, ZCW+14].
Medial
[LYY+16b, SAR96, SPB96, SCYW16]. Median [SB04]. Median-Based [SB04].

MEDIATE [PMvWC05]. Medical [DMR04, LLPY07, LRF+11, PPM+11, Sat13, SK13, SKYS14, SHC+09, SLK+17b, SEA09, UK12, WKB+13, YL16, vLBB16, MTRP10].


Merging [LH03]. Mesh [AZC+12, CC08, CKL09, DSC+08, DSS+09, FYP10, GABJ08, Gué01, GSP08, KSH03, KL03, KL07, LHH+12, LRN06, LH03, LG15, LIT04, LLWQ13, LXB17, LSY+18, LY06, LJWH08, LDC16, LGLR14, MZX15, ME11b, NWWHD16, OMD+12, PA06, PGL+12, PTC10, SRML07, TC09a, TDR10, WZW+05, Wan08, WTW+08, Wan11, WZC+15, WYP+15, YSZ04, YYSZ06, YL06, ZTP05, ZPS04, ZC11, ZZL+15, ZWZD15, ZFAT11, ZTA12, ZBBW08]. Mesh-Driven [PGL+12]. Mesh-Free [OMD+12].

Mesh-Guided [GSP08]. Meshes [AGL06, AFRS05, ATLF06, Bon98, CMRS03, CDM+04, CHM11, CCS12, GHJ+98, GWBO12, HHQH17, KTCG17, LKT13, MW99, MKW07, MEB+14, MCA+10, PR00a, PS12, PCG15, Ros99, SG05, SZ11, SCYW16, TCL+13, TNB11, THJ99, USM97, VP04a, VPF04b, VCP08, VS11, VCL+07, Wan06, XWL+15, YPI13, YT02, YSS+12, eYL07, ZC06, Zhu05, TGSP09, PR00b]. Meshing [BLW14, GCZL11, LL15, MWK+08, PD04, YWW14]. Meshless [BTPB13a, GLB+06, PPL+10].

Meshsweeper [Gué01]. Mesostructures [MCN14]. Message [Ano13a, Ano13o, Ano14n, Ano15i, Ano15j, Ano15m, Ano16n, Ano16o, Ano16p, Ano16q, CFK12, CLS13b, CKSB14, 15d, DS16a, DS17b, De 18, DLM+12, Ert07a, Ert10d, De 16a, Flo17, IKLW14, Lin1ld, Lin1lc, Lin12e, Lin12a, Lin13c, Lin14d, vHMM+11].


Metaphors [CVC+12, MF11, ZK08]. MetaTracts [BWW+17]. Method [AEM09, AWB11, BBM18, BGB15, BBT10, CB15, Drut08, FY+17, FA15, IHK05, IDAK15, KOF08, LLL06, LLLF08, LSY+18, MWCE09, ORC07, RGG+13, Tay02, TS08, VS11, WH09, WHK15, WLMK04, WMM13, XTY+11, YSS+12, YLY+12, Zag06, ZCL08, JQD+08].

Methodological [DBD18]. Methodology [AABW12, RHR16, SN05, SMM12, VJN+15]. Methods [AL06, AIDL08, AMM+08, AHH+14, BS08, BNTM16, BN12, CA00, CWQ+07, CMK15, CF10, CHM11, DLW+17, DSC+08, DLR09, EMdSP+15, FCL09, HG01, KMLM16, LKJ+05, LH11, LXL+18, LD11b, SZB+09, SMB+06, SO17, TAE+11, TWHS05, VF13, WHZ+18, ZK12, HSKH07]. Metric [CZN+11, GSZ+13, LJJ+10, LMZ+14, MK13b, OJ12, PZLZ17, VCP08, WGS07a,
WOO17, YYSZ06. Metric-Dependent [VCP08]. Metric-Driven [LJX+10].
Metrics [DK10, GO15, GGZL16, JJ09, MDHB+07, NHEM17, Vas16]. Metro
[WW11, SRMOW11, WC11, WP16a]. Metrology [HKG07, Metropolis
[ZYM+14]. MGV [AK02]. MIC
[Wall2, BWW+12]. Micro [ZHLR14]. Microblog [BTH+13, LLZ+16].
Microfacets [MBT+18]. Micrographs [DBTH07]. Microscopy [CSPN11, MSM
07]. Mismatches [BNTM16]. Mix
[Bro07, CLB13, CGB+12, DH08, GKR14, GJK15, HKR+03, JAM+14, JLS15, KOJC12, KHSB11, KTWW13, KLD+09, KLL+12, LRM+13, LBKD09, LABS10, NQX+05, NW11, PWG17, RPAC17, WDC+18, HWA15]. Mixed-Initiative [HKR+08, WDC+18].
Mixed-Integer [WW11]. Mixed-Reality [KLL+12, NQX+05]. Mixing
[BJEYLW01, LBMO06]. Mixture
[LZLS16, WCZ+11]. MizBee [MPM09].
MLS [LG+08]. MOBA [LXC+17].
Mobile [BBBM18, BTJ+13, DH08, HBESB11, HAGS16, KPR+15, KM16, KHSW17, LS07a, LHD18, LOJD16, NJ16, OK15, PKMR15, RBGD15, RJG17, SOS+17, VARS14, WRM+10, YC14].
MobileFusion [OKI15]. Mobility
[AAFW17, DSC+16, WXZ+16, ZFA+14, vLBR+16]. MobilityGraphs [vLBR+16].
MObjects [RGK+13]. Mobs [nGAB16].
Mock [VB18]. Mock-Ups [VB18]. Modal
[CK05b, GM13, MDS16, SL18].
Modality [BG016J, DH08].
Modality-Driven [BG016J]. Mode
[GP14, PH07, vdCW14]. Model
[AB06, BSL+12, BAF+13, BMST07, BC12, CBL07, CK05a, DPW+15, DK13, EFN12, FG99, FBL05, GHN13, GLC+15, GPR+01, GBP+13, Guo95, HLRC+12, HLYL18, JKM07, JD13, JA18, KPBG13, KSI+96, KPH+03, KBV17, KSD14, KKL+15, LKH+16, LKT13, MD12, MOF90, MOF10, MGJ+10, MHD+18, ME09, MM11, MWC+12, MTB17, Mun09, MT01, NZ06, ORRL10, PY09, RKK16, RLA+13, SSS+14, SVC12, SZD+10, SASS16, SJH+07, STRV12, S017, SSL+12, TGH12, TL07, TLC+10, THV+14, TFH11, V508, WZW+05, WZC+11, WPS+16, WHM14, YLX+12, YML+17, YLSL11, YS17, ZPS04, ZWW+12, ZTO9, vW04, vLB16].
Model-Based [BC12, CBL07, FBL05, RKK16, SO17, WZW+05, vLB16].
Model-Driven [KSI+96, SSL+12].
Modelers [GJD+13]. Modeling
[BTB+04, BGK11, CV10, CRLP13, DC17, Del08, DCKY02, DQ07, EASS+18, FWZQ13, FGBB09, FM04, GRS95, GLX17, HRF96, HFG+12, HQ12, HQ04, KV03, KCA16, KPH03, KB14, KG03, KKM+09, LA11, LPS+13, LV12, LPQ14, MQV00, MAST16, MM11, NM17, NMD+97, Ney98, NRS15, PK08, PW12, PDW+14, Qin09, RNE+17, SPEB18, SKW+11, S014, Sza18, TMH+10, WLL+12, WXJD17, WFW+17, WX17, WKB+07, WZF04, WK06, XY9+16, XZ17, XA09, XA10, YJL+15, ZZS+10, ZLY+14].
Models
[AG16b, ATK16, ADDG12, ASE16, BW04, BDK98, BW01, BRU17, CGD97, CC08,
Multi-Dimensional [WXC+08, ZWC+18, LLRR08, LPK+16].
Multi-field [LLRR08, WSW16].
Multi-Focus [TS08]. Multi-Focused [BDW+08]. Multi-GPU [WAG+12].
Multi-Granular [GSL+17].
Multi-Interaction [YML+17].
Multi-Label [CLG16]. Multi-Level [BM13, FT07, KKP+17, ME11b, SJH+07].
Multi-Material [HKG07]. Multi-Modal [MDS16, SLM18].
Multi-Parameter [NSW+17]. Multi-Pipeline [MiS+18].
Multi-Projection [SLS+17, TIK15].
Multi-Projector [BSM06, BJM07, DVC07, SLGM09].
Multi-Relational [PLS+14]. Multi-Relaxation [LPQF14].
Multi-Resolution [CWK+07, IWR+18, PHF07, SKMH14, WLSL17]. Multi-Run [Lin16b].
Multi-Scale [BL07, CLW18, CPG09, EBB+15, HA06a].
Multi-Server [Wah14]. Multi-Threading [PTMB09].
Multi-Timepoint [BBP08].
Multi-Touch [LRF+11]. Multi-User [PBK+12, PBC17, RLM10]. Multi-Variate [LD11a, WS06b, YXG+10].
Multi-Volume [PHF07]. Multiagent [SAC+08].
Multibody [XZB14]. Multichannel [MNKT01, tCMR07, tCMR08].
Multicharacter [YLL+12]. Multiclass [GCNF13, RAL+17]. Multicomputers [LRN96].
Multicore [CGC+11, WJ08].
Multicriterias [SRMW01].
Multigraphs [AK02]. Multidimensional [CGSQ11, CZC+15, DBD18, EDF08, EMSP+15, GKK5, IML13, JCC+11, KKH02, LAK+11, LMZ+14, LSPS10, MMPP10, PNML08, SW13, STH02, VMCJ10, WZK12, WFW+17, Wea10, ZKK02].
Multidomain [KKJ2, NK06, YXG+13]. Multifaceted [CSL+10, KH13]. Multifield [BRT12, BBS+08, DCK+12, JWSK07, NN11a, NN11b, STS06, WKF+17].
Multifield-Graphs [STS06]. Multifocal [BE06]. Multifocus [FSWS12, JE13].
Multimaterial [BLW+14, MK+08]. Multimodal [BHW07, BBB+12, FWL16, GKL+13, HBG11, RHR+09, SS18, Vis15].
Multiperspective [CRPH10, WP16b]. Multiphase [MEB+14, Wu16].
Multiplanar [HN13]. Multiple [AWHS16, AT16, BMGK08, BMR01, BLL17, BMST97, BNTM16, DZM016, GNCM+16, GDST16, GKL07, GGL+14a, JME10, KERC09, KPG13, KGS98, KBK11, LBD13, LMK07, LD11b, MGJ+10, MAo11, MTB17, PPBP11, PLW11, QH18, RSD+13, SM09, SGG06, SGM08, SLG+17, SKY12].
Multiple-View [BNTM16, KERC09, MTB17]. Multiples [APP11, LBK+18, MDS+17]. Multipole [Hau16].
Multiprocessor [BE06, BMY05, JWS04, SM12].
Multiresolution [AB01, BG04, Bon98, CYB08, CL09, CMPS97, CRY16, DL03, HG01, NW10, OR98, OR99, PD04, SPM+13, SLNB11, SG05, SGM+11, VP04a, WS06a, WD10].
Multiscale [AB06, CL06, GLR13, Guo95, LHLW10, MMP09, MDS+18, Mur95, RVWT08, SKU+12, STH03, SGM+11, TN14, WS09].
Multisensory [PMvWC05]. Multistate [TMM+13]. Multisurface [CML+12].
Multithreaded [EH12]. Multitouch [CML+12, MCG12].
Multivalued [WKZL04]. Multivariate [NBSW13, CyW18, CyW11, EG09, GHGM06, GHA+08, GGA+11, GCML06, Guo99, GXY12, HHG14, IML13, JFSK16, JBS08, KKS13, KMM+13, LS09, LS16, LDA12, PHJ+10, PV06, RML12, RASS17, SM09, SGG06, SGM08, SLG+17, SKY12].
SWvdW+11, SK16b, TSH+14, WFM+12, vdEvW14, HSKIH07. Multiverse
[SWR+13]. Multiview
[LDX10, RHZN11, TCM+12, WLDW11]. Multiwavelength [Sim07].

Multiwavelength [FLH08]. Munin
[BFE15]. Mural [JS98]. Muscle
[AS11, CYZ+09, DCKY02, TSB+05].

Muscles [WGF08]. Museum
[HSC08, MLMF12, RGFL14]. Music
[CQM10, FXG12]. Music-Driven [FXG12].

Musicians [JFS16]. Mutual
[BBB+12, TAK+05]. My [BSB+18].

MyBrush [KPV+18]. Myocardial
[TBB+08].

Name [SWY+17, WBDS11]. NameClarifier [SWY+17]. Nanocubes
[LKs13b]. Nanoscale
[AABS+14, MAAB+18]. Nanosphere
[GKL+16]. Nanostructures [MDS+18].

Nanotechnology [QMK+06]. Narrative
[BMW17, HD11, HDR+13, SH10, WLB+14].

Narratives [KBI+18]. Narrow
[AS11, LKHW04]. Narrow-Band
[LKHW04]. Nasal [ZMH+09]. Native
[STYC12]. Natural
[BPB14, BIPS12, FTB+13, LCC+17, MF11,
NW15, NNS14, RJG17, SBK+11, SLF+12,
TFJ12, XZK+17, YN03, YON06].

Naturalness [KOF08].

Naturalness-Preserving [KOF08].

Navigable [WKW06]. Navigating
[CVC+12, CML+12, CLB+16, FWR00, JS98,
SPK+07, WS06a]. Navigation
[AN13, BFP14, BL07, BJNN08, BIPS12,
CR06, EDF08, GSA+09, HD12, HMM00,
HR11, IY11, KBKG07, LSJ+15, LYY+16a,
LODI16, PredBC+11, PGI+17, SW12, SM06,
SAC+08, TYSN06, TMM+13, WHA07,
ZHLR14, vWN04, JSV+08]. Near [Ano96b,
DTT+17, LH16, LHH16, LSJ96, RBDG15].

