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**Title word cross-reference**

#FluxFlow [ZCW+14].

(X, Y) [BBD+11]. + [CMP09, FWG09, QWC+09, WC11, ZZG+12]. 1 [SZB+09]. 2 [AL06, AJDL08, AHKMF11, ARH+15, BBiA09, BSH15, CKW+12, DNP07, DHM13b, DMC15, GRT17, GJR+14, JDL09, LKJ+05, LWS+17, LRN96, LJL04, LKR+18, 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, YEII12, ZWZ+13, ZWR14, vWN04]. 2.5 [APV+15, YSL+13, YJL+15]. 3 [ARH+15, AHR+11, BSB+18, BGCS17, BF01, BIAI7, 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, IFP97, IFM14, JSG03, JK16, JNC+15, JDL09, JBS06, JCDW14, KSG+16, KZL07, KCA16, KLG+16, KYT+18, KKKW05, LYY+16a, LS07a, LH03, LDH09, LKL+15, LKR+18, LDN11, LJJZ12, LL05, LY06, LB17, LGS12, LODI16, LSM03, MS08, MWSJ14, MW99, MCHM10, MAST16, MCG12, MH10, MY14, MJK06, MDS16, MES+11, MWC+12, NWHWD16, NB95, NQX+05, OA11, dJOBNM17, OHH06, PBO+14, PK08,
PLW11, PLW12, PJ03, PZ07, PH07, PUNI11, PGI+17, QY07, QWC+09, RSBB17, RHZN11, RT12, SK16a, SW12, SWB+00, SBV+11. 3
[Sel15, SKYS14, SPP+14, SPB96, SW97, SRW+16, SKW+11, SBW17, SW17, TKTN09, TCL+13, TNT17, TMWS13, TC09b, TLZ+12, TKAM06, TLC+10, VCP08, VAB12, Vas16, WH09, WWC+14, WM18, WTL+09, WQZ+18, WB08, WSE07, WXY17, WCB+12, WLDW11, YOS13, YPRI17, YLSL11, YL95, YSI+10, YEII12, YEII16, ZTP05, ZTZ17, ZPP05, ZCFL15, vLBB16, zBBKN14]. 360
[LXRY18, MS18a, ZLX+18]. 4

[BB09, BPM+13, CTGH13, CFHH09, HDJ05, INCB18, KGP+13, LHC16, ZH07, ZWR14, vPBB+10, vPBB+11]. 6 [GL17]. 8

R 3 ! R 2. 2

BB09, BPM+13, CTGH13, CFHH09, HDJ05, INCB18, KGP+13, LHC16, ZH07, ZWR14, vPBB+10, vPBB+11]. 6 [GL17]. 8

-Adaptive [KDBB17]. -buffer

-VPF15, Zha14]. -Buffers [WHL16].

-Clustering [BBD+11]. -D [MS08].

-dimensional [ZWR14, IHR01]. -DOF

[GL17, TIK15]. -DOFs [KHM+98].

-Functions [FGF+05]. -Nearest [CK10].

-Partition [ZK14a]. -Quaternion [Nie04].

-Subdivision-Based [WQS07]. -Test

1.5D [SWW+15]. 11 [RPHI08]. 1115

[CWDH09]. 15th [KHE09].


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

6 [BDF16]. 6-DoF [BDF16]. 7DOF [CLW18].