Near-Eye [DTT+17]. Near-Field
[LH16, LHH16, RBDG15]. Nearest
[CK10, XLND11]. Nebulae
[MKHD05, WAG+12]. Neighbor [CK10].

Neighborhood [DSF+14]. Nematic
[JKM06, MKJ06, SPCJL06]. Nested
[Mun09, WLSS17]. Nets
[CD14, ST09, vHWV09]. NETSPEAK
[RGP+12]. Network [wAPS14, BRH+17,
BF01, BEW95, BBH+17, BKW03, CDK+17,
GKL+13, HZM+16, KAKC18, KDMW16,
LLB+12, MV06, MKN+07, MPWG12,
MGPH06, MJ09, NOB16, PGU+13, SNG+17,
SFMB12, SHH11, SWW+15, SSG12, SA06,
SPEB18, VMCC10, WPZ+16, YSD+17,
vdEHVW14, vdEvW14, vdEHV16].

Networked [DK11b]. Networks
[AHSS14, AHK+17, BFP14, BG04, BJY+18,
BN11, CCN12, DWV+12, FBL+18,
GdBG12, GZ11, HSS11, HSCW13, HS11,
HF06, HFM07, HBF08, HKYM17, JHGH08,
LPP+06, LLHL14, LSL+17, MK09, PS06,
PHV+18, RFFT17, RFL18, SG09, SMER06,
SS18, SPR18, UMW+12, VRW13, WKT06,
YDG+16, YDC+14, ZEC08, DMS+08].

Neural [BF01, BJY+18, JBH+09, JDL12,
KAKC18, LSL+17, LBT+18, PHV+18,
RFFT17, SGPR18]. Neurobiology
[BSG+09, WOCH09]. NeuroBlocks
[AABB+16]. Neurodegenerative
[OIR+17]. NeuroLines [AABS+14].

Neuron [LH+12, UKF+18]. Neuronal
[AABS+14]. Neuroscience [BAAK+13].

Neurosurgery [KOC14]. Neurosurgical
[BHWB07, JSV+08]. Never [DBN06].

News [MBL+06]. Next [Kas12]. Nielson
[Ano13e]. Nmap [DSF+14]. Node
[HBF08, JHRHT14, NBW14, RP12, SSKB14].

Node-Link [JHRHT14, NBW14, SSKB14].

Node-Link-Group [SSKB14]. Nodes
[WRF+11]. NodeTrix [HFM07, YSD+17].

Nodular [WKB+13]. Noise
[AGY+17, CYC+12, CCS12, FHHJ08,
JEOJ02, KKS13, LLD11, LLW06, YPI13].

Noise-Based [KKS13]. Noise-Resistant
[LLW06]. Non

Note
[Ano05a, Ano05b, De 15c, De 15b, De 15a, De 16b, De 17b, Ebe03a, Ebe03b, Ebe04a, Ebe04b, Ebe06a, Ebe06b, Ert07b, Ert07c, Ert08, Ert09a, Ert09b, Ert10a, Ert10b, Ert11b, Flo16, De 17a, Hag99, Hag00, HE02, IKT15, Lin11a, Lin11b, Lin12d, Lin12b, Lin12c, Lin13d, Lin13a, Lin13c, Lin14c, Lin14a, Lin14b, Lin16a, Lin13b]. Notice [SGQ16]. Noticeable [NWHWD16]. Novel [ARRC11, AS98, CDZ+09, CVC+12, DSF+14, INCB18, JSV+08, KHA12, LHC10, NZ06, OHH06, PM08, RGK+13, TCM10, WSM+09, ZBZ+13]. Novice [LKH+16]. Novices [GTS10, GTS11, KPR+14]. NPR [LCC+17]. NPU [PMD+07]. NPU-Based [PMD+07]. Nuclear [DCK+12]. Number [BDJ14, KWDG11, OKSK16]. Numerical [GBP+13, SZD+10, ZMZM15]. NURBS [SF14, KKM+09, KML96, QT96]. NURBS-Based [SF14].


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[BHTY15, CCH14, DFQ12, HKQ13, LST+16, NSvW11, HVY16]. **PacificVis**
[DW17]. **Packet** [BWW+12]. **Packet-Ray**
[HW+12]. **Packing**
[IYK04, KW06, YLG+14]. **Page**
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[Ger17]. **Painted**
[YGH11]. **Painted**
[ZCL09, LLLN]. **Painter**
[UK12]. **Panning**
[CL06, OH12]. **Panoramic**
[ZZD14, MB18b, MAWM11, MGM09, MFS+09, NR18, NC07, NLS11, NH06, PJ12, REB+16, SM12, SKL+11, VP09, VMCJ10, VHBS16, WZC+15, WLSL17, YXSH13, YXM+15, YGX+09, ZWZ+13, ZGH+18, ZJX+15, ZGHG11, tCMR07]. **Parallel-Hardware**
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[SAS05, BS]. **Pareto**
[AG17]. **Pareto-Optimal**
[MLMP18]. **Pargon**
[DK11, BPP08, BVB+11, CW11, DK11a, EM09, ED06, FPH+08, GH00, Gor02, GXY12, HKC+12, HW09, HSH10, IBJ+14, JFTW07, JF16, JCWD14, KCS+16, KBBH06, Lac96, LLB+12, LT11, LDC96, LTP+05, MB18, MAWM11, MGM09, MFS+09, NR18, NC07, NLS11, NH06, PZ12, REB+16, SM12, SKL+11, VP09, VMCJ10, VHBS16, WZC+15, WLSL17, YXSH13, YXM+15, YGX+09, ZWZ+13, ZGH+18, ZJX+15, ZGHG11, tCMR07]. **Partition-Based**
[AAFG18, XYS+16]. **Partitioning**
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[AMA11, HL09]. Pathline [COC15].
Pathlines [MWS14]. Paths
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[HHO+17, KGPS13]. Patient-Centered
[HHO+17]. Patient-Specific [KGPS13].
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RSM\textsuperscript{+16}, SRK\textsuperscript{+11}, XNT11, XWL\textsuperscript{+15}.

Protein [BLG\textsuperscript{+16}, JYC\textsuperscript{+10}, LVRH07].

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Query-Driven [GABJ07, GABJ08, GGA\textsuperscript{+11}].

Query-Guided [BAK\textsuperscript{+13}].

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Query-Driven [ADP02, SVK09].

Question [WSS09].

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RSVP [BDK98]. RTcams [HCS+07].
Rubbing [LWYM12]. Rule
[FBL+18, NT99]. Rule-Based
[FBL+18, NT99]. Rules
[CvW18]. Run
[KWS+14, Lin16b, SJH+07, FSW09].
Run-Time [SJH+07]. Running
[STS+14]. Runs
[MGJ+10]. Runtime [IPD+07].

Saccadic [BL15]. Safely [CVC+12]. Safety
[BES12, BC18, CB15, Chi16, LLQ+17, TKE16]. SAH [Wai12]. Saliency
[FKLT10, IV11, KV06, MHD+18, WSYM17].
Saliency-Assisted [IV11].
Saliency-guided [KV06]. Salient
[WM18]. Sample
[BK10, PSM06, QK04]. Sample-Based
[BK10, PSM06, QK04]. Sampled
[ATT12, CDK04, CYW+16, CL11, Wan06].
Sampler [VML97]. Samples
[BT13, FHHJ08, YCL08]. Sampling
[AT05, AGY+17, AEM09, AFRS05, BMWM06, CDBR14, CYC+12, CCS12, DWB+06, FYWY16, KSSW09, KHW+09, KBBH13, LLO4, LBR+17, LPG15, MY96, Max95b, MES+11, MWK+08, NHEM17, PBP11, PRA+10, QLLM13, WMWL11, WSW16, WLLC15, WCA+17, YWW14, YXSH13]. Samplings
[LYS+10]. SaNDVis
[PGU+13]. Satellite [YXG+10].
Satellite-based [YXG+10]. Save [TKE16].
SCA
[BvdP12, BDC17, KS14a, KL14b, SK15].
SCAAT [HR11]. Scaffolds [CG08].
Scagnostics [DAW13, DW14, MTL18].
Scalability [GBHP08, YN06]. Scalable
[ADG11, AAMG12, AAH+13, BSM06, BV8+11, DVCD07, DK11b, EMP09, FSW09, FH07, GW06, GHGM06, GXY12, HZ8+11, JBH+09, KHP07, KBGE11, LHF06, LMC02, MHDH07, MCA+10, NSW+17, N1R8, NHH07, PAB+08, RLM10, SCM+06, WLLC15, YEB16, YC14, YXM+15, YXG+10, ZK14a]. Scalar
[CLB11, GBP10, GJR+14, GNP+06, GNPH07, HM10, LHY14, PFMCR17, PMW13, RE01a, RKG+11, STS06, SWC+08, TN11, TN13, TN14, TP12, YL05]. Scale
[AvHK06, APS+14, BL07, BWT+11, CM15, CLW18, CPG09, Die14, DWG10, DB07, EDF11, EBB+15, FSW09, GWFI14, GBW17, GDST16, HAAB+18, HA06a, JH13, JST+10, JHG10, JSB13, KAK18, KHS14, KKP+17, KSSW09, KLI+09, LLSB17, LFLH07, LHZ+13, MDS16, MDS+18, MGD09, MOC+14, NLS11, PF12, P109, RKSB13, RKG+11, SX17, SY18, TKE16, VV+07, WSL12, YXM+15, ZHL+09, LFH06, LWL+17, SMD14]. Scale-Adaptive [MDS+18]. Scale-Free
[JHGH08]. Scale-Space [KSSW09].
Scale-Varying [DB07]. Scaled
[CWC+06, KCT+17]. Scales [CVG13].
Scaling [LMZ+14, ZKK02]. Scan
[AHRG10, RLNN11, YR95]. Scan-Based
[RLNN11]. Scan-Conversion [YR95].
Scanning
[PWG17, RBK+15, TSL+12, WG16, Z11M06]. Scans
[BM08, LSZ+18, RHR+08, VAB12]. Scatter
[FHSW13, HOG+12, LT10, MG13, WHZ+18]. Scatter/Gather [HOG+12].
ScatterBlogs2 [BTH+13]. Scattered
[BF01, KH01, LWC96, LWS97]. Scattering
[ASW13, AWB11, KKE17, NSS14, SI95, YGX+09, ZW07]. Scatterplot
[CMM13a, EDF08, HFK16, KCE16, SW12, SMT13, VMCJ10]. Scatterplots
[BW08b, BGR06, CCM+14, GCFN13, MPOW17].
Scenario [BC18]. Scenarios
[LBI+12, TNE17]. Scene
[ALP16, FMO2, LJS+15, MB10, S1199, SG99, Z1M06, ZKG07]. Scenes
[BBG07, GN12, LBD13, LRP97, LWW+07].
LDR00, MFZ+17, NKP+15, Ney98, PZLZ17, SLM18, XA09, YTY16, LCM07. Scenic
[Hu16a]. Scented [WA07]. Schedule
[JHP+14]. Schedules [PGSF16].
Scheduling [KLL+13, TK14].
Schematization [vGMSW15]. Scheme
[Cse13, HPJG08, LH03, LYY08, LY06, LDC16, PB13, RF11, VP04b, ZC06, Zhu05].
SchemeLens [CLB+16]. Schemes [Cse08, LRM96, SFBP09, TdJ14, TdJ15, ZTP05].
Schlieren [BPS+11]. Science [Ano12g, DJ18, Ert10c, MW13, UMW+12, vW11].
Scientific [AL06, AB01, BKW16, BW17, DCK+17, GNSP].
Screen X [JHP+14]. Screen
[WBP07, WKZL04, YSI+04]. Screenit
[DSG]. Sculpting
[GS99, RM00]. Sculptures
[STS+14]. SD [HRN+03]. Seamless
[BM05, FPB17, TS08]. Seamlessness
[SLG09]. Seams [PST+15]. Search
[BBH+17, BWK+13, CWT+08, CDF09, GNSP+14, GMD+17, IDA+14, JWC05, KBGE11, LRM+13, LCP+13, LDFZ14, NHB+17, NZ06, NB12, RSBB17, RG+12, SWL+14a, SCM+06, ZWBH13, vHP09].
Search-Based [CWT+08]. Searching
[SPP+14, WPS+09]. Second [GRT17, HLL97, HVSW11, KH16, SK10, WXK14].
Second-Order
[GRT17, HLL97, SK10, WXK14]. Section
[AD12, Ano12g, BvdP12, BDC17, BHTY15, BGK11, CCH14, CLS07, CW11, DFQ12, DW17, Ert10c, FB107, GKR14, GJK15, GW13, GMM05, HK10, HVY16, HKQ13, HP04, HLM10, ILMH12, JLS15, KMN04, KRTvW06, KS14a, KKL11, KHSB11, KPGL12, KL14b, LS06, LSCN09, LST+16, LBKD09, LABS10, MH10, MW13, Moo03, MYM08, NsvW11, OA11, Ota17, PZ12, Pur09, Qin09, RVW05, SK16a, SK15, SGR06, SSL08, SL11, SW17, TL11, VV12, WLW17, WM05, vWM04, vW11].
Sectional [GGC+17, SKYS14]. sectioned
[DBTH07]. Sections [LB17, SFH06].
Security [MKN+07, SSG12]. Sediment
[UDSL18]. Sedimentation [HVF13]. See
[DFF+14, DTT+17, GMD+17, GMY11, GLB16, HRISI15, IK15, IDAK15, IAIK16, IHS17, LCR16, LH16, LHH16, LHC10, MIO+15, PIN+15, RHJ+16, SJK+07, WVFH12]. See-Through [DFG+14, DTT+17, HRISI15, IK15, IDAK15, IAIK16, IHS17, LCR16, LH16, LHH16, LHC10, MIO+15, PIN+15, RHJ+16, SJK+07]. Seed
[HA04]. Seeding [FA15, MJL+13]. Seeing
[TAL+07]. Seeking [BEDF16]. Seen
[DBN06, IIS+17]. Segmentation
[AABH+16, AZC+12, BWT+11, DMR04, FZC+07, HRN+03, HNR+06, IVJ12, JBH+09, KSI+96, KW11, LCS06, LY12, MBS+04, MW99, MK09, PRH10, PPM+11, SHM10, SF04, TWSM+11, Wan08, XTY+11, ZTA12].
Segmentations [GJG+15, vLB16].
Segmented [CL06]. Seifert [vWC06].
Seismic [PGT+08, XYG+10, PGT+08].
SeiVis [HFG+12]. Selecting
[FHWSW13, IWL+17, MJO9]. Selection
[AT16, BAF+13, BTJ+13, CWL12, DMC15, EWWL98, JS06, KBP14, LFA+16, MLMP18, PLC+11b, PBC17, SHV16, TMWS13, THV+14, WGS07a, WSS09, WHZ+18, YE112, YE116]. Selections
[CyW18, vdEvW14]. Selective [CDM+04].
Self
[AL11, BPS13, BSWL12, GD01, HDBC15, JNC+15, JAO+14, SKB+18, SG09, SLF+12].
Self-Avatar [BPS13, JAO+14].
Self-Generating [SG09]. Self-Intersection
Self-Motion [BSWL12].
Self-Occlusion [HDBC15].
Self-Occlusions [JNC+15].
Self-Organizing [SKB+18].
Self-Overlapping [SLF+12].
SellTrend [LSS09].
Semantic [AW03, BGR06, CQM10, EFN12, FWL17, HTE11, KTE15, LBT+18, RBG07, SMER06, SA06, SMNR16, WOO17].
Semantic-Level [WOO17].
Semantics [HBM+13, KIL07, SKK06].
SemanticTraj [ADWK+17].
Semen [DTW+15].
Semi [Ano09b, BHST17, IDAK15, KGP+13, KBVH17, MIO+15, RNK+15, Wu16].
Semi-Analytical [Ano09b].
Semi-Automatic [KGP+13, MIO+15, RNK+15].
Semi-Dense [BHST17].
Semi-Lagrangian [Wu16].
Semi-Parametric [IDAK15].
Semiautomatic [SG09].
Semiautomatic [Ano09b, BHST17, IDAK15, KGP+13, MBJ09, RBB+16, LKH+16].
Sensemaking [AN13, EFN12, GLK+13, aKS12, LKH+16, MT14, NXW+16, SNNR16, ZGI+18].
SensePath [NXW+16].
Sensing [SD11, WAG+12].
Sensory [DN12, FW08, KGG+12, SZ11].
Sensory [BVPtHR09, CCM13a, CCM12, LLBS17, MLMP18].
Sensitivity-Aware [MLMP18].
Sensor [BMJK09, FM04].
SentenTree [HWS17].
Separability [LWS+17, MCG12].
Separating [CMF12, FBWT10].
Separation [DKM06b, KHL09, RS12].
September [RPHI08].
Sequence [ADG11, CXR18, FNM13, GS14, GXZ+18, HDR+13, MLL+13, NJBJ09, UDSL18, YYFX18, edEH bvW14].
Sequences [CyW18, DSP+17, HSF+06, LWD+17, MRT00, RG95, UDSL18, VBW16, VJC09, WMWL11, War09, WG12].
Sequential [BB12, HKL17, JER16, MDL07, TTS10, WBD14].
Serial [DBTH07].
Serial-sectioned [DBTH07].
Series [ASMP17, BAF+13, DAW13, GSL+17, HKF16, JME10, KLP+09, Kin10, KKB11, LS13a, MHG10, MMY97, SCL+12, SU+12, SGAS16, WBJ16, WHZ+18, XCH+14, ZCPB11].
Severe [PMvWC05].
Shaded [Gor02, NWHWD16].
Shader [PHF07, RKK16].
Shaders [VT08].
Shading [AD16, BHB04, BN12, LDM17, SMP11, STPV12, Ste98, WEE03].
Shadow [OBS+15, SFC+07, ZH07].
Shadow-Driven [ZH07].
Shadows [ASDW14, BBBBBBB18, IHH05, IIS14, JWS04, KSDA16, WBL16, ZC03].
Shaft [KKSE17].
Shape [BH07, BBIA09, CVC10, CZZ17b, CL09, Far12, FSHH12, FCFS17, FDC+18, GSCO07, GIS03, GKK5, HBESB11, HHZH17, HLD+08, HNR+06, HTZ+11, HKYM17, IFP97, JZLG09, KHS04, LL14, LFP07, LBZ+11, LWZ+16, LSWZ17, LSM03, PSKNO6, PPM+11, Qin09, SHM10, SAR06, SPK+07, SPL+13, SOCT05, SO17, TH13, TAL+07, VPB+11, WX17, WKB+13, YSZ04, YHMY08, ZHX+11, ZZZ+15, ZZZ+12, ZTZX13, ZHL+09, vLB16, SKW+11].
Shape-Based [HNR+06].
Shape-Encoding [WKB+13].
Shapes [ASvP14, BES12, BSG18, CSPN11, HQ12, JSG03, KW14, KBS13, LYY+16b, LGS12, MLMP18].
MTB17, RvWT08, YOS13, vGRSW14.
Shaping [ZK08]. Shareable [RB18].
Shared [BSO+12, CMCL06]. Sharp [AFRS05, CC08, KY06, NDS10, Wan06].
Sharpen [AFRS05]. Sharpening [DSP+17].
Sharpness [CC08]. Sharpness-Dependent [CC08].
Shear [GLH+14, Lac96, SBV+11].
Shear-Warp [Lac96]. Sheet [THR16].
Sheets [ATT12]. Shell [ELF13, GLB+06, ZQS11]. Shelves [MSSH14]. Shift [BSL+14, CL09, FYWY16].
Shifting [ZK17]. Shifty [ZK17].
Show [GR04, MHS07, vHP09]. Shutter [BDF16]. SI [LLC15]. SI-Cut [LLC15].
Sided [YSL+13, YHJ+17].
SIGGRAPH [BvdP12, BDC17, GW13, KS14a, KL14b, MY14, SK15].
SICGGRAPH/Eurographics [BvdP12, BDC17, KS14a, KL14b, SK15].
Sigma [PBA10]. Signal [GS16].
SignalLens [Kin10]. Signature [GSCO07].
Signatures [CBH+06, RML12, TL07, TSH+14, Vis15, WFC+06]. Signed [BA05, KL14a, KDBB17]. Significant [AAH+13, MZF98].
Similar [KDM+16, LWS+17, LG13].
Similarity [CC07, FSE12, FIB+14, GNSP+14, HBG11, Lin16b, MJL+13, PFF+11, PDW+14, VJC09, ZK10].
Similarity-Guided [CC07]. Simple [AGY+17, ER97, PSSC17, SAS16, TNT17, YHL+17, ZK12]. Simplicial [HMY08].
Simplicial [CMS06, WT10b].
Simplification [CMRS03, ESV98, GKH97, Gu699, GNP+06, HHVW96, HHG14, HPNT18, LT99, LP02, MLL+13, NE04, NT03, PJ03, RP12, SWCR15, TP12, THJ99, VCL+07, VJN+15, YSZ04]. Simplified [DBTH07, LP02]. SimpliFly [VJN+15].
Simplifying [TNB11]. Simpson [AW14].
Simulate [CLB13, JAO+14]. Simulated [ASvdP14, KH01, VABW09, WOO17, WBA+14]. Simulating [BBBM18, DGW11, KO12, KM10, SKY12, ySKK07, TSB+05, WLMK04].
Simulation [BKL+11, BTB+04, BM10, CZZH17a, CM14, CMK15, CDL+16, CK05b, CLMO17, CLEK13, CDA99, Dic14, Dru08, DBP14, ELF13, GLRH13, GH00, GMD13, GIK+07, GLB+06, GPP+16, GLX17, HB13, KSS09, KZX+14, KNO15, KWS+14, KWC+10, LBS13, LRM+13, LXB17, LCNG14, LLCD11, LPQF14, LSH07, LTKF08, MOF09, MOF10, MGJ+10, MGS+14, MT01, OMD+12, OBLN17, PQF+09, QMK+06, RE14, RBLW07, Sat13, SM04, SSH14, SOL+16, SSF13, TFO6, UK12, USKD12, WZW+05, WBL+07, WKM13, WSSL12, YYY16, ZZSS10, ZQS11, ZHF+07, nGAB16].
Simulation-Based [KWS+14, SOL+16]. Simulations [BSTM+13, BW+11, BvL06, DCH+17, FSHH12, KHA12, LLM+12, LHH+12, Lin16b, OJCJP16, PvdBC13, PvdBC14].
Single [IHS17]. Single-Cell [IHS17].
Single-Pass [BTHD11, WX13].
Singular [BHS12, SSC+16]. Singularities [LVRL06]. Singularity [JHW+14].
Sinogram [YOS13]. Sinus [KKPS08]. Site [RNK+15, VWV+07]. Sitting [LIM+12].
Situp [DCH+17, HSS11, WPS+16, WKK95].
Situational [WKCB07]. Situations [SB14].
Six [CMHL11, JWC05, ORC07]. Size
[CK16, CCAL12, CM08, JH13, JH16, GSL14].
Size-based [CM08]. Sized [BW17, BI12].
Skeletal [SRCP02, SRCP03, TS sarcastic 05].
Skeletal [BKS01, CSM07, EHP**11, MTL18, SLG**17, WL08, XTY**11, YHMY08].
Skeletal-Based [EHP**11, MTL18].
Skeletorization [ZT99]. Skeletons
[LGS12, RvWT08, SWTH07, ZJH07].
Sketch [CLAL12, EHBAA11, GXH**13, LCP**13, MSA17]. Sketch-Based
[EHBAA11, GXH**13, LCP**13]. Sketches
[HJKY17, OK11]. Sketchiness [BBIF12].
Sketching [CSPN11, JK16, KAM**08, LKS13a, LIM**12, RWG**12, RHR16, SK16b, SYY11, WFM**06]. SketchPadN
[WM13a]. SketchPadN-D [WM13a].
SketchStory [LKS13a]. Sketchy [WII**12].
Skills [AsvdP14, CLB13]. Skinned
[ZBO13]. Skinning [BGB15, CZZ17a, KJ12].
Skipping [HAAB**18]. Sky [Bru17].
SkyLens [ZWC**18]. Skyline [ZWC**18].
SLAM [APV**15, VARS14, YYRI17]. Slave
[TAK**05]. Sleep [BDB**16]. Slice
[CML**12]. Slices [SBW17]. Slicing [OJ15].
Slider [YNHY06]. Sliding
[CML017, MBT07]. Slope [TGHI2]. Smale
[GPNP07, GBHHP08, GBP12, GKK**12, GGL**14b, SMN12]. Small
[AT16, APP11, BBD06, BGR06, JH13, KO12, KPG13, KBH**10, LBK**18, MDS**17, NOB16, RKS13, STM08, WWC**14, WFM**12].
Small-Multiple [KPG13]. Small-Scale
[RKBS13]. Small-World
[NOB16, WFM**12]. Smart
[CFM**13, XMRC17]. SmartAdP
[LWIL**17]. SmartColor [HRIS15].
Smashing [AMA06]. SMCC [LH03].
Smelling [MYI13]. Smoke
[LSY**18, YYY16, vFWTS08]. Smooth
[AGDJ10, BBG**09, LG15, LBH18, Nie04, RL08, SM11, SEH08, vWN04]. Smoothed
[SFBP09]. Smoothness [GZL14, SDHH12, SB04, WTW**08, WJE01, ZHZ15]. Smoothly [IFP07]. Smoothness [SCKR08]. Smoothness-Increasing [SCKR08]. Snake
[LG13]. SnapShot [PSB12]. Snapshots
[SJK**12, vdEHBV16]. Snippet [GNP**14]. Snippet-Based [GNP**14]. Snooker
[PLC**11b]. Snowballing [LXC**17]. Soccer [PVF13]. SoccerStories [PVF13]. Social
[BGC**11, BN11, CCM12, CmOKE09, GLK**13, HF06, HF17, HBF08, HWS17, JGH10, PS06, PGU**13, SMER06, SWL**14b, TKE16, WK06, WLY**14, XWW**13, YLL**12, ZCW**14].
Social-Event-Driven [YLL**12]. Societal
[KZZ**14]. Soft
[CA099, HCP**15, IHH05, TM0D15, ZC03]. SoftAR [PS15]. Softer [GLM**17].
Softness [PS15]. Software [CZ11, CAN14, FWL17, GU000, HK10, HA06b, OM09, RL1**13, TC09b, TL11, WLIW17]. Solid
[BDK98, BW01, BGK11, CZZ17a, CMF12, DHM13b, Fau99, HR07a, HR96, HQ04, OHH06, PKS**08, Qin09, SP96, VHLl14, YL18, ZJH07]. Solid-Fluid [VHL14].
Solid-State [PKS**08]. Solids [LIG06, PC13, RSB96, SPB96, WNN11, WM13b].
Solution [BTC13, EGO9, LS07a, LC02].
Solutions [ALBR16, JDSR**18, MS04, NLKH12, PLK12, XYL13]. Solver
[CM12, JFTW07]. Solving
[DRW16, LM96]. some [AL06]. SOMFlow
[SKB**18]. Sonic [MLCM16]. Sonification
[RNE**17]. Sonification [RNE**17]. Sort
[LNRN96, MAW11]. Sort-First
[MAW11]. Sort-Last [LNRN96]. Sorted
[IK95]. Sorting [CICS05]. Sound
[AM13, CLT**08, DRHK07, MAK14, MRG**15, MMY16, NTS11, OMD**12, RNLO9, RNE**17, RSM**16, YL18, LCO07].
Sounding [YLL18]. Sounds [NTS11]. Soups
[PLK12]. Source [MYI13, MAK14].
Sources [MFB**06, MAF11, SMN16]. Space
[AJ17, AAB+13, AMA08, BB12, BSM+13, BT14, BS02, BEJK12, BLB+17, CMSW04, DK10, DSF+14, ERHRF10, FB18, FSME14, FWT+06, GCW+16, GLB16, HAAB+18, HQ13, HPC+13, IWR+18, JH13, JA18, JZLG09, KBD+11, KL03, KLM04, KLC17, KSSW09, KDA+09, KW13, LvWJH04, LMZ+14, LSG06, MWCE09, MM08, NM13, PSG04, PSTW+17, PZ07, PBCR11, RKG+11, SFA+15, SHS13, SHB+14, SKP07, STYC12, SPK+07, STH13, TC17, TNS10, VB18, WS07, WZK12, WM13a, Wen14, WFM+12, ZwZD15, ZHL+09, Ano96b].