AABBs [ZK07]. Abdominal [SG09, Sel15]. Abilities [FTES13]. Ability [DBP14, OPH+16]. Ablation [RKS11]. Abstract [BM13, CL06, MHD+18, PTC10, SPL+13]. Abstracting [MJW+13]. Abstraction [AAFW17, CCM+14, CG07, CWR06, EBB+15, JER16, KLC09, KKM+13, LWC18, SMER06, VI18]. Abstractocyte [MAAB+18]. ABySS [NJB09]. ABySS-Explorer [NJB09]. Accelerated [BC12, KMH11, LM05, MK09, PSR17, QMK+06, SH00b, FM07]. Accelerating [LCDP13]. Acceleration [KRHH11, LQLX14, RGC+14]. Acceptability [KLD+09]. Accessibility [KKMS11, SR00]. Accessible [CKLL09, KMKY10, eYL07]. Accessory [KW14]. Accommodation [Kra16]. Accuracy [HV00, LB03, MKW07, SCKR08, WMS98]. Accuracy-Conserving [SCKR08]. Accurate [AT05, AGDJ10, BES12, BN12, DWB+06, FH16, GKT+08, GBP12, HSSK16, HR11, LDW+15, MCP+06, MNKW07,
Achievement [Ano10d, Ano11d, Ano13d, Ano14e, Ano14g, Ano14f, Ano16c, Ano16e, Bil13, Ebe17, Hee18, Sch13]. Achieving [PMvWC05]. ACM [BvdP12, BDC17, CLS07, GW13, HK10, KS14a, KPGL12, 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 [SS19, YL16]. Acquisition [LZD13, MWC+12, OWS15]. Across [GDST16, GGL+14a, HTC09, KHSS14, RGFLL14, BLLS17, KMDH11, YQK+17]. Action [BBS+08, JNC+15, MI13, WCR+11]. Action-Based [BBS+08]. Activation [AS11]. Active [BHZ+18, CVC10, GCL+15, RRJH18, WHP+18]. Actively [SMB12]. ActiVis [KAKC18]. ActiviTree [VJC09]. Activity [AAM+12, ERLW18, Mar18, MMAM14, OSBM14, RFFT17, STS+14, WS09]. Activity-Centered [Mar18]. Actuation [KJH+18]. Acuity [PK13]. Acuity-Driven [PK13]. AD [CLT+08]. AD-Frustum [CLT+08]. ADAPT [KMSB14]. Adaptation [ANR+18, Bac07, HDJ05]. Adaptive [BT13, CLCQ12, CL18, CZZ17a, CLT+08, DK11a, Dic14, DWB+06, EDF11, FM12a, GSA+09, GABJ08, GSDJ04, GB08b, Jen12, KSH03, KL07, KL14a, KNO15, KDBB17, LPKK12, LPLt11, LPQF14, MS08, MDS+18, NW10, NOB16, OR98, OR99, PBPP11, PMvWC05, RNL09, RLN11, STH13, SRML09, TSLR07, WL16, WSC+95, WPB+11, XESV97, XA09, YL08, ZG12, ZHZ15, ZPS04, ZHU05]. Adaptively [ATT12, WWC+14]. Adaptively Tree [TSLR07]. Adding [SRCP02, XST+18, SRCP03]. Additive [WAWS18]. Address [Cox11, Heg10, SDW09, Sza10, Tha11]. Addressable [LHC10]. Adjacency [DWvW12, HBW14, Ho06]. Adjoints [Chr03]. Adjustment [CLW18, DL12, HWHK16, LWZQ17]. Admissible [HQ13]. ADMM [OBLN17]. Adolescents [BZS+13]. Adoption [BISM14]. ADR [KST+14]. Adults [JBS+18]. Advanced [HFL18, KKP08, LS13a, LMG06, NWF+05]. Advancement [KMT14]. Advances [LMW+17, PKS+08]. Advection [GZL+14, Har16, HZ13, JEHO2, WSE07, YNBH11, ZHGH11]. Advection-Based [GZL+14]. Advections [KLLR07]. Adversarial [SKY12, WGY18]. Adverse [BSR+14]. Aerial [VABW09, ZHLR14, ZMY14]. Aesthetic [AG515]. Aesthetics [BW08c, PPP12]. Affect [RKC+16, VSS08, ZGC+17]. Affective [SPW07, VBC+16]. Affine [JCC+11, LQLX14]. Affordable [LPG+18]. Affordance [CC12]. Affordance-Based [CC12]. Affordances [BEDF16, GPK14]. Age [NC07]. Agency [JAAL18, KPV+18, RKC+16]. Agent [KMSB14]. Agents [DV95, GSA+09, PUNI11, WKW06]. Aggregate [CMFL16, TMDO15]. Aggregation [AA11, BWK+13, EF10, JER16, WPS+09, Wil18]. Aggregations [CvW18, YEB16, vdEvW14]. AggreSet [YEB16]. Aging [GdBG12]. Aid [KA12, SSMG13]. Aided [FY+17, HQK06, Yan18]. Aiden [Ano13u]. Air [AAGF18, EGG+12, KZL07, QCX+07]. Aircraft [Chi16, HTC09]. Airflow [ZMH+09]. Algebraic [AG16a, KS14b]. Algorithm [AGY+17, Ano96b, BM+99, BKS01, BW00, BLW14, CL18, ChLYL09, CMF+18, CL09, DBD13, DSF+14, GH00, Go02, HK99, IHR01, IYK01, IYK04, KNP04, KSO0a, KS00b, KS01, KDBB17, LKHW04, LMG06,
LDX10, LYY+16b, LSJ96, LB03, MS08, MM11, MPG+14, SK08, SPB96, Sil95, SM97, TLH10, WTL+09, XA09, YSYZ06, YMN15, YPR117, YXSH13, Zha14. **Algorithms** [AZM12, BLS04, CSM07, FHS+12, HBT14, KWP01, LLG17, PML97, PPP12, SJL+18a, TD95, TWSM+11, WHR02, vLBB16]. **Alias** [SK99]. **Alias-Free** [SK99]. **Aliasing** [CMFL16, MT05]. **Aligned** [CS08, CSC06]. **Alignment** [ADG11, FA15, JKM06]. **Alignments** [WWFT03]. **All-Frequency** [AGS11, AD16, HLY10, PMP10, RB11, AMB16, BSS16, BAAK13, BPK14, BCR10, BAF+13, Bon98, BPM+13, BISM14, BNTM16, BWT+11, BDW+08, CGS011, CSL+16, CLG16, CMI0, CZZ17b, CHW+18, CWQ+07, CDL+16, CRT04, CDK+17, DVP+18, DLW+17, DSG+17, DFD+14, DTW+15, DCK+12, DS16b, DCH+17, DB07, Eic00, EJR+14, FBP17, FCZ15, FMH08, FHG+09, FZCQ17, GFG+14, GKL+13, GMS+07, GMD13, GSL+17, GJC+17, GGA+11, GHL18, GLG+13, GRVE07, GQM+18, GXY12, GXZ+18, GWK12, HSCW13, HBG11, HEFR18, HMAS08, HTP+08, HV00, HMZ+14, HPV+18, HLG+14, HZ13, HOGJ13, JFSK16, JBMS09, JGBO8, KPPH12, aKGS11, KBE+18, KMDH11, KH13, KJW+18, KCS+16, KOJL+14, KLG+16, KBGE11, KJW+14, KMG+06, KBH06, KGG+12, KCP08, Lac96, LSSB12, LBS13, LTM18, LS13b, LSPS10, LGY12]. **Analysis** [LPLT11, LLCL15, LLB+06, Lin16b, LSS09, LH14, LS16, LSL+17, MHS07, MEV+14, MS04, MKN+07, MGKH09, MGJ+10, MBL+06, MMDP10, MBH+12, MDHB+07, MGO9, MZC+16, NMGK17, NDR96, OJ15, OBJ16, OSSK12, OJCG16, ODH+07, OHWS13, PV13, PYZ14, PH11, PMO+09, PV06, PBCR11, QCX+07, RESC16, RS12, RAL+17, RFW+13, RML12, RFL18, RKC+16, RCG+14, RB18, SZS+17, SKB+18, SPS06, SJ17, SFT+10, STM17, SHV16, SFB+12, SHM+07, SGB13, SF14, SK13, SHB+14, SW13, SOL+13, SMER06, SYS+06, SLK+17b, SR00, SS18, SSL+18b, STO2, SSL+12, SGPR18, SWL+14b, TK17, TKW08, TFH11, TLLH12, TKBH17, USKD12, VP04a, WZVW13, WLS17, WK06, Wea10, Wen14, WGS+13, WG16, WMA+16, WPS+16, WCQ+09, WLY+14, WPZ+16, YCX+18, XWW+13, YSZ04, YRWG13, ZZD14, ZGC+17, ZYL09, ZYM+14, ZMCM15, ZCPB11, ZCCB12, ZCWC+14, ZGB+17]. **Analysis** [ZWC+18, ZTZX13, ZBBW08, eKJG+12, dLVL06, tCMR08, vLRB+16, WTS+07]. **Analyst** [WM16]. **Analysts** [GDJ+13, GGZL16]. **Analytic** [CFEC17, DSP+17, KGS+08, LDDM17, MYM16, NXW+16, PLK12, SKB+18, WPC+13]. **Analytical** [AJ97, AN09b, 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, GGD+18, GS14, GDBK17, HHKE16, HSTD18, HTA+15, HZM+16, IFP+12, aKGS11, aKS12, KYE13, KRvW06, KSDD14, KTE15, KW13, KHSW17, KKL+16, LCP+13, LGM+18, LXC+17, LYW+16, LWL+17, LDM+18, LFA+16, LWLM18, MWSJ14, MRH+10, MHR+11, MMT+14, MGS+14, MW13, PBN+13, PKL+18, PGU+13, PLvdM+17, PHV+18, PSBS12, PSM12, RLA+13, SSS+14, SSK+16, SNLD06, SWY+17, SKU+12, SLK+17b, SPG14, TKC17, TKE16, TKBH17, WSD+13, WDC+18, WGY18, WCR+18, WAG06, WFM+06, WFC+06, WSM+09, XCH+14, XZM17, XYG+10, vW11, vdEHV16.

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

Analyzing [AMM+08, AJ17, AHH+14, BWJ+10, BvL06, CR06, Dal11, FHKM17, KSDD14, LBS14, LSC+18, MK13a, ORRL10, RO06, SKK+14, TSH+14].

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


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

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

Angles [LSK+18]. Angular [BZGV14, DMC15, GPL+11, vAPP+11].

Animal [KBH+10]. Animated [BFP14, BGB15, CDF14, CMP14, HR07b, LWW+07, NKP+15, NDR96, WASQ18, vRKEE17].

Animating [Dan16, LSV+18, Ney98, ZBO13].

Animation [APP11, BW08a, BvdP12, BBa09, BDC17, CGD97, CTHG13, CDR+18, CLZ+03, DNL+06, EGS03, FvdPT97, FC95, HZM13, JAO+14, KL07, KS14a, KP05, KLI4b, LPG+18, LGV+16, LJL04, LG15, LLPY07, MD12, MPT03, NB95, NT99, OH12, Ota17, Per95, QYH+18, RLNN11, RFF+08, RM13, SRS02, SK15, TYSN06, TLY+10, VMT06, WBA+14, YNN03, ZPS04, ZWW+12, ZHF12, SCRP03].

Animations [CRH05, HE06, KIL07, LXB17, YLL+12, ZCZ+09]. AnimoAminoMiner [BLG+16]. AntiPaint [OH12]. Anisotropic [AD16, ATT12, DPR00, FHHJ08, FT09, HM10, KBBH13, LB13, QLLM13, YSS+12, ZHZ15]. Anisotropically [LKC09a].

Annealing [KH01]. Anniversary [KHE09]. Annotation [BMW17, GS06, PWHK16, ZGB+17].

Annotations [ZGB+17]. Annual [Ano01a, Ano03b, Ano04a, Ano09a, Ano10a, Ano11a, Ano12a, Ano13a, Ano14a].


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, Tay02, VBC+16, Zho16, ZKM18].

Appearance-Based [MSM+11].

Application [BTB+04, BGM+17, DMR04, GGA+11, HLRC+12, HFG+12, KKP08, LLBS17, LKC09b, LRF+11, MTB17, OMD+12, PPF+11, PM08, PNML08, PPM+11, STS10, SD11, SGM08, YNYH06, ZWA+13].

Applications [AB01, B112, BSO+12, BJK+16, COCS03, CSM07, FDFR10, GXX+13, GTH07, GMM05, Gué01, HQ13, Hub95, ISC07, JKJTM06, JBS06, Kei00, LLI04, LL04, MGPH06, MK13c, NTS11, QMK+06, RPF11, RSD+13, SJJ+18a, SLA+09, SXM17, SWC+08, SK13, Ste98, WGS07b, WDC08, YL16, YML+17, YXM+15]. Applied [Kin10, SCT06, dLVvL06, vAPP+11].
Applying
[CLB13, HSTD18, SKK+14, TFO09].

Approach [ADWK+17, BMTD05, BJK+16, BW01, BMW17, CBL07, CCB11, CHW+18, DC17, DGW11, DBB10, DSC+08, DCKY02, FM12a, FHG+09, FBL05, GNBP11, GIK+07, GNP+06, GBHP08, HBJP12, HM95, HBW06, HZM13, HNR+06, HZM+16, KHA12, KLYE13, KSO2, KTE15, KGZ+12, KYS06, KCM18, LBS13, LVRH07, LAK+11, LT18, 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, WGY818, WFC+18, WCC+18, WASQ18, WQZ+18, WBH04, XCH+14, ZXM17, ZHF12, ZHLB13, ZGM18, vdeHB16, WBD14]. Approaches [CK05a, FHKM17, FTES13, HB13, JAA18, LDI1b]. Approaching [WAW818].

Approximate [HQ07, JWD+14, KMDZ10, TFO09, Wau11, Wil12]. Approximated [PL vd M+17]. Approximating [HTF97, JSG03]. Approximation [BYA15, CGL+17, GGG+18, LRZM11, PA06, RKSH11, SCOTI05, WXC+08].

Approximations [GS96, HJW99a, HJW99b, KH01, LDM17, WBH04].

Arbitrarily [PHF07]. Arbitrarily [BWW+12, HB03, LLL08, LTWH08, LBG+08, LJWH08, LHZ+04, NPPZ12, RNK+15, RE14, VBP+11, WDC08, YXSH13, ZC06].

**Architecture** [ARB07, BWW+12, BGM+07, BGM+08, CGC+11, CFHH09, FH07, HKC+12, LLW15, MB03, MGPH06, MFS+09, NKP+15, PTMB09, SRHH16, SS95, SLF+12, Wal12, ZPS04, LLLN+14].

Architectures [HQQ12, RPSC99, SHC+09, SFL10]. Area [CDK04, LDM17, LDN11, NSZ+17, RSFH14, SNM16, TGS11, Wil12, XHL18, ZSG+13]. Area-Based [LDN11].


Artworks [ZJX+15]. As-Rigid-As-Possible [LG15]. As-Similar-As-Possible [LG13]. Ascending [NMN+18]. ASCII [zx+17]. ASK [AvH06]. ASK-GraphView [AvH06]. Aspect [FSW13, J13]. Aspects [CZ11]. Assemblies [LSZ+18, NBJS09]. Assembly [CPG+15, DBP14, MLS18, SLMA06, XMR17].