Space-Based [LvWJH04].

Space-Efficient [TNS10].

Space-Filling [BB12, Wen14, WFM+12, DSF+14].

Space-Frequency [HQ13].

Space-Filling [BFE15, BM10, DNL+06, DRRD12, FWR00, IWSK07, JE13, JS98, MB01, dJOBNM17, PDM+14, PCG15, RKG+18, SLF+12, VABW09, YSI+10, wWN04].

Span [Ano96b, LSJ96].

SparkClouds [LRKC10].

Sparse [BT13, CTT+16, DdL14, GZL+14, HYZ+12, JvdLR13, KSH03, LBG+16, LK11, SKMH14, WYL+14, WS16, YXFY18].

Sparse-Sequence [YXFY18].

Sparsely [CYW+16, CL11].

Spatial [AMJ+12, AN13, AAL11, AAFW17, BBJ+12, CJM05, FTES13, Guo09, HSZ+11, IK15, IHS17, JSB13, KBV17, LLL+10, MWC06, MM+13, MBL+06, MK13c, NO97, dJOBNM17, OSS+17, OPH+16, PBN+13, PIS15, RKS13, RSB17, SNM16, SR17, SJ06, Sin07, SPW02, TC13, VHI16, WBK+08, YPI13, BDM+17, PSKN06].

Spatial-Temporal [SPW02].

Spatialization [TSW+07].

Spatializations [HBM+13, TSD09].

Spatialized [JWC05].

Spatially [LLL+12, NSW+17, SYYC11, WLHL13, WD08].

Spatial [BZGV14, BAB+18, FPV+13, Lin16b, SM17, SLQW17, T1S16, WG16, WDSC07, vLBR+16].

Spatio-Angular [BZGV14].

Spatio-Temporal [BAB+18, FPV+13, Lin16b, SM17, SLQW17, T1S16, WG16, vLBR+16, WDSC07].

Spatioangular [RHZN11].

Spatiotemporal [BMJK09, BTHD11, CLS+12, CLZ+18, KJW+18, KDA+09, LKS13b, MRH+10, MMT+14, MLKS18, NXSL13, SvdBLM11, WMWL11].

Speaker [Ano13t, Ano13u, Bai13, Bla12, Cze12, Fra12, Kas12, Min13, Sat13, Seq12].

Special [AD12, Ano12g, BDC17, BHTY15, BGK11, BLRW05, CCH14, CLS07, CW11, DS17a, DW17, Ert10c, FB107, GKR14, GJK15, GW13, GMM05, HK10, Hag98, HYY16, HKQ13, HLM10, Joy02, JLS15, KMN04, KRTvW06, KS14a, KKL11, KHSB11, KPGL12, KL14b, LS06, LSCN09, LST+16, LBKD09, LABS10, MH10, MY14, MW13, Moo03, MGW10, MYM08, NsvW11, OA11, Ota17, PZ12, PUR09, Qiu09, RVWT05, SK16a, SK15, SGR06, SSL08, SL11, SW17, TL11, Var01, VV12, WLW17, WM05, WBE+06, vWMT04, vW11, BvdP12, DFQ12, ILMH12].

Speccific [CCQ+14, KCS+16, KGPS13, RBGH14].

Specification [AHSS14, DV05, Sei15, SPEB18].

Specifications [KWP01, SFMB12].

Specifying [SKL+14].

SPECT [MSSD+08].

Spectral [BMTD05, BMWM06, NK06, NvdVS00, SK13].

Specifications [KWP01, SFMB12].

Speed [FC95].

Speeding [CMM+97].

Speeds [NSN14].

Spheres

[SPK07, PZ07].

Speech-Synchronized [KP05].

Speed [FC95].

Speeding [CMM+97].

Speeds [NSN14].

SPH [ICS+14, BK17, FAW10, LTKF08, PT17, YML+17].

Sphere [CL06, FS04].

Spheres
Strategies [DSP+17, GR15, KWH00, MTM+16, MPG+14]. Strategy [MS08, PM08, PPM+11, SKS+14].

Stratified [QLLM+13]. Streak [BFTW09, FBTW10, KGW09, USE13, WT10a, WTS+07]. Stream [BWF+10, KHS+18, KM96, THW+05].

Streamable [LGLR14]. Streaming [CLZ+18, HKC+12, LS07a, LGW05, LKWH04, LSHH16, THM15, VCL+07, ZK07]. Streaming-Based [LS07a]. Streamline [CGC+11, CCK07, FBB16, HM95, LS07b, LMG06, MLL+13, NLS11, RS12, RT12, SS06a, SCKR08, Sun03, TMWS13, TWSS16, TEC+16, USM96, USZ97, WLZM10, YWSC12, ZWZ+13].

Streamlines [MWSJ+14, MCHM10, PW13, Wen14, WS01]. Streamlining [SLA+09]. StreamMap [LBH18]. Streamribbon [USM96].

Streams [BSSB10, HBJP12, LWG05+16]. Streamsurfaces [ZDL03]. Streamtube [CCAL12, USM96]. Streamtubes [WB08, ZDL03]. Street [NZS+17, SZY+18]. Streets [VABBW09]. StreetVizor [SZY+18].

Strengths [DBB10]. Stress [CZZ17b, CRB+05, DGBW09, GH13, GLH+14, WWS+18]. Stressful [RKA+13].

Stretch [yKL12, SM06]. String [BAP+17].

Stripes [KHH+16]. Stylize [BAP+16]. Stroke [CRH05, LPK+16, MSA17, OK11].

Strokes [GJJ+12]. Strolling [DRD+12]. Strong [XA09]. Structural [Hu16b, LLC15, NRS15, SMERO6, TKW08, WFS+16].

Structure [BW14, BRT12, BL07, CQM10, CLB11, DNP07, EBB+15, FWR00, Guo95, HNR+06, HTE11, KBPG13, LBG+16, LBM+06, LMZ+14, LGLR14, MZFM98, SR17, STM08, TLD+12, Tay02, WKB+13, XNT11, YLZ+13, YEE12, ZH151, ZCL19, BDM+17]. Structure-Aware [BL07, TLD+12, YEE12]. Structure-Based [FWR00, Guo95, HTE11, KPBG13, LMZ+14]. Structure-preserving [CLB11]. Structure-Significant [MZFM98]. Structured [BKM13, BSW16, CYB08, DFF96, FBPH17, GMD+16, MZFM98, MHDH07, SFS+17, TD14, TD15, TNS10, WHFL14, WZC+15, XA10].

Structures [BFL06, BWP+10, GGTH07, GZ11, GSG96, GHP+16, HVSW11, IWS+17, JMK, MQF06, MWC+12, MCS+08, RHD+06, RC06, SP07, SWB+00, SFB+12, TNB11, TGS11, WZK04, WKB+13, WJR+13, WAWS18, XYC+18, ZWZ+16].

Structuring [MWCE09, VB18]. Student [TrRd12].

Studies [AABW12, FWD+17, FIBK17, GSO8, aKS12, LBI+12, MGH10, PBO+14, SS06b].

Study [ARRC11, BDJ14, BHZ+12, BOP15, BV06, BKH+11, DPW+15, DLW+17, DJ18, FPV+13, FCL09, GKL+13, GBW17, GBFM16, GZL16, HBAB14, JCRS19, KP312, KJL14, KLG+16, KMLM16, LKJ+05, LTM18, LSC+12, LD11b, MRO+12, MRS+12, NWB14, OM09, PLC+11b, PFK+08, SZB+09, SNLD06, SMN12, TKE16, WBJ16, XRP12, dLV+06, RSR+16].

Studying [BGC+11, HZM+16, RKS+13]. Style [ARB07, CH03, DFG+13, FCL10, GH13, GLH+14, WWS+18].

Style-Significant [RKA+13]. Style-Aware [ZJX+15].

Style-Preserving [MSS14].

Styles [CWM11, SJM14].

Stylistic [KZW+16, WKB+07].

Stylization [HLYL18, KISE14, KKSE17, yKL12, KCS13].

Subdivision-Based [LHYF12].

Subdivision-Surface [BDJH14].

Subgraphs [MJ90]. Subjective [AL06, MIO+15].

Subliminal [BL15].
Subsets [YFYP10]. Subset [YS17]. Subsets [GGL+14a, LPK+13].
Subspace [CZZ17b, KJ12, WX17, WM18, YXG+13, YRWG13]. Subspaces [WMI18].
Substitope [BLS04]. Substrates [SAM06].
Substructures [Hu16b]. Subsurface [AWB11, HFG+12, NSS14, SAM+07].
Subtle [LDFZ14]. Subtyping [GNDV+18].
Subway [AABS+14]. Success [KHE09].
Suggested [BEDF16]. Suggesting [ZAM11]. Suggestion [BRT12].
Sugiyama [Bac07]. Suite [SM04].
Summarization [HFB18, TSH14, WPS+16].
Summarization-Based [CCM+13]. Superimposing [DZL+14].
Summarizing [BFL06]. Summary [BMW17, CXR18]. Super [RZNS04].
Supercluster [MQO06]. Supercomputing [EGH+06]. Superconductor [GPP+16].
Supercubes [WD90]. Superellipsoid [JKM06]. Superellipsoid-based [JKM06].
Superimpose [SSJ99]. SuperMatching [CCM+13b]. Superpixels [PZLZ17].
Superquadric [SK10]. Supersymmetric [CCM+13b]. Supervised [KW11].
Supervision [KEV+18]. Supine [NMGK17, ZMG+10]. Support [DBD18, DFD+14, Hu16b, HTC09, KWS+14, MTRP10, NHB+17, PMCS11, PTMB09, STM17, SRCP02, SRCP03, SOL+16, TAE+11, TFJ12, WKCB07, YDC+14].
Support-Induced [Hu16b]. Supported [NJJ11, ZHLR14]. Supports [Ano12m].
Supporting [Ano11g, HSCW13, HTL13, HMSA08, KSL+17, KPS16, MT14, MGPH06, PSPM15, RAL+17, SVG16, WPS+10, ZG+18, vHP09]. Supports [BMST97, IDA+14]. Suppression [BL15, SFC+07]. Surface [AG16a, AG17, APS+14, AMB+13, BH07, BRT12, BMR+99, BDJH04, BK12, BAB+18, Bon98, BS08, BN12, BFTW09, BKW10, CGL+17, CWQ+07, CG07, CG08, CPG09, GWBO12, GR04, GSG96, GCZL14, GH95, Gu09, HBG11, HAT+00, HKG07, HC+16, HYB+17, HPC+13, JR07, JKLG08, KE09, KFS+17, KY06, LLLN+14, LB+08, LGQ09, LLWQ13, LPS+13, LQLX14, LB17, LBH14, LLRR08, MS08, MW99, MDHB+07, NWI17, NKh11, OJ12, OMD+12, OKI15, ORC07, PB13, PBL10, QLM13, RvWT08, RE14, RL08, SFH06, SH14, SAR96, SB04, SO17, SF04, SSG16, TC09a, TWSM+11, VP04a, WWC+14, WPG05, YKL+08, YFFX18, YSS+12, ZG12, ZWW+12, ZGHG11, ZKK02].
Surface-Based [BRT12]. Surfaces [AT05, ABCO+03, BHW06, BHS12, BWF+10, BEHP04, BBK07, BS16, CGD97, CLCQ12, CFM+13, CRT04, CRH05, DPR00, DBTH07, FT13, FTB10, GKT+08, Gor02, GR04, GTHL01, HB03, HDBC15, HGH+10, IFP97, IYS13, JSG09, KCOY03, KMDZ10, KGPS13, KSS09, KTCG17, KMDZ10, KGPS13, KGJ09, LvWJH04, LRLO6, LLFF08, LTWH08, LB+08, LRZM11, LBZ+11, LHZ+04, MQV00, MGKH09, MGDO00, MWK+08, NWHD16, NPPZ12, NHPN14, PZ11, PYW+16, PLC+11a, PPT+11, PMCS11, QMV98, RASS17, SM09, SM11, STS10, SN10, Sti98, Tac10, TP12, TC17, USE13, VAW14, WWB+13, WTW+08, WSS09, WB05, WDC08, WT10b, WK17, YXSH13, YT02, ZHT07, ZTZ17, ZDW+05, ZK14b, ZGH11, vWC06, vFWTS08]. Surfel [YYR17]. Surgery [BTB+04, CDA99, HCP+15, KOCJ12, LRF+11, NWB05, RGF+04, SSH14, SLK+17a, WZW+05, TGP09]. Surgical [KSS09, KSI+96, MTRP10, SLK+17a, STH13]. Surprise [CH17]. Surveillance [MI13]. Survey [BNPB13b, BN12, CZ11, CAN14, COCSD03, DLR09, FHKM17, Han16, HMM00, JBS06, KHI13, MUS16, Mor13, POM+09, SHS11a, SS06b, SSG12, TCL+13, WBK+07, dOLO3]. Surveyor [ADG11]. SurVis [BKW16]. Suturing [BTB+04]. Sweep
[IMS15, KGPS13, SM97, SYR11]. Sweeping [GMD*16, SP96]. Sweeps [vRKEE17].