Assembly/Maintenance [SLMA06]. Assessing [BRBF14, CB15, DBP14, MDF12, YAE07]. Assessment [ASMP17, BTH+18, GO15, LKK17, MMK+17, WM08, vLB16, HSJKH07]. Assignment [RC06, SS16]. Assist [HTP+08, aKGS11, SBB+18]. Assistance [FM06, MSA17]. Assisted [CICS05, HKR+08, IV11, LAK+11, LMC02, RLW+11]. Associate [De 18b, Lin14c, DS16a, DS17b]. associated [HSCW13]. Association [LS16]. Associations [PV13]. Assurance [TR10]. Astrogial [MAAB+18]. Astronomical
[WAG+12]. Astrophysical
[LFH06, LFLH07, LFH08]. Astrophysics
[SKW+11]. Asymmetric
[BN11, PLC+11a, ZYLL09]. Asymmetrically [KHS14]. Asymptotic
[CGL+17]. Asynchronous
[BSM06, KZX+14, ZGI+18]. Athletes
[SB14]. Atlas [KSI+96, SLK+17a].
Atlas-based [SLK+17a]. Atlases
[TDN+12]. Atmospheric
[KHS+18, SYS+06]. Attachment
[KHL99, WLHD17]. Attack [RPHI08].
Attempt [MNKT01]. Attended [LKC09b].
Attention [FIs07, HW12, HE12, HLRC+12, KV08, VFGS06, WLB+14]. Attenuation
[SCT06]. Attraction [DBD17, ZK10].
Attractive [WLB+14]. Attribute
[GLG+13, HTE11, JBS08, LSS09, MJW+13, MCK12, RSM14, SPEB18, SGAS16, TSA12A, TS+14, WZK12, WCC+18].
Attribute-Based [SPEB18]. Attributes
[AERA14, CM+16, HSCW13, LWS+17, LPC117, LDFZ14, SPM+13].
Audiences [nGAB16]. Audio [SNM16]. Auditory
[RYKL13]. Augmentation [HDHC15].
Augmentations [OTKS15]. Augmented
[BSB+18, BBC15, BBSM18, BBD+16, BSE+17, BLO+05, LBLR05, CMP06],
EPS+15, EIKS18, FM04, GSO8, GLM+17, GKR14, GJK15, GLZR17, HEBSS11,
HIH+18, HCP+15, HBKS09, HAGS16, HF10, HF11, HVO0, JLS15, KMS09, KSNY17,
KGAM18, KM10, KHSB11, KKY+18, KV98, LH09, LBS+16, LG12, LBDK09, LABS10,
LDFZ14, MTT+16, MNZ+15, MUS16,
MK13c, NJI1, OSB+15, PLW12, PTM+18, PIS15, RHJ+16, RBDG15, RJG17, SH00a,
SYYC11, SJX+07, SSM13, TG+15, UMW+12, VGKS12, WRM+10, YC14,
YON05, YON06, ZHLR14]. Aura [QY07].
Aural [AM13]. Auralization [TCM+12].
Authalic [ZHGH11]. Authentically [BBBM18]. Author
[Ano09d, Ano10e, Ano11e, Ano12d, Ano12c, Ano13g, Ano13h, Ano15e, Ano16f, Ano16g, Ano17c, Ano17d, SWY+17]. Authored
[FDKR10, ZGB+17]. Authoring
[ARL+17, DLA+09, FBM16, QH18].
authors [Ano11]. Autism
[BBC15, BZS+13, PMVC05]. Auto
[FCZ15]. Auto-Harmonization [FCZ15].
Autocalibrating [SM11]. Autocalibration
[SM12]. Automated [ASG15, BPG12, FH06, GHL18, MPK+13, MRSS+13, OJ15, PS12, PPM+11, TAE+11, ZCL08].
Automatic [AMJ+12, AT16, BKM13, CCM11, DLF+09, ED06, FXG12, GLM+12, HLB+18, IK95, JHH+14, KOR+13, KWS+14, LLL+12, MHS07, MIO+15, PPT+11, RNK+15, SRMW011, SWF+16, TW18, VAB12, Won16, ZTO9, WHZ+18].
Automating [Koo08]. Automultiscopic
[LSK+18]. Autonomous
[WKW06, XLC+18]. Autopsies [LWP+06].
Autoressive [LFA+16].
Autostereoscopic
[LDN11, MT05, PKS+08, YHLJ08].
Available [BVW+07]. Avatar
[BPS13, JAO+14, RBLW07, WGR+18].
Avatars [Bai13, CK16, JAO+14, KOR+12, LBLE11, SPM+13].
Average [CGL+15, DMC13]. Averaging [GBP+13].
Aviation [CB15]. Avoid [DWA10].
Avoidance [BOP15, LCNG14, LKM+18].
Award [Ano14d, Ano14e, Lin14c, Ano10c, Ano10d, Ano11c, Ano11d, Ano13c, Ano13e, Ano13d, Ano13f, Ano14g, Ano14f, Ano15c, Ano16b, Ano16c, Ano16d, Ano16e, Bil13, De 18b, Dil17, Ebe17, Fuc13, Han18, Hee18, Me17, Ros13, Sch13]. Aware
[AZC+12, BYA15, BBM18, BSDS13, BL07, CL18, CQ+08, CBL07, CZC+15, CLB+16, DZM+16, DWK+16, HML01, JFZ+18, LLY+13, LJHY14, LLL+16, LSV+18, MOL18, MLMP18, NN11a, NN11b, OSS+17, PRH10, RDB+12, SCIO10, TLD+12, VF13, WCC+18, WLZM10, YXG+13, Yan18, YEII12, YLG+14, YEII16, Zha14, ZJX+15].

[WB]
Awareness
[GLZR17, HTL13, dJObNM17, SSK+16].
Axes
[CVW11, KCPE16, LYY+16b, TLH10].
Axis
[AG16a, KKW+17, RSS14, SPB96, SCYW16].
AxiSketcher
[KKW+17].

B
[BDHJ04, Cse10, Cse13, HHQH17, LWS97, LQLX14, ONL+12, PH07, RE01a, XF04].
B-Mode
[PH07].
B-Spline
[BDHJ04, Cse10, Cse13, LQLX14, ONL+12, RE01a].
B-Splines
[LWS97, XF04, HHQH17].
Back
[An08b, Ano11f].
Backchannel
[DGWC10].

Balancing
[HR99, WR11].
Ball-Morph
[MR99, WH99].
Ball
[MR99, WH99].
Ball-Pivoting
[BR99, WH99].
Balloon
[TS08].

Ballot
[WBDS11].
BallotMaps
[WBDS11].
Band
[LKHW04].
Banking
[HA06a].
Banquet
[Kas12].
Bar
[KHD02, KHDL07, TJW+17, TSA14].

Baroclinic
[KLySK12].
Barrier
[HSP+06, PKS+08].
Bars
[CG14].

Barycentric
[SC06, SAS05].
Bas
[SRML09, SJM14, ZLL+15].
Bas-Relief
[SRM09, SJM14, ZLL+15].
Base
[KZW12].

Based
[AJDL08, AHR+11, Ano14h, AW03, ADP02, BW03, BW04, BRT12, BF01, BHH17, BBH+17, BKDE00, BKL+11, BWK+13, BCB10, BK12, BSL+12, BDSS18, BBS+08, BMST97, BBB+12, BWT+11, Bro06, BMY10, BC12, BPS+11, BKW10, CCL12, CWT+08, CMW+09a, COJ15, CBL07, CZZ17b, CMF+18, CTT+16, CK11, CLR13, CAN14, CRT04, CCM11, CMN13, CLB+16, CAH+13, CCB+18, CC12, CZQ+08, DVP+18, DMC+12, DH08, DCKY02, DZL+14, DWT+15, DBP14, EHBA11, EHP+11, EMdSP+15, FYP10, FGX12, FZWQ13, FYWY16, HFSW13, FR13, FBL+18, FM12a, FGBB09, FWT+04, FWR00, FBS05, FST+14, GS08, GXR+13, GPL+11, GSNP+14, GI+07, G04, GKM+15, GKH07, Gun09, GLB+06, GXY12, GZL+14, GGZ+18, HW195, HSR13a, HSR13b, HA17, HLM10, HEG+17, HK09, HLG+14, HQ04, H01, HRN+06, HPC+13, HZM+16, HTE11, JWS04, KLC09, KSC+16, KRHH11, KKKT18, KSY16].
Based
[KBPG13, KKSS13, KJ12, KBKG07, KWS+14, KFN06, KTB+18, KHH+16, Lac96, LS07a, LPG+18, LA11, LvWH04, LMZ+14, LCP+13, LFP07, LS07b, LWZ+16, LXB17, LDF11, LFHY12, LWCC18, LQLX14, LBH11, LDX10, LY12, LPG12, LDW+15, LZLS16, LC10, LSS+15, LJJ+18, MCP+06, MS08, MWSJ14, MFO10, MRSS+12, MK13a, MB03, MS04, MAST16, MCK12, MTL18, MAKM14, MOG11, M SSD+08, MSM+11, MP13, MRT00, NJB07, NKH11, NKH14, NDR06, NOB16, NT99, NSS03, PYW+16, PZL17, PPT+11, PMP10, P03, PA06, PGL+12, PFG08, PS08, PODB+13, PMD+07, QI96, QXF+07, QK04, RKG+11, RKK16, RLNN11, RML12, RG+14, STB18, SVAC12, SNT05, SNLD06, SWB+00, SYM14, SMP11, SCW+08, SF14, SZK15, SHS11b, SFI09, SEL15, SAMP+07, SB04, SZN+18, SZY+18, SPN+16, Sim07, SCW15, SOL+16, SPEB18, SO17, SWP07, TL07, TCYM09, TWHS05].
Based
[TSAA12, TLC+95, USE13, V04a, V04b, VJ09, WWYS04, WZW+05, WW07, WGS07a, WQ07, WL5W08, WSS09, WH09, WMB11, WZvdW13, WFS+16, WH18, WZF+04, WB08, WKME03, WFG08, WEE03, WSE17, WQ07, WXZ+16, XESV97, XLND11, XHT+07, XZB14, YRP18, YGV+13, YLZ+13, YNM15, YCLJ12, YLSL11, YL95, YL06, YLK12, YLY+12, YON05, ZCL08, ZLL+15, ZSL+16, ZWS+17, ZGH+18, ZLK+18, ZGB+17, ZXM10, ZWM13, ZG06, ZCFL15, vAPP+11,
vPVvdW10, vLBB16, zBBKN14, BPC+10, CJR07, CR08, CWDH09, CFHH09, CM08, DC17, DBM+06, DCCW08, DMS+08, JKM06, JM10, KLK+09, LSC08, MOF09, MEV+14, McK09, MRG+15, MKW+08, MDHB+07, NC07, PKF07, QMK+06, RKSH11, RL08, SNM16, SLK+17a, WSW16, YDC+14, YS17, YXG+10, ZK06. Baseline [NZS+17]. Bases [SCOIT05]. Basic [HA18]. Basis [LHLW10, 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, KGAM18, KLD+09, KTE15, LKM+18, MGPH06, RCL+15, RKC+16, SPO+12, SPCJL06, TFJ12, ZBMY14].


both [YNBH11]. Boundaries [SBG+06, WH18, ZM17]. Boundary [BPB14, CMF12, DBTH07, IK95, LJWH08, LJHY14, RDB+12, SAS16, Wan08, WM13b, WWC+14, WTS+07, YXG+13].

Boundary-Aware [RDB+12, YXG+13].

Bound [HPA07, HYB+17, LSY+18].

Bounding [KMKY10, KHM+08, MB18b].

Bounds [THJ99]. Bowman [Ano14e]. Box [EM06, EVM08, KEP08, Kim13, MPG+14, SK13, MPK+13]. Box-Spline [Kim13].


Brackets [TSLR07]. Brain [BZGV14]. BSL+14, BTJ+13, EBB+15, JDL+12, KSI+96, PFK07, STS07, SAM+05, YSD+17].

BrainGazer [BS+09]. Branched [RKG+18]. Branching [WSPVJ11]. BRDF [MDG+00, PCS+12]. BRDFs [SAS05, SSR+07]. Breadth [NO97].

Breadth-First [NO97]. Break [PPM+11].

Break-and-Repair [PPM+11].

Breakdown [RC06]. Breast [KLL12].

BRBs [HR07a]. Brick [LWYM12].

Bridging [DPW+15, LTM18]. Bring [SJR+18b].


Broad-Scale [TK16].

Broadcast [WCW+16].

Brachial [STM08]. Browse [SCM+06]. Browser [MPM09].

Browsing [AMA11, BAB+18]. BL07, BTC10, JHR10, WMA+16].

Brushes [FWR00]. Brushing [HTL13, JBS08, KPV+18, TFH11].