Swirling [WSTH07]. Symmetric [CSNP11, HLL97, HVSW11, JKM06, PYW*16, SK10].

Symmetry [LJZ12, PZ11, TN11, TN13, TN14].

Symposium [AD12, BvdP12, BDC17, BHTY15, CW11, Ert10c, GKR14, GJK15, GW13, HK10, HV16, HKQ13, JLS15, KS14a, KHSB11, KL14b, LST*16, LBKD09, LABS10, MH10, MY14, MFS*09, OA11, Ota17, PZ12, SK16a, SK15, SW17, TL11, VD12, WL17, vW11, CCH14, DFQ12, NvW11].

Synchronization [HBKS09, LLL06].

Synchronized [KP05]. Synchronous [BE09]. SynCoPation [RSM*16].

Synopsis [CXR18, NXSL13]. Synteny [MMP09, BGM*17].

Synthesis [AS98, BJELYW01, CDR*18, CTM*13, DML*06, DWK*16, VdP97, FXG12, FR13, FCSF17, GIS03, HCP*16, HKYM17, KCP08, LPK12, LHC16, LFP07, LBZ*11, LHZ*04, LCS*12, LJWF12, LSS*15, MCP*06, MK13a, MM11, NTS11, RB07, RNE*17, RSM*16, WWSY04, WWY14, XZ*17, YL18, ZLG*06, ZHQ*07, ZSTR07, ZKG*07].

Synthesis-Coupled [RSM*16].

Synthesized [YYSZ06]. Synthesizing [MSSH14, VML97]. Synthetic [ALM11, ZLD*14].

System [AK02, AVHK06, BDF*10, CL06, CDW*16, DRHK07, DHO2, EG03, FC15, GCML06, HF06, INC18, aKS12, KNR17, KKWW05, Lac96, LBS14, LDC96, LRF*11, MGJH08, MY13, MFS*09, NB95, NKLH12, NQX*05, NT99, PKS*08, PW17, PMD*07, RHJ*16, RBH14, RNN*15, SST*17, SW13, SWY*17, SVLF10, SYS*06, STH02, TKT09, TMH*10, TIK15, TGW*95, TLM05, WK13, WTL*09, WD16, ZFA*14, vLFR17]. Systematic [FIIBK17, IIIC*13, PS06, WCR*18].

Systems [ATK16, BKDE00, BS02, CSL*16, CCQ*14, CLB*16, CFC17, DRHK07, DNM13, EG09, FW17, GPK14, GS06, GBCG*14, HKC*12, HBC12, MGS*14, MNKW07, NKHC08, NWS03, OSS05, PSM12, PFK*08, RK17, SSMG13, SSG12, Sim07, SBHW11, SLV*10, TYSN06, YNYH06, YON05, YON06, vHvdWvW02, vPVvdW10].

T [Ano14f, KSY14]. T-ReX [KSY14]. Table [Ano10f, Ano11k, Ano12n, Ano13s, Ano14q, Ano14r, Ano15o, Ano16t, LRF*11, RBLW07, WLS*18, CLS13a].

Tables [NSH*18]. Tabletop [IFP*12, LH11, MBW*07]. Tabletops [HS14]. Tabular [GGL*14a, HTL13, PDF14, WCC*18, YS17].

TAMO [NSH*18]. Tactile [BIAI17, YNYH06]. Tactile/Tangible [BIAI17]. Tag [LRK10]. tagged [CYW*16]. Tailored [BLO*05, HCMTH15].

Tails [SSS13]. Takes [Nie95]. Taking [FFB18, GS16, Seq12, YAE07]. Tangent [NJ99, ONL*12, WT10a]. Tangential [VB13]. TanGeoMS [TMH*10]. Tangible [BSB*18, HF10, HJC14, TMH*10]. Targets [SSE15]. TargetVue [CSL*16]. Task [wAPS14, AG16b, DBP14, GPC17, GLB16, JA18, KKC15, LFP07, LCS*12, LDA12, RKS13, RBK*15, TKAM06, BPC*10].

Task-Based [LFP07]. Task-Driven [AG16b]. Task-Overlapped [GPC*17].

Tasks [BM13, CPG*15, ERL18, FM06, FKS16, GJC*17, aKS12, KPR*14, LTM18, LRM*13, LB17, MCG12, OIR*17, SNHS13, WBK*08].

Taxi [ADWK*17, FVP*13, HZM*16, LWL*17]. Taxonomy [wAPS14, ED07, ET08, KKC15, KOJC12, KCW13, MRSS*12, Rot13].

Taxonomy-Based [MRSS*12]. Taylor [MIMMY97]. Teaching [BGM*17, KS*96, RRJH18]. Team [SJL*18]. Teammates [RCL*15].
[RCL+15]. **Techinal** [Ano10d]. **Technical** [Ano11d, Ano12h, Ano13j, Ano13k, Ano13d, Ano13f, Ano14k, Ano14l, Ano14e, Ano14g, Ano14f, Ano16k, Ano16l, Ano16c, Ano16e, Bil13, Ehe17, Hee18, Sch13, Sil17a, Sil17b, Sil18]. **Technique** [ARRC11, Ano05d, BS95, BE06, CLB+16, CM08, HBAB14, HHH16, JS95, KMM+13, KSW06, MRS+13, MIO+15, PNM10, SMD14, SMT13, SKP07, SFR+10, TNS10, WSM+09, WFM+12, YON05, ZLB+05, ZZG+12, vFWTS08]. **Techniques** [AB01, BW03, BFM07, BL07, BM05, BPS+11, CFEC17, DDG17, DRRM13, EF10, FKL17, JBS06, JCRS09, Kas12, KZL07, Kei00, KCW13, MCG12, MJ09, NT03, PJ03, PFW09, SPCJ06, SDMT16, SBJ+10, SKL+14, SOK+16a, SOK+16b, VGKS12, WBJ16, WEE03, YEII12, ZWBH13, JSV+08]. **Technology** [Ano12g, Ert10c, MW13, TL11, WIL17, vW11, HK10, Min13]. **Teichmüller** [JZL09]. **Teico** [WXZ+16]. **TelcoVis** [WXZ+16]. **Teleoperation** [CWC+06]. **Telepresence** [BKFK13, KNR17, LWG05, OWS15, RZP+07]. **Telepresentation** [YNYH06]. **Telexistence** [TAK+05]. **Tell** [KDX+12]. **Telling** [LKS13a, SH10]. **Temperature** [KLSK12]. **Template** [LG13, YSL11]. **Template-Based** [YSL11]. **Templates** [HA18]. **Temporal** [AAFW17, BFP14, BSH+16, BJBJ+12, BABB+18, BMW17, CRX18, DSP+17, FVF+13, FSE12, GGJ+15, GPB07, GHA+08, GS14, GBFM16, GDBK17, HSCW13, HBB16, HSR13a, JFSK16, KKC15, KSS09, KPS16, LS09, Lin16b, LSS09, LPK+16, LYK+12, MTM+16, MLL+13, SMB+15, SLQW17, SPW02, TIS16, TNT17, WPS+09, WG16, WGS09, vLBR+16, WDS07]. **Temporally** [CRH05, WLH13]. **Tennis** [PYHZ14, RBLW07, WLS+18]. **TenniVis** [PYHZ14]. **Tensile** [SVAC12]. **Tensor** [AWHS16, CYZ+09, DGBW09, FA15, HLL97, HV5W11, JKM06, KWH00, KW06, PYW+16, PLC+11a, RC06, SS08, STS10, SGM+11, TKW08, WL16, WKB+13, WXC+08, ZDL03, ZHT07, ZYL09, ZSL+16, ZZP05]. **TensorFlow** [WSW+18]. **Tensors** [AS89, GRT17, OJ12, SK10]. **Terascale** [TBR+12]. **Term** [LD11b]. **Terrain** [BS16, CE01, GY02, KLJ+09, LP02, Ste98, WSD+13, WBP07, WCB+12, ZSTR07]. **Terrain-like** [BS16]. **Territorial** [vGMSW15]. **Tessellated** [SPM+13]. **Tessellation** [LSP12, RLW+11, YW16]. **Test** [JCWD14, KW01, KYK11, LKK17, SVAC12]. **Testbed** [KMSB14]. **Tests** [HFCM12, WLSW08]. **Tetrahedra** [SCT06]. **Tetrahedral** [BLW14, CDM+04, GW06, GH95, KL96, KTCG17, NJ99, THJ99, VCL+07, WFKH07, ZG06]. **Tetrahedralization** [Ma05]. **Text** [AMJ+12, CSM+10, CLC+15, CG08, CLT+11, CLWWW14, DFG+14, DYW+13, FPB17, FBM16, GUFM15, GBW17, HKBE12, KJW+14, LYW+16, LYK+12, PKL+18, SOK+16a, SOK+16b, vHWV09]. **TextFlow** [CLT+11]. **Texton** [War90]. **Texts** [BW17]. **TextTile** [FPB17]. **Textural** [HLYL18]. **Texture** [BW08a, BEY1W01, BMR01, BPK07, CJR07, CR08, CDR+18, DT10, DWK+16, EWWL98, FST+14, GIS03, G015, GK95, HAT+00, HPC+13, HDJ05, IFP97, JW+14, KSNY17, KHS04, KHB13, LYY08, LH+04, LJWF12, MZX15, PS12, RB07, SLW+10, WWYS04, WEE03, WSE07, WDC08, YNBH11, YLY+12, ZDW+05, ZKK02]. **Texture-Aware** [DWK+16]. **Texture-Based** [HPC+13, WEE03, WSE07, CJR07, CR08]. **Texture-Mapped** [PS12]. **Textured** [APS+14, IYS13]. **Textureless** [SPP+14]. **Textures** [BS16, HE99, HHM14, JEH02, LA11, Ney98, QY07, SC15, TDN+12, WWY14]. **Texturing** [BHW06, BH07, BMPB08, CDK04, DHM13b,
FH06, KAK+07, MNZ+15, RDB+12.

Thaumatrope [SC15]. Theatres [LLKN17]. Their [HQ13, MSvG+11, OHJ+11, YLZ+13, BOZ+14, BLG+16, FNM13, PFP+11].

Thematic [CH17, HHWN02, VJN+15]. Theme [Nie95, Nie96]. ThemeDelta [GJG+15]. ThemeRiver [HHWN02].

Theoretic [XLS10, CJ10]. Theoretical [BTS+18, CFEC17, LNS08]. Theory [BEJK12, DPC+15, Ke100, LIT04, MY96, STS10, SZHR11, TTR10, VFR13, ZWJZ12].

Therapy [ZCSS10]. Thermal [SGAS16].

THERMAL PLOT [SGAS16]. Thermoforming [ZTJ17]. Thickness [GLH+14, LGV+16].

Thin [ELF13, GLB+06, GQGP17, HNR+06, SH12, VAW+17, WKZL04, YNYH06, ZQS11].

Thin-Shell [GLB+06, ZQS11]. Thinking [WCR+11]. Thinning [IYK01]. Third [Kas12]. Thomas [EDK10]. Those [BJD+07]. Thread [MMYK06, WKZL04].

Thread-like [MMYK06]. Threading [PTMB09]. Threats [MKN+07]. Three [ADP02, BSL+14, CCAL12, EHS13, FZC+07, GNP+06, GNP07, HEWK03, HNR+06, MBS+04, NE04, RSF14, SLB04].

Three-Dimensional [ADP02, BSL+14, CCAL12, EHS13, GNP+06, HEWK03, HNR+06, MBS+04, NE04, SLB04, FZC+07, GNP07].

Threshold [TWBBM17]. Thresholds [SBJ+10]. Thumbnail [WSYM17]. tially [BJM07]. Tick [TLH10]. Tight [KZW+16].

Tight-Fitting [KZW+16]. Tile [HDJ05, NC07]. Tile-based [NC07].

Tileable [LPF+07]. Tiled [BI12, ETO+10, LSJ+15, NHH07, RLM10, SM11, tCMR07, ETO+10]. Tiles [HCP+16].

Tiling [LLLF08].

Time [AL11, AMM+08, AmO14h, ASMP17, BSH+16, BGT12, BRT12, BTB+04, BGM+07, BGM+08, BLS17, BAF+13, BTB10, BTH+13, CLS+12, CKW+12, CLC+15, CK05b, CORLS96, CMPC06, CDA99, CMP14, DAW13, DS16b, FWSL12, FKRW17, FSHH12, GKT+08, GSS+15, GSCI15, GMD13, GSL+17, GABJ08, GSDJ04, GWBO12, GB08b, GW11, GWP+16, GGPPS13, GT17, GHF+16, HKF16, Har16, HE06, HB14, HLRC+12, HRS15, HD05, BBJ+14, JEG12, JME10, JS06, JY17, KRHH11, KL96, KLK+09, Kin10, KC14, KLL12, KMDZ10, KJ09, KGG+12, KDA+09, KKB11, KG06, LB16, LCR16, LDSM17, LS02, LKC09a, LKC09b, LS09, LKSL13b, LMC02, MB03, MLKS18, MT01, NSW+17, NQX+05, NSH+18, OBJ16, OK115, PSS17, PD04, PMP10, PS17, Per95, PKMR15, RGF+04, RHF+16, RS12, RKSH11, RLA+13, RHD+06, RASS17, RBLW07, SBV+11, SBS16, SOS+17].