Brushlet [Sel15]. BSP [WM13b]. BTF [LPF+07]. Bubble [CPC09, GS18].

Buckling [KNO15]. Budget [WLHD17].


Burning [BWP+10, LGF06]. Business [BCH+13, VwWL06]. Butterfly [MQV00].

BVHs [Wal21]. 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 [BS06, BMY05, GIS18, HBS09, IK15, KBB+12, KV+18, MIO+15, PIN+15, PGR+13, RK15, RSS14, SH00a, TGW+95, WCW+16].

Calibration-Free [KV98, SH00a]. Call [Ano12c, Ano12e].

Camera [BMY05, CRPH10, Dan16, DH08, GSCI15, HZM13, JWS04, KNR+17, LL04, PRA+10, RK17, RNK+15, SM+09, TKE+09, TMM+13, WLHD17, WCW+16, YLL+12, ZJI+11, Zhao16]. Camera-Based [BMY05, JWS04]. Camera-Sampling [LL04].

Cameras [BDF16, KM+10, LG12, PS06, SLG+17, WLT+18, WXY+17, XCL+18]. Can [JAO+14, aKGS11, TKE16].

Cancellation [SRW+16]. Cancer [GHL18, HHO+17].

Capacities [CB11]. Capacities [S16, HSKIH07]. Capacity [ChL09, HW12].

CAPE [JNC+15].

Capstone [Ano13t, Cox11, Fra12, Sza10, Bla12].

Capture [BWK+13, CTGH13, CBL07, HCM15, LPG+18, LJ+18, MCP+06, NQX+05, RK17, SLG+17, TAL+07, WLT+18, XCL+18].

Capturing [BB12, HHH16, MLD+17, Tay02]. Car
Carbon [BWV+17].
Card [HA17]. Card-Based [HA17].
Cardiac [BPM+13, KGP+13, XSZ+17].
Cards [SOR+09]. Career [Ano10c, Ano11c, Ano13c, Ano14d, Ano15c, Ano16b, Ano16d, Dill17, Fuc13, Han18, Ros13].
Caricatures [CCM11]. Caricaturistic [RV606]. Carlo [HKvL17, LSPW12, Sbe97].
carrying [HSKIH07]. Cards [RHJ+16].
Cartesian [EM06, KBVH17]. CartoDraw [KNP04].
CasCADe [INCB18]. Cascading [AS98].
Case [BvL06, FWD+17, GGZL16, JCRS09, aKS12, LD11b, MRSS+12, PLC+11b, SS06b, dLVvL06]. Cases [BS04]. CAST [YEII16].
 Casting [HBA014, HK09, KHW+09, LGM+08, LYS+10, RPS+09, SM+11, SF+14, SM97, WJ+08, WKI+17, vAPP+11]. Casual [PSM07].
Categorical [AAMG12, FWD+17, HV13, KBH06, LSS13, SS16, UDSL18, WPS+09, XZM17, ZMZM15].
Categories [BSG18]. KBPG13].
Categorization [JF16, KHSI04]. Category [LGG+18, VFR13]. Catmull [QMV08].
Cell [CMSW04, GJ10, HPvU+18, IK95, KSG+16, KHDLO7, WKME03]. Cellphone [DSC+16].
Cells [MAAB+18]. Cellular [DSC+17, MAK08, MCS+08]. Center [RPH08].
Centered [Cse10, Cse13, EVMO8, GDJ+13, HHO+17, KEP08, LD11b, Mar18, PQF+09].
Centralities [HZM+16]. Centrality [BKW03, CCM12]. Centralized [LWZQ17].
Centric [KOJL+14, LCMH09, SKK+14]. Centroidal [LSPW12, RLW+11, YY16].
Cerebral [GNBP11, GLvP+12, MVB+17, OJCJP16, BMGK08]. CFD [CMN13, HOGJ13]. CG2Real [JDA+11].
CGL [DK11]. Chains [RS12]. Chairs [Ano14o, Ano16p, Ano16q, BSI18, BFS18, CKB14, IKLW14, Ano13o, Ano15m, CF12, CLS13b, DLM+12, vHMM+11].
 Challenges [Nie96]. Challenging [PK08].
Change [GGPPS13, KBH06, LSS13, LTPH17]. Chappel [AS98].
Character [JaAL18]. Characteristic [HSV11].
Characteristics [BS02, GLvP+12, YAE07]. Characterization [HEWK03, HEG+17, MY96, MAR18].
Characterizing [CGM+17, FSW16, GGJ+18, GBP+13, GBCG+14, RESC16, WMK13].
Characters [HK09, MNZ+15, SPW07, ZKM18].
CHARM [FYZ+17]. Chart [KA12, TJW+17, WBJ16]. Chartification [CKL09].
Charts [DDW14, DJ18, HA18, KHD02, KHDLO7, TSA14, LHW08].
Chase [vW14]. Checks [ASMP17].
Chemical [GBCG+14]. Chemistry [JV09].
Chess [LWL14]. Chief [De 18a, Lin14d, Ano13n, Ano14n, Ano15l, Ano16n, Ano16o, De 15d, DS16a, DS17b, Ert07a, Ert10d, De 16a, Fuc17, Hag03, Ku98, Lin11d, Lin11c, Lin12e, Lin12a, Lin13c].
Child [BGC+11]. Childhood [JAM+14].
Children [ANR+18, BBC15, PMvWC05].
Chromium [PAB+08].
ChronoLenses [ZCPB11]. Circle
[YLG+14]. Circles [SZHR11, YR95].
Circular [DBD13, WSPVJ11, Wil12]. CiSE [DBD13]. Citation [BMS17, HHKE16].
Citation-Driven [BMS17]. cite2vec [BMS17]. CiteRivers [HHKE16]. Cities [CWK+07, ML+17].
City [AERA14, PY09, ZMZ06, FP+13]. Clark [QM+98]. Class [BJY+18, PS12, CC+14].
Class-Optimal [PS12]. Classical [CQM10].
Classification [AHH+14, BGJO16, BS02, CTS+12, CRT04, CM09, GHL18, KCKS98, LZH+07, PFP+11, PSM15, SWB+00, SLM18, SPL+13, TKC17, TLM05, ZM17, vdCvW14].
Classifier [HKBE12]. Classifiers [RAL+17].
Clickstreams [CCL+16, LWD+17]. Client [PJ03]. Client-Server [PJ03]. Clifford [ES05]. Climate [DPW+15, JBMS09, KL+08, PDW+14, WLSL17, WPS+16].
Clipping [SvW98, WM13b, WEE03]. Clips [SKJ+12]. Clique [RFLL18]. clock [BSB16].
Cloth [BW04, CMO17]. KNO15, SZK15, SSI09, ZBO13]. Cloud [APS+14, DNN13, HPJG08, LDX10, LZH+13, MZC+16, WCB+18, YEH12].
CloudLines [KBK11]. Clouds [BHS12, CCL+15, CK10, FFB18, JBS08, LRKC10, MOG11, OHJ+11, OHWS13, TCL+13, YEH16].
Cluster [BDF16, CA14, GRVE07, KTB+18, LWCC18, LLRR08, NWW17, OJJP16, SKB+18, SGM08, YHL08].
Cluster-Based [CA14, KTB+18, LWCC18]. Clustered [HBF08]. Clustering [AAFG18, BBD+11, CK11, CL09, CZQ+08, DDGL07, FKR17, GPR+01, HSCW13, HOG+12, KSDD14, KEV+18, MB18b, NOB16, OK11, PBN+13, PGL+12, SK13, TN14, TRd12, WCR+18, WS09, ZCL08, ZAM11, vLBR+16].
Clusterings [PGU12]. Clusters [CGS01, MF+09, Sm95]. Clustervision [KEV+18]. Clutter [ED06, ED07].
Cluttered [BK12, SPP+14].
Clutterpalette [YYT16]. Co [EPS+15, IC07, IFP+12, LHD18, TIC09, WX+16].
Co-Located [IFP+12, IC07, LHD18, TIC09].
Co-Location [EPS+15]. Co-occurrence [WX+16]. Coarticulation [DN+06].
Coating [HL02]. code_swarm [OM09].
Codes [BWA16]. Coding [FM07, HCMT15, HPJG08, MCA+10].
Coefficient [YYSZ06]. Coefficient-Optimizing [YYSZ06].
Coexpression [NKHC08]. Cognition [LNS08, WCR+06]. Cognitive [BSE+17, BLS15, SBS16, SFR+10, TTR10, ZLB+05].
Coherence [HSR13a, MTM+16, tCMR08].
Coherency [BSL+12]. Coherency-Based [BSL+12].
Coherent. [CRH05, FWSL12, GGT07, GI+07, GHP+16, Har16, HSV11, HPC+13, MPT03, RJG17, SP07, SF+12].
Cohort [GGC+17, KOJL+14, KPS16]. CoLa [DKM06b]. Collaboration [CC12, GLB16, NJJ11, TIC09].
Collaborative [BCB10, BE09, CDK+17, HTL13, IC07, IFP+12, JWL05, KAM+08, LH11, LLL06, MT14, MGP06, RZP+07, SKY12, ZGI+18].
Collage [FYF+18, LZZ+18, WHF14, YLG+14].
Collection [IHK+17, JDA+11]. Collections [BKW16, DYF+13, FYF+18, HHWN02, HFM16, KKP+17, LYK+12, PM08, RSOW18, SKK+14, ZGW+14, ZLDM16, cKJG+12, dLVl06].
Collective [H2H14].
Collision [BW03, BW04, CL18, CCW+09, CS08, GSM+14, GLM06, Hub95, KGS98, KMT14, KGAM18, KHM+98, LCNG14, LKM+18, LKM+18]
Collisions [FG99, MNC14, SSIF09]. Colon [GSZ+13, NMKG17, ZMG+10].

Colonoscopy [ZBB+06]. Color [CWM09b, DFG+14, ED11, GR15, HRSH15, IDAK15, KGZ+12, MOF09, MOF10, MS04, MK13c, PH07, PFC18, PMH18, RG95, SLGM09, SMO+13, SS16, Sza18, TDJ14, TDJ15, WW07, WGM+08, XDN11, ZT09, GLS17, HSKH107, PFC18].

Color-Blending [KGZ+12]. Colored [LAM10, MNZ+15]. Colorgorical [GLS17].

Coloring [BKW10, DHL09, MNKT01, ZTZ17]. Colorization [FWD+17]. Colormaps [BTS+18, Han16].

Colors [HE99, RC06, TDJ15, TDJ14]. Colour [BCS11]. Column [Gor02].

Combination [TKAM06, WCR+18]. Combinations [JJ09]. Combinatorial [KY06, RLH11, RKWH12]. Combined [GLH+14, MVB+17, SXM17, SM17, SMG+13]. Combiner [LH16, LHIH16].

Combing [IBJ+14]. Combining [BWW+12, CHK04, GLK+13, HE99, LHD18, LGY12, LNHS16, NSS14, PH07, SJL+18b, TNT17, WKCB07].


Committee [Ano12h, Ano13l, Ano13j, Ano13k, Ano14m, Ano14l, Ano16h, Ano16k, Ano16l, Ano17f, Ano17g, Ano17p, Ano18c, Ano18f, Sll17a, Sll17b, Sll18a, Sll18b, Ano12q, Ano13i, Ano13l, Ano13v, Ano14k, Ano14w, Ano14s, Ano15h, Ano15k, Ano16v, Ano17h, Ano17l, Ano18k, Ano18h, Ano18j].

Committees [Ano11g, Ano12f, Ano12i, Ano12l, Ano15d, Ano16m, Ano13m, Ano13r, Ano14t, Ano14v, Ano16w, Ano16s].

Commodity [HNH07]. Common [HV13, KZW12, LWD+17, MGJH08]. Communicate [BW14]. Communicating [BKW03, MiS+18]. Communication [CSL+16, CLB13, HHO+17, HMSA08, IBJ+14, MT14, MGH09, VSS08].

Communities [KKL+16, VRW13].

Community [MMT+14, Nie95, RFL18, YLZ+13].

Compact [KBK11, LGLR14, NXSL13, PW95, SCY16, YDG+16].

Comparability [MGS+11]. Comparative [ALBR16, BSR+14, BGR06, DLW+17, DBM+06, DDF11, GBFM16, HOGJ13, KBV17, LCMH09, LSPS10, MHG10, MMDP10, NBW14, PW95, PKF+08, SLK+17b, VPO4c, WR11, WS06b, ZSL+16, vLBB16, RSRDS16].