Time [SK16b, SKP07, SK98, SCL+12, SN10, SKU+12, SJH+07, SVGR16, SB06, SGAS16, SAC+08, SSR+07, SHR+11, SH00b, TCM06, TWS05, TWBBM17, TLC+10, THV+14, USE13, VMT06, WRM+10, WFKH07, WBJ16, WYM08, WTW+08, WC09, WC10, WFW+17, WHZ+18, WCJ06, WSE07, WXY17, WS06b, WS09, XESV97, XCH+14, YML+17, YLK12, ZQS11, ZHX+11, ZW12+16, ZDM13, ZCPB11, cKJG+12, dRBS+12, vdZCT16, CJR07, FSME14, GCML06, KBD+11, KW13, SFA+15, WSY07].

Time-Dependent [GKT+08, KRHH11, KL96, KGG+12, SBV+11, TWS05, USE13].


Time-Octree [WC09, WC10].

Time-Oriented [AMM+08, RLA+13].

Time-Series [GS17, KLB+09, KKB11, SGAS16, WBJ16, XCH+14, ZCPB11].

Time-Varying [Ano14h, BRT12, BLS17, CKW+12, CLC+15, CMP14, FWSL12, GABJ08, GSDJ04, GW11, GWP+16, Har16, HE06, JEG12, JS06, JY17, KG09, KG06, LS09, LMC02, OBJ16, PS17, SK16b, SK98,
SB06, SSR’07, SH00b, WFKH07, WYM08, W09, WC10, WCJ06, YLK12, DS16b, KC14, NSW’17, KBD’11, CJSR’07.

**TimeBench** [RLA’13]. **Timeline** [LZW’13]. **TimeLineCurator** [FBM16]. **Timelines** [WBJ16]. **TimeNotes** [BLB’17, FBM16]. **TimeSeer** [DAW’13].

**TimeSpan** [LPK’16]. **Tissue** [HCP’15, SWB’00, SAM’07]. **Tissues** [CDA99]. **Title** [Ano12p, Ano11i, Ano14j].

**TOD** [GPC’17]. **TOD-Tree** [GPC’17]. **Together** [ZCJH12]. **Tokens** [HJC14].

**Toleranced** [Gué’99]. **Tomography** [AHR’11, WAG’12]. **Tone** [BKA’11, FYWY16, LRPP’97, SJB10].

**Tone-Mapped** [FYWY16]. **Tone-Mapping** [BKA’11]. **Tongue** [GYV’13]. **Tool** [BISM14, CRJ06, CGB’13, FBP’17, IDA’14, KGS’08, MLMF12, MHD’18, MAAB’18, PBO’14, SZD’10, SD12, SKW’11, SGPR’18, UK’18, YYT’16, WOCH09].

**Tool-Hand** [CGB’13]. **ToolKit** [TFL’18, BDK98, BH99, CPW’15, HAA’17, MTRP10].

**Tools** [BCB10, BDFM17, BYB’13, FH06, HKBR’14, NJ99, SP’06, SH12]. **Top** [LS10, LFRO3, SOR’09]. **Top-Down** [LFRO3, LS10]. **Topic** [AG16b, CRLR13, DYV’13, EASS’18, GJG’15, GNDV’18, KPK’17, SXLW’14, XW’13].

**TopicLens** [KKP’17]. **TopicPanorama** [WLL’16].

**Topics** [CLT’11, CLW’14, WLL’16].

**TopKube** [MLKS’18]. **TopoAngler** [BDSS18]. **Topographic** [CDM’06].

**TopoLayout** [AMA07]. **Topological** [AMA07, BEHP04, CLB11, DFD’14, DCK’12, GKN05, GJR’14, GNP’06, KCA16, MBS’04, OHWS13, RML12, RFL18, SJJ17, STS07, SDHH12, SPCJ06, TL07, TWHS05, TP12, TKW08, TGS11, UMW’12, WB07, ZPP’05].

**Topologically** [FA15, GDN’07, SS13b]. **Topologically-Informed** [FA15].

**Topologies** [RE14]. **Topology** [AHK’17, BDSS18, BDD’16, BWT’11, CL11, ESBV98, ENS’12, HHVW96, HLL97, LTT04, LBG’08, LJWH08, LRFR03, MLCM16, MKW07, OHJ’11, PBC17, RNL11, SKMR98, SP’16, SB06, TN11, TFL’18, USE13, WXJD17, WDC’07, WJE01, WLZM10, WDW16, ZC06, ZJH07]. **Topology-Aware** [WZML10].

**Topology-Based** [BDSS18, BWT’11]. **Topology-Controlled** [WDC’07]. **Topology-Preserving** [BDD’16, WXJD17, WJE01].

**Tornado** [TT05]. **Toroidal** [SCT’10]. **Torso** [SMTT’17]. **Total** [ZWZ’15]. **Touch** [LODI16, LRF’11, WLL’12, YSI’10, ZZD14]. **Tourism** [NM13].

**Tourism-Inspired** [NM13]. **Tournament** [TSLR07]. **Tournament-Style** [TSLR07].

**Traced** [WHL’16]. **Traceless** [JKM06].

**Traces** [AAM’12, IBJ’14]. **Tracing** [BWW’12, CLT’12, CLT’08, COJ15, IHR01, KL96, MAST16, MGY16, MGW10, NKP’15, NO’97, NK06, PPL’99, QCH’14, SN10, SK00, Stü’98, TCM’12, UKF’18, WFM’05, WFKH07, WJA’17, WSC’95, ZGH’18, LCM’07]. **Track** [DNN13].

**Trackballs** [HSH’04]. **Tracked** [HWHK16, OIR’17]. **Tracker** [KDX’12].

**Tracking** [AABH’16, AJ17, BDF16, BVP’H09, BWP’10, BC12, BKH’11, CDF14, CMN13, CMPC06, DH08, DS16b, GL17, GPP’16, GLB16, IDA’14, JER16, JA18, KW13, KHH’16, KHSW17, LH09, LKC09b, LG12, LWW’13, MWC’12, NBW’14, OKI15, PLW11, PLW12, PSR17, PKMR15, RKS13, RKK16, SGG16, SYM14, SPP’14, SW’97, TNT17, THV’14, WRM’10, Wu16, YNM15, CJSR’07].

**Tract** [EBB’15]. **Tractography** [PFK07]. **Tracts** [JDL09, MSE’06]. **Trade** [RPHI08].

**Traditional** [BKH’11, CB15, CH16].

**Traffic** [AAFG18, CDT’18, LBL’12, MV06, MKN’07, SHVV16, SvDBLM11, WZwD13, WYL’14, WSLL12]. **Trail**
[HEF+14, HPNT18]. **Trainable** [OK11].

**Training** [BC18, CPG+15, DRHK07, FTES13, GS16, HKBE12, LLQ+17, LSC+18, MTRP10, RBK+15, RBB17, SSH14, SB14].

**Traits** [FDC+18]. **Trajectories** [ADWK+17, AAFG18, COMP13, HTC09, JM10, LWL+17, NBW14, SWvdW11, VJN+15].

**Trajectory** [AdLH13, HZM+16, KJW+18, LLL06, MI13, SYM14, TSAA12, WZvdW13, WYL+14].

**Trajectory-Based** [SYM14].

**Trajectory-Preserving** [LLL06].

**TrajGraph** [HZM+16]. **Transaction** [KHDL07, LSS09].

**Transactions** [Ano14c, Ano14j, Ano15a, Ano16f, Ano16a, Ano17c, Ano18a, KHE09, XCH+14].

**TransCAIP** [TKTN09]. **Transcatheter** [BSR+14]. **TransCut** [LSR+13].

**Transfer** [ACTM12, ADDG12, CR08, CPG+15, CM08, CM11, EMRY02, KKH02, LWS+17, LLL+12, LLY06, MWC09, MJW+13, NHP114, RSB17, SSK06, SG09, Sel15, SHR+11, WZK12, WQ07, XJF+08, ZGI+18, ZT09].

**Transferring** [PZ07].

**Transfers** [KHSS14]. **Transfinite** [SFA+15].

**Transform** [FM07, HCMTH15, LS13b, SPB96, SCYW16, ES05].

**Transformation** [AAB+13, FE17, LCP+13, LDW+15, PSK06, WZ08].

**Transformations** [DSS+09, LL05, MPK+13, YMY08].

**Transforming** [DW14, WSL12].

**Transforms** [SK00].

**TransGraph** [GW11].

**Transition** [AW03, GW11, PV06, vHvdWWvW02].

**Transitional** [JCG08].

**Transitions** [BFP14, BBG+09, CDF14, HR07b].

**Transitive** [KL03].

**Translating** [NW15].

**Translucent** [KSTE06, LSR+13, NS14, WLLC15].

**Transmission** [OHH06, YS03].

**Transmissive** [IHS17].

**Transonic** [CDL+16, DCH+17].

**Transparency** [BCS11, BS11, CFM+13, CWM+09a, ESSL11, HO05, MM17, SC15, Zha14].

**Transparent** [DK13, GQGP17, IFP97].

**Transparently** [FH07].

**Transport** [BB09, DT10, FT09, HOGJ13, DSC+16, SPS06, SKLU+11, ZSG+13].

**Transportation** [PGSF16, ZFA+14].

**Transpost** [OHH06].

**Travel** [SFR+10, ZLB+05].

**Traversal** [GIK+07, HL09].

**Traversing** [ZZM06].

**Treatment** [JDSR+18].

**Tree** [BHP+12, BKH+11, CBLD11, GZ11, GPC+17, HSF+06, IPD+07, IC07, LPP+06, LXL+18, TSLR07, TdJ14, TdJ15, WXJD17, WV08, XYS+16, ZGH+18, ZT09, TdJ14].

**Tree-Parts** [XYS+16].

**Tree-Structured** [TdJ14, TdJ15].

**Treelike** [MK16].

**Treemaps** [BL07, GSWD18, KHA10, SSV18, TC13, TS07, TS08, WvdWl06, WD08].

**TreeNetViz** [GZ11].

**TreePlus** [LPP+06].

**TreePOD** [MLMP18].

**Trees** [AMA06, BS11, CMM+07, DN13, EG09, FDC+18, GKO7, HSCS11, MvG+11, MLMP18, PFP+11, SNO7, TFO09, WFM+05, ZLD+14, TGP09].

**TreeVersity** [GGPPS13].

**Trenches** [SMM12].

**Trend** [GSL+17, LS09, LD11a, RFF+08, SKK+14].

**Trend-Centric** [SKK+14].

**Trending** [WO017].

**Trends** [AAFW17, LMKC10, LOC+14, OBJ16, WHZ+18].

**Triangle** [AFRS05, GHI+98, HH+10, HHQH17, LXB17, LGLR14, MvS+16, Ros99, VP04b, WZW+05, YPL13, eYL07].

**Triangles** [FR12, ZK12].

**Triangular** [CCS12, Del08, GSG96, HTF97, LFRO03, ST109, VCP08].

**Triangulated** [BG04, BEHP04, GH95, WDC08].

**Triangulation** [FHSW13, GCT17, QCT13, YSS+12].

**Triangulation-Invariant** [YSS+12].

**Triangulations** [HB03].

**Tricubic** [KCOY03].

**Trilinear** [AS98, CM10, HTF97].

**Trimmed** [St698].

**Trimming** [HR07a].

**TripAdvisor** [NM13].

**Trips** [FPV+13].
Trivariate [RE01a, WLL+12]. True [HV13].
Trumps [SOR+09]. Truncated [NDS10].
Trust [DLW+17, SSK+16]. Truth
[KDX+12]. Truthful [MK13c]. Truths
[LB17]. Try [HSR13b]. Try-On [HSR13b].
tSNE [PLvdM+17], Tubes [STM08].

Trumps [RE01a, WLL+12]. True [HV13].
Truncated [NDS10].

Tuboids [PFK07]. Tubular
[AH11, SMG+13, WKB+13]. Tugging
[AMA11]. Tumor [KKMS11]. Tuner
[TWSM+16]. Tunnel
[BSWL12, LLL+12, MGJ+10]. Tunnel
[ZZM06]. Tunnels [BLG+16]. Turbine
[SOL+13]. Turbulence
[KLySK12, LPQF14, TBR+12]. Turbulent
[HPAW07, LBM+06, LSY+18, SW97].
Turnaround [NB95]. turned [SBS16].
Turning [WLHD17]. TV [TKT+09].

TVCGL [Ano09a, Ano09c, Ano09e, Ano09d, Ano11]. Ano12. Ano13a, Ano13b. Twitter
[TKE16]. Two
[CF10, GLX17, HMBG01, JDL12, KRHH11, KBH13, KCPS08, LVRH07, LTKF08, MPT03, PSN10, VHLL14, WHK15, ZC06, HSKIH07].

Two-Phase [CM16, DVCD07, GLX17, KY11, MFS+09, RDB+12, SL95, TMWS13, WWS+18].

Two-Pass [MPT03]. Two-Phase
[GLX17, PSN10, ZC06]. Two-Way
[LTKF08, VHLL14]. Type [LBH14]. Typed
[FHM08]. Types [BC18, RESC16].

Typographic [AMJ+12]. Typology
[BM13, ERL18].

Ubiquitous [BFE15]. Ugly [BTS+18].
Ultra [FSTG16, KWDG11, YDG+16].
Ultra-Compact [YDG+16]. Ultrasonic
[PH07]. Ultrasound [WKSS05, zBBKN14].
Unambiguous [BRH+17]. Unbiased
[YWW14]. Uncalibrated
[SM09, WLDW11]. Uncertain
[FKLT10, GHP+16, LCP+13, PMW13, SE17, SNG+17]. Uncertainty
[AE13, ASE16, BBIF12, CZC+15, FBW16, GSWD18, GBP+13, GR04, GBFM16, GHL15, HLNW11, HKKS18, LFLH07, LLZ+16, LBR+17, LPPY07, MRO+12, PH11, PRH10, RWG+12, SHM10, SSK+16, SZB+09, SZD+10, SKS12, SDW11, SPB08, TK14, TVET14, WMK13, WPI96, WYM12].

Uncertainty-Aware
[CZC+15, LLZ+16, PRH10]. Uncluttered
[WJR+13]. Uncluttering [FT09].
Unconstrained [THV+14]. Uncover
[GDG12]. Uncovering [DBB10].
Underestimation [HUPS14].
Underexposed [ZNZX16]. Understand
[GGZL16, LLB+12, LWD+17].
Understanding [AAB+13, BCF+13, BZS+13, CLT+11, DSC+08, FLF+11, GWP+16, HDR+13, LBM+06, LXC+17, LDM+18, LBLE+14, LODI16, MRH+10, MGJ+10, NXW+16, UDSL18, VFR13, WLJ+12, WKB07, WWS+16, YaKSJ07].

Unfamiliar [LKH+16]. Unicube
[HWL+11]. Unified
[CM16, DVCD07, GLX17, KY11, MFS+09, RDB+12, SL95, TMWS13, WWS+18].

Uniform
[BTV+14, LLKN17, NO97, ONL+12, Zha05].
Union [DN13]. Unit [MGJ+10]. Units
[CMR08]. Universal [vdZCT+16]. Universe
[FH07, GB08a, MOC+14]. Unobstructed
[CGB+13]. Unsteady
[BS95, FC95, FPH+08, GZL+14, GHP+16, HLNW11, HLG+14, JEH02, LM05, SWCR15, WSTH07, WSE07, WGS07b].

Unstructured [CICS05, CBPS06, CDM+04, CWSW04, CHM11, FPB17, FB16, GJ10, Har16, KM96, MJK06, MEB+14, MHDH07, RL08, USM96, USM97, WMS98].

Unsupervised [KEV+18]. UnTangle
[CLG16]. Untangling [DvW+12, RD10].
Untapped [HFM16]. Unwrappable
[FWZQ13]. Upper [MZH+08]. Ups
[VB18, LLLN+14]. UpSet [LGS+14].
Urban [CWK+07, DZMQ16, DFD+14, FPV+13, HZM+16, MDL+17, OSS+17].
PY09, QWC09, SZY+18, SWF+16, VABW09, WXZ+16. **Usability** [GS08, KWL14, KLD+09, Sim07]. **Usage** [SOK+16a, SOK+16b]. Use [BVW+07, CFEC17, DPW+15, HJC14, aKS12, LMK07, PGU+13, RB11, TJW+17, WZ08, WKB+13].

**Use** [RZP12, WCR+11]. **Usefulness** [KPR+14]. **User** [BHST17, BTH+13, BLO+05, BGR06, CSL+16, CLRP13, DC17, DLF+09, FCL09, FM06, GS08, GDJ+13, GBFM16, HF10, HBJ+12, JH+09, KKW+17, LKJ+05, LWZQ17, LAK+11, LGY+12, LCS+12, MFZ+17, MPG+14, Pldm+17, PSM12, PKB+12, PBC17, RGFL14, RLM0, SKK06, SZ+09, SS06b, SMP17, SPG14, XRP+12, YE+16, YCHZ12, ZGG+17, vHR08, GSL14].

**User-Assisted** [LAK+11]. **User-Authored** [ZGB+17].

**User-Based** [GS08]. **User-Centered** [GDJ+13]. **User-defined** [JJ09].

**User-Driven** [CLRP13, SPG14].

**User-Generated** [DLF+09, vHR08].

**User-Guided** [BTH+13, MFZ+17].

**User-Perspective** [BHST17]. **Users** [BOZ+14, FTES13, GMD+17, PPP12, SGQ16]. **Uses** [Sat3].

**Using** [Ajj+08, AMJ+12, AZM12, AHH+17, AHH06b, ASMP17, AWB11, AERA14, AHL+13, BA05, BSS+13, BBC15, BB09, BDF16, BJEY+01, BT13, BBD+11, BSE+17, BWC04, BJM07, BJ+12, BWW+17, BSO+12, BARM+12, BPM+13, BWT+11, BMBP08, BC12, BDW+08, CGC+11, CGD97, CvW18, CDR+18, CML+07, CDS+12, CCM+13b, CVG13, CL06, CKLL09, CMM+07, CML+12, CCM12, CRB+05, DKL11a, DHL09, DRW16, DlL14, DWB06, DFD+14, DYW+13, DTT+17, DKM06a, EG09, EJR+14, FSHH12, FC95, FGF+05, FT09, FG99, FMST96, GSA+09, GMD13, GdBG12, GLM06, GU00, GO15, GK95, GSG96, GPPPS13, GH95, GN12, GGZL16, GWK12, GSZ+13, GKK+12, HBJP12, HBG11, HTF97, HJW99a, HJW99b, HYFC14, HAGS16, HH10, HEWK03, HA04, HHHM14, HRN+03, Hu16a, HZM+16, HR11, IHK05, IVJ12, IK95, IYK01, IYK04, IHSM17, IFM14, JKL16].

**Using** [JEG12, JWSK07, JBMS09, JFTW07, JW0, JDA+11, JFBB10, JML0, JFY16, JCRS+09, KIL07, KSH03, KJ+10, KLS, KLM04, KL07, KJ12, KISE14, KHM+98, KS01, KMK6, KA12, KSD+14, LH03, LLY08, LKC09a, LKL+15, LFP07, LGQ09, LBZ+11, LDN11, LL05, LL+13, LB17, LLL+10, LLLR08, Lin16b, LCS+12, LSG12, LSJ96, LFR03, LPK+16, LSM03, LLYP07, LSS+15, Mal05, MW09, MGJ+10, MDS16, MKW07, MMMY97, MM08, MZC+16, NMK17, NW17, NSW+17, Ney98, NW10, NHN07, NT03, OHH+11, OK11, PBN+13, PPT+11, PKL+18, PvdBC+11, PPZ+12, PW13, PGU12, QT+13, RN09, RS12, RvWT08, RNK+15, RML12, Rob98, RHR16, RRJH+2, RNE+17, RL08, SCT06, SLG09, SM09, SMO+13, SSI09, SG09, SBSG06, SW13, SLG+17, SR00, SK00, SLMA06, SB14, SGAS16, STH03, SRMO+W1, SC15, SAC+08, SRML09, TKN09, TCYM09, TTR0, TN13].

**Using** [TZL+12, TWSM+11, TRED12, TLC+10, VP09, VFR13, VJC09, WFM+05, WDC+18, WLL+05, WGS07a, WL08, WC09, WC10, WCZ+11, WFS+16, WLH17, WCJ06, Wen14, WBH04, WJR+13, WHM14, XNT11, XF04, XA10, XYGL13, YHYM08, YBZW14, YKL+08, YSD+17, YCLJ12, YLSL11, YCLL08, YLG+14, YON06, YCHZ12, ZMG+10, ZC03, ZDL03, ZPS04, ZK07, ZL08, ZC11, ZHX+11, ZDM13, ZGW+14, ZK14a, ZWZD15, ZGI+18, ZCO6, ZHJ07, ZTO9, ZKK02, ZWFB13, ZHPG11, vPVvdW10, vRKEE17, AMB+13, BJJK09, BL15, DMS+08, EDF08, GA+08, HKG07, HBF08, HHG14, IBJ+14, JR07, JKRY12, JQD+08, KGP+13, LCM07, LPK+13, LWP+06, MSE+06, SH010, SJ06, SFL+16, TS07, YEB16, ZSG+13, vPBB+10].

**Utero**
PSKN06, PKL+18, PW12, RB07, RB18, SS18, TC09a, WWB+13, WSYM17, WAG+12, WMA+16, WS09, WPZ+11, YHLJ08, YYFX18, ZH15, ZWC+16, ZNZX16, ZKK02, vEvW14, vLBR+16.

Vials [SAB+16]. Vibrotactile [dJOBNM17].

Video [Ano14h, BGC017, BBS+08, CBH+06, CCL+16, CRH05, DFG+14, DTW+15, FH06, FR13, GSPJ08, HB14, HKH+12, KB+11, KCW13, LCP+13, LPS+13, LGY12, LLY+13, LDX10, LZW+13, MI13, MFZ+17, NXS13, OH12, PLC+11b, PZ07, PWG17, Rob08, RSSA08, RG05, SJS+15, SJK+12, TT05, TUG17, WKB08, SML+12, YL12, ZH+17, ZNX16].

Video-Based [FR13]. VideoPlus [Tay02]. Videos [ARL+17, RPAC17, WKB07, WKB+08, WCW+16, ZDJ+09]. ViDX [XMR17].

View-Dependent [GLRH13, RY+18, HSY10, IYS13, JS06, KLMA10, KERC09, KNO15, LP02, MCHM10, MGJ+10, MTB17, MSM+11, PD04, PKB+12, RBK+15, S09, S0+17, TEC+16, TLS17, Wah14, WC09, WC10, WKB03, YSG05, ZEC08, Zh05].

View-Independent [GLRH13, RY+18, HSY10, KNO15, LP02, MCHM10, PD04, TEC+16, TLS17, WC09, WC10, YSG05, ZEC08, Zh05].

Viewable [OHH06]. Viewing [BH06, IDW+13, KBG07, LH11, LK11, LDN11, LOD16, TKT09, TUG17, vWN04].

Viewpoint [IAIK16, JNC+15, LPS+13, LD10, TMWS13]. Viewpoint-Dependent [IAIK16]. Views [BBH+17, BBD06, BG06, CMP09, GKN05, HT09, LBD13, Lin16b, QH18, Szy+18, Wea10, WAG06, ZAM11, v0W6, vEvB14]. VIGOR [PHE+18].

Virtual [Ano12e, Ano14], Ano14d, Ano14e, Ano15c, Ano16d, Ano16e, AS11, BGC+11, Bai13, BB07, BZS+13, BAP+17, BTB+04, Bill13, BL15, BPS13, BPS12, BSWL12, BLRW05, BC18, CPG+15, CWL12, CLL08, CPG+05, CR06, CVC+12, COMP13, CWC+06, CMPC06, CLS13a, DS17a, DV95, DJK+06, DL12, DRHK07, DDKA06, ERL+13, ESV98, FWW16, FS14, FBL07, Fuc13, GLM+17, GPL+13, Ger17, HK10, HBJP12, HWHK16, HSR13b, HHC01, HMT10, HSH04, HLRC+12, HBT14, HK16, HR11, ILMH12, INCB18, JAM+14, JSB13, JW10, KHS14, KBS13, KPBL16, KCT+17, KKL11, KYT+18, KKP08, LKC09b, LYS+10, LLQ+17, LSCN09, LIM+12, LBS+16, LWL+06, LDR00, MWCR06, MY13, MBZ12, MRG+15, MeH17, MF11, MT01, NWF+05, NNS14, NTS11, NSS03, OBS+15, OIR+17, PFW09, PWHK16, PBK+12, PK12, PB16, PGI+17].

Virtual [RBK+15, RSBB17, RJD+07, RZP+07, RGF14, RKA+13, RCL+15, Ros13, SGQ16, Sat13, SSD9, Sch13, Seq12, SL08, SMP17, SVL10, SLMA06, SSL08, SFL+16, SWH11, SB14, SAC+08, SFR+10, SLF+12, TMDO15, TMM+13, TLS11, UK12, UKF+18, VSS08, VBC+16, Wah14, WJD17, WL17, WKB06, WGC+08, WBA+14, YQK+17, YAE07, ZLB+05, ZK17, ZBB+06, vPB+11, vTRvdM97, SL11].

Virtuality [RRD+13]. Virtualized [SvdBLM11]. VIS [GCML06, IK+17, Ano09e, Ano13v, Ano13t, Ano13u, Ano140, Ano14s, Ano14t, Ano14u, Ano16p, Ano16v, Ano16w, Ano16x, Ano17p, Ano09d, OIS+17, RASS08].

Vis-A-Ware [OIS+17]. VIS-Stamp [GCML06]. VisHera [LYE13].

VisBricks [LS+11]. VisComplete [Koo08]. Visous [BK17, PT17]. VisDock [CPW+15]. VisFlow [YS17]. VisGuSt [DCC08]. VisiBility [CICS05, COCS03, CF10, CMSW04, CM11, Dac11, FWT+04, HXF+15, KS01, KJL+12, KKCS98, LR97, LSS13, MAST16, OSS+17].
PPZ+12, Ste98, WC13, ZZBWo8, vRKEE17].  
Visibility-Aware [OSS+17].  
Visibility-Driven [CM11, ZZBWo8].  
VisibilityCluster [WC13].  
Visible [IIS14, KS00a, KS00b, MCP+06, TSB+05].  
Vision [CK16, CWC+06, DH08, MOF09, MOF10, OTKS15, RSSa08, SS95].  
Vision-Based [DH08].  
Visitor [LHD18].  
VisTiles [LHD18].  
Visual [AHSS14, AJDL08, AABH+16, AMM+08, AAMG12, AAMH13, AH+14, AHRG10, AABW12, Ano12g, ASMP17, AERA14, AIS18, BW14, BDF16, BBD+11, BCT13, BKW16, BH+16, BAAK+13, BI12, BBG+09, BJ+16, BAF+13, BARM+12, BPM+13, BBF12, BBD+16, BISM14, BC12, BS+09, BM10, BSWL12, CGSQ11, CWZ+14, CSL+16, CLG16, CLZ+18, CGM+17, CWT+08, CBH'06, CCM+14, CYW+16, CCL+16, CXR+11, CYG13, CDF14, CDW+16, CORLS96, CMPC06, CLB11, CCM12, CFC17, DLW+17, DSG+17, DGWC10, DR08, ERlw18, Eic00, EAS+18, EDF08, ERHrf10, EDF11, EGG+12, Ert10c, EBB+15, FHKM17, FKLT10, FPV+13, FMH08, FHG+09, FZCQ17, FWG09, FBMI6, GFG+14, GBP10, GKL+13, GJZ+14, GS14, GLG+13, GS06, GRVE07, GBFM16, GHL15, GXZ+18, GDB17, HSEW13, HWWK16, HSR13a, HKR+08, HE12, HKBE12, HKKE16, HEG+17, HLRC+12, HWB14, HFG+12, HMZ+14, HPvU+18, HSTD18].  
Visual [HTA+15, HZM+16, HAS11, HOJGJ13, HVF13, HJJC14, IDA+14, IFP+12, JER16, JBMS09, JFS16, JAO+14, JE13, JYC+10, KAKC18, KGS+08, aKGS11, aKS12, KLYE13, KNRI7, KLM+08, KMDH11, KH13, Kei02, KRTvW06, KV08, KLM+09, KKP+17, KOJL+14, KBGE11, KJW+14, KDM+16, KMG+06, KHH06, KSDD14, KPS16, KS02, KTE15, KG06, KW13, KHSW17, KKL+16, KEV+18, LSSB12, LB13, LMK07, LHD18, LRM+13, LCP+13, LGM+18, LBK+18, LXC+17, LLB+06, Lin16b, LS09, LS10, LH14, LS16, LYW+16, LWL+17, LDM+18, LXL+18, LBT+18, LGS12, DSC+16, LF+16, LDFZ14, MWSJ14, MRO+12, MRH+10, MPK+13, MHS07, MEV+14, MRRS+13, MMT+14, MWCR06, MKN+07, MMH+13, MPWG12, MGJH08, MGKH09, MGJ+10, MGS+14, MES+11, MBH+12, MPOW17, MW13, MAAB+18, MGM09, MZC+16, MTRP10, NHB+17, NHM+17, NSN14, OJ15, OB1J6, OSSK12, ODH+07, PBN+13, PSSC17, PFP+11, PSPM15, PSTW+17].  
Visual [PGK16, PKL+18, PGU+13, PVF13, PQF+09, PLvdM+17, PHV+18, PHE+18, PTMB09, PDW+14, PSM12, PB16, POM+09, PV06, QCX+07, RBK+15, RWF+13, RFL18, RLA+13, RNE+17, RM15, SSS+14, SSK+16, SZE+17, SKBE17, SNL06, SGB13, SZK15, SH+14, SW13, SMER06, SWY+17, SZY+18, SPN+16, SKU+12, SYS+06, SLK+17b, SLMA06, SS18, SWS+11, SPG14, SSL+12, SGPR18, SWL+14b, TAE+11, TKE16, TBHC16, TevET14, TFJ12, TWSM+11, TSD09, TFW11, TLLH12, TSH+14, USKD12, UDSL18, Vas16, VJCC09, WSD+13, WDC+18, WCR+11, WS06a, WK13, WZvdW13, WYL+14, WM16, WFW+17, WCC+18, WV08, Wea09, Wea10, WCR+18, WAG06, WFM+06, WFC+06, WDS07, WX+08, WCQ+09, WLY+14, WPZ+16, WXZ+16, XCH+14, XZM17, XWW+13, XMRC17, YYR17, YHW+07, YSD+17, YDC+14, YRvG13, ZMH+09, ZYM+14, ZMZW15, ZM17, ZHF+07, ZCW+14, ZSCT18, ZWC+18, ZK08, dOL03, vW11, vdEHBV16, vLBR+16].  
visual [LSC08].  
Visual-Interactive
[BHZZ+18]. **Visualization**
[ED07, GMD+17, KKC15, YDGM17].

**Visualization** [AvHK06, AL06, AJDL08, AMJ+12, AMZ12, AD12, AJ17, ADG11, ALBR16, AHK+17, ARB07, ARRC11, AHHMF11, AR17, AWC10, AH11, Ano10c, Ano10d, Ano11i, Ano11c, Ano11d, Ano12h, Ano13j, Ano13k, Ano13c, Ano13e, Ano13d, Ano13f, Ano14c, Ano14j, Ano14k, Ano14l, Ano14g, Ano15a, Ano16f, Ano16a, Ano16k, Ano16l, Ano16b, Ano16c, Ano17e, Ano18a, APS+14, AB01, ASE16, AMB+13, BRH+17, BW08a, BFE15, BRT12, BB07, BCH+13, BE18, BKDE00, BGOJ16, BMW06, BI12, BJB+12, BWW+17, BZGV14, BLS17, BVW+07, BAB+18, BSL+12, BARM+12, BYB+13, BBK+16, BSR+14, BH09, BBS+08, BSL+14, BEJK12, BRBF14, BEDF16, BHTY15, BVPtHR09, BM13, BE09, BPS+11, BGM+17, BMW17, BFTW09, BvL06, BVB+11, BTJ+13, BAW16, CR08, CDC+07, CSL+10, CFM+13, CCH14, CZ11, COJ15].

**Visualization** [CWK+07, CBH+06, CYB08, CWDH09, CJ10, CCAL12, CJC+15, CG16, CDL+16, CLC+15, CR06, CQO+14, CPW+15, CFHH09, CMPS97, CDM+04, Cvw11, CDF09, CW11, CSM06, CM09, CDM+06, CRB+05, CQZ+08, CRPH10, CP14, DK11a, DPW+15, DSSK08, DBM+06, DDW14, DBH14, DZMQ16, DFQ12, DDGL07, DBGW09, DBW11, DP00, Di17, DDB17, DK11b, DLR09, DTW+15, DWBM06, DCH+17, DRMM13, DB07, DWS10, ES01, EGH+06, EDF08, ET08, EF10, EHP+11, EMdSP+15, ESN+09, FWD+17, FPB17, FKRW17, FCL09, FC95, FSE12, FSME14, FTES13, FH07, FH16, FM04, GGT07, GJ10, GNBP11, GLvP+12, GLH+14, GHGM06, GNSP+14, GJC+17, GDJ+13, GLK+13, GSWD18, GABJ07, GABJ08, GGA+11, GTS10, GST11, GRS95, GMM05, GJK95, GBM+12, GKM+15, GYO2, GST16, GCML06, Guo09, GMY11, GXY12, GGZL16, GKK+12, HBJP12, Hag98, HHO+17, HVY16, Han16]. **Visualization** [Han18, HM95, HHH16, HW12, HKQ13, HE99, HKR+08, HE12, HD12, HA06b, HMSA08, HB10, Hee18, HP04, HSF+06, HA04, HPRAW07, HF08, HMM00, HSSK16, HABAB14, HSC08, HLNV11, HKH+12, Ho106, HZH14, HNR+06, HPC+13, HTA+15, HD11, HDR+13, HEF+14, IPD+07, IC07, IDW+13, IIC+13, HKE+17, ILS+17, IYIK04, INC18, JHKH13, JEG12, JWSK07, JBS08, JHH+10, JKM01, JMK06, JKJTM06, JMKMG07, JFTW07, JHB+09, JPLS16, JHGH08, JEH02, JCG08, JH09, KMS09, KPHH12, KSG+16, KCJ+10, KHE09, KAM+08, KERC09, KHI13, Kei00, Kei02, KSH+18, KOJC12, KOC04, KKS13, KV06, KZD+10, KJW+18, KRH18, KW06, KS14b, KCS+16, KAK+18, KWDG11, KB+10, KBE17, Koo08, KLL12, KJG09, KBE09, KKKW05, KSW06, KKH+16, KML16, KCM18, LBS14, LKJ+05, Lam08, LBI+12, LSO7a, LVR07, LCM09, LvWJH04, LHH+12].

**Visualization** [LLL+12, LGV+16, LTPH17, LS09, LIRC12, LSS13, LKH+16, LKK17, LKW04, LTO4, LSS+11, LGS+14, LDC06, LLO6, LTHW08, LBH18, LDN11, LBH11, LP02, LLRR08, LLC11, LNS08, LS10, LCS+12, LST+16, LBR+17, LDA12, LPK+16, LTP+05, LWL14, LSM03, LLPY07, LRF+11, LLCM12, LMLF12, MRO+12, MKHD05, MB03, MHG10, MDL07, MG10, Mar18, MK16, MCK12, MHD+18, MA08, ME09, MMAM14, MeK09, MI13, MJK06, MSW+08, MMYK06, MSE+06, MRS+13, MVB+17, M SSD+08, MKNKW07, MDS+18, MQF06, MS+18, MTW+12, M003, MMCE09, MEB11b, Mor13, MHGD11, MGW10, Mun09, NMG17, NW15, NDM+97, NJ0B7, NLKH12, NKKH14, NSW+17, NKKHC08, NZ06, Nie95, Nie96, NOB16, NSvW11, NH06, ORRL10, OJ12, OHJ+11, OM09,
SAB+16, Sun03, TRd12, TTS10, TS07, VRW13, VBW16, VvVvdL06, WHZ+18, Wil18, WPL96, WS+W+18, WYM12, ZFA+14, ZDL03, ZCL09, ZWJZ12, ZWR14, vLdL03.

Visually
[DYW+13, GdBG12, LKC09b, LK+12, LOC10, MOC+14, PGSF16, PIS15, QM16, YLZ+13].

Visuo
[CGB+13, EPS+15].

Visuo-Haptic
[CGB+13, EPS+15].

VisWeek
[Ano12q, Cox11, Cze12, Fra12, Heg10, Sza10, Tha11].

Vivaldi
[CCQ+14].

Viz
[RSSA08].

Viz-A-Vis
[RSSA08].

VizItCards
[HA17].

VLAT
[LKK17].

vLOD
[CPK05].

Vocabulary
[TWSS16].

Vol
[Ano14c, Ano15a, Ano16f, Ano16a, Ano18a, SB17].

Volume
[AWC10, ASW13, AD16, AZD17, AGDJ10, Ano09b, BLM96, BMTD05, BMW06, BH07, BJNN98, BG06, BGK06, BKW08, CR08, CICS05, CBPS06, CQ08, CWM+09a, CYZ09, CCB11, CCQ+14, CMPS07, CD+09, CHF95, CFH96, CML+12, CMWS04, CSC06, CM08, CM09, CHM11, Cse08, DSP+17, EMRY02, EJR+14, FM07, FM12a, FM12b, FAW10, FE17, FH16, FMST96, GMD+16, GMS+07, GHGM06, GAMD10, Guo95, GMY11, GXY12, GWK12, HLRS+08, HB+18, HBG11, HWHK16, HMBG01, HLM10, HA04, HL04, HMH14, HBC12, HZM13, HK14, IYK01, JV09, JH09, JKL11, KS13, KOC14, KKSS13, KW01, KV06, KMKY10, KW00, KISE14, KHM+98, KKH02, KPH+03, KHPS07, KHW+09, KJL+12, KPK08, LBG+16, Lac96, LSSB12, LSB013, LBS14, LCMH09, LGM+08, LYS+10, LS+13a, LR11, LLR08, LCDP13, LWP+06, LTP+05, LC02, LLY06, LLLP07].

Volume
[MB18a, MDC10, Max95a, MB18b, MAW11, MHDG11, Mur95, NKLH14, NJ16, NvdVS00, PM10, PPL+99, PK16, PHF07, PFK+08, PRH10, RSB96, RGB07, RPS09, RL011, RE01b, RDB+12, RL08, RZNS04, SE17, SWB+00, SMP11, Sel15, SKM14, SHC+09, SK00, SB17, SYR11, SGM+11, TLD+12, TCM10, TLM05, VKG05, WS06a, WGS07a, WM08, WTC+11, WWLM11, WK13, WDC+07, WEE03, WKLZ04, WMS98, WQ07, WK17, XTV+11, YES95, YL+12, YT95, YNCP06, ZM13, ZDM13, ZXM10, ZAM11, ZWM13, vPVvdW10].

Volume-Accurate
[AGDJ10].

Volume-Based
[PMP10].

Volume-Preserving
[HZH14, RSB96].

Volume-to-Volume
[FE17].

Volumes
[CMCL06, EMRY02, FG99, HBAB14, HK99, IVJ12, JS06, KCOY03, KSTE06, Mao96, MKW+08, SMG+13, SKMH14, SII95, WFKH07, WD10, vRKEE17].

Volumetric
[ASDW14, BAAK+13, BS02, BG07, EM06, FMST96, GWBO12, GW11, GWP+16, HRN+03, JFTW07, JFY16, JY17, KPR+15, KSS13, LLWQ13, MCE09, MK09, MMC09, MNC14, ND08, NT03, OK15, PCY08, QXF+07, SFA+15, SM16, SBSG06, SLK+17b, SH12, SEA09, WZQK04, WLL+12, WSE07, WGC+08, WMGE12, XYGL13, ZZS10, ZT99, TQP09].

VolVis
[YNC06].

Voronoi
[BTC10, LBH11, LS17, MOG11, ME11a, RLW+11, VCP08, YBZW14, YW16].

Voronoi-Based
[LBH11, MOG11].

Vortex
[GT14, JKJTM06, KRHH11, KWDG11, KGP+13, RC06, SWTH07, SOL+13].

Vortex-Turbine
[SOL+13].

Vortical
[OJCP16, PW95, VHL14].

Vortices
[GST16, GPP+16, HPAW07, SBV+11, WTS+07, WPB+11].

Vorticity
[HPAW07, PT17, SPS06].

Votes
[DR08].

Voxel
[PP97].

Voxelization
[DrL14, NDS10, SK99, ZD18].

Voxelized
[KS17].

Voxels
[MSHC99].

Voyager
[WM18, WMA+16].

VR
[DB14, LHM12, KKL11, LSCN09, SL11, Ano14w, Ano15a, Ano15p, AOE16, BTB10, CML+12, FAW17, F DSTG16, GLM+17, GS16, JK16, KAM+08, LBS14, LLBS17, PK16, PP+12].

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[DB14].

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[Ano16e]

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