Compare [SZB+09]. Comparing [BHZ+18, FCL09, GGL+14a, GR15, HB13, LKJ+05, LB17, PJ03, PGI12, QM16, RJD+07, TSW+07, TSD09, WOO17].

Comparison [AG16b, BVW+07, CHM11, DPW+15, DJK+06, DLF+09, GGL+14a, GR15, HB13, LKJ+05, LB17, PJ03, PGI12, QM16, RJD+07, TSW+07, TSD09, WOO17].

Comparisons [KWP01, TGH12].

Compatible [BBiA09, BMST97, ER97].

Compensation [GB08b, IHS17, KNO15, LCR16, TS16, TIK15]. Competent [PW95]. Competing [HFMC12].

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

Completion [Hu16a, LSWZ17, LLR18].

Complex [AdLH13, Ano05d, BW14, BBD06, BMST97, BV06, CFM+13, CVG13, GGA+18, GK95, GPP+16, GBH08, HSK14, HBW06, KG06, MGKH09, MGS+14, MK09, Ney98, RFL18, SFR+10, VMT06, JQD+08, LCM07].

Complex-Valued [GK95, GPP+16].

Complexes [GNPH07, GBP12, GKK+12, GGL+14b, SMN12]. Complexity [WJK07, RBK+15, Sbe97]. Compliant [ATK16]. Component [FWL17].

Components [AMA06, HKG07, SNB+17]. Composable [BTB10, BTH11].
Composite
[ALBR16, Jen12, SWvdW\textsuperscript{+}11, SM06].
Composites [BWW\textsuperscript{+}17]. Compositing
[GPC\textsuperscript{+}17, KM10, PPD\textsuperscript{+}07]. Composition
[BMWM06, KBHV17, KJ\textsuperscript{+}09, LRN96, LJWH08, TZC13, Trd12].
Comprehending [ARH\textsuperscript{+}15].
Comprehensible [KMS99].
Comprehension [LR11]. Comprehensive
[AR17, MBW\textsuperscript{+}07]. Comprehensive
[GPC\textsuperscript{+}17, KM10, PPD\textsuperscript{+}07]. Comprehension
[ARH\textsuperscript{+}15].
Compress [BMWM06, KBHV17, KJ\textsuperscript{+}09, LRN96, LJWH08, TZC13, Trd12].
Compressed [AYRW09, BRSP18, DWvW12, KMY10, KM16, Lin14f, PR00a, SD11, WAG\textsuperscript{+}12, YL95, eYL07, PR00b].
Compression [BDHJ04, BSL\textsuperscript{+}12, CBL07, CKLL09, CM02, CHF95, CHF96, DRMM13, FM12a, GO15, LIT04, LFR03, MRSS\textsuperscript{+}13, PA06, Ros99, SLW\textsuperscript{+}10, YL07, PR00].
Computational
[BDHJ04, BSL\textsuperscript{+}12, CBL07, CKLL09, CM02, CHF95, CHF96, DRMM13, FM12a, GO15, LIT04, LFR03, MRSS\textsuperscript{+}13, PA06, Ros99, SLW\textsuperscript{+}10, YL07, PR00].
Conceptual
[BMWM06, KBHV17, KJ\textsuperscript{+}09, LRN96, LJWH08, TZC13, Trd12].
Concept [BMWM06, KBHV17, KJ\textsuperscript{+}09, LRN96, LJWH08, TZC13, Trd12].
Concepts
[BMWM06, KBHV17, KJ\textsuperscript{+}09, LRN96, LJWH08, TZC13, Trd12].
Conceptual
[BMWM06, KBHV17, KJ\textsuperscript{+}09, LRN96, LJWH08, TZC13, Trd12].
Concepts
[BMWM06, KBHV17, KJ\textsuperscript{+}09, LRN96, LJWH08, TZC13, Trd12].
Conceptual
Constrained-Environment [ZWBH13].
Constraining [YN03]. Constraint [BLS12, DKM06b, GMD+17, Won16, DMS+08].

constraint-based [DMS+08]. Constraints [CCM+13b, LM96, LWCS96, LYY08, MDB18, OBLN17, QH18, TMD015].

Construct [GTS10, GTS11], Constructing [YN03]. Constraint [BLS12, DKM06b, GMD+17, Won16, DMS+08].

Constraint-based [DMS+08]. Constraints [CCM+13b, LM96, LWCS96, LYY08, MDB18, OBLN17, QH18, TMD015].

Construct [GTS10, GTS11], Constructing [YN03]. Constraint [BLS12, DKM06b, GMD+17, Won16, DMS+08].

Constraints [USM96]. Constructive [HR07a], Consumer [SFL+16, Zho16].

Contact [BDH+18, HK09, KFN06, LA11, MBT07, SM04, SLMA06, TF06, XZB14]. Contacts [AdLH13, CLMO17, SLNB11].

Contagion [VBC+16, WBA+14]. Containment [WLSW08]. Contemporary [VHBS16]. Content [ADP92, CTM+13, CLB+16, GQM+18, HWS17, LLY+13, LJH+18, SBB+18, YLG+14].

Content-Aware [CLB+16, LLY+13, YLG+14].

Contents [Ano10f, Ano11k, Ano12o, Ano13s, Ano15o, Ano16s, Ano16t, Ano17, Ano18, Ano18e, Ano14q, Ano14r, CILS13a].

Content [PFG08], Context [BBBM18, BMGK08, BSSB10, BGK06, CL18, CM16, DZMQ16, FWSL12, FNM13, GNB11, GLZR17, KSW06, LDM+18, PH07, QWC+09, RGP+12, RMW09, SBB+18, SWS+11, TWSK14, TS08, WBB+08, WLT08, WC11, WWLM11, WP16b, Yan18, YEII16, ZZG+12, vHP09, zBBKN14, Kin10, NH06].

Context-Aware [BBBM18, CL18, DZMQ16, Yan18, YEII16].


Contextualized [BAB+18, WKCB07, WBB+08].


Continuous [BW08b, BBS+18, CCG+09, CRPH10, GPR+01, HW09, KMT14, LT10, LT11, TCM09, ZK12, vLD03].

Continuum [BBG+18, EGS03, WM18].

Contour [CD14, DN13, FIB+14, HCS01, SB06, TFO09, WMM13, ZT09, LLLN+14, TS07, PLS+14]. contour-preserving [LLLN+14]. Contouring [PSF09, SJW07, Wu16]. Contours [HTQ97, SWC+08, TN14]. Contraction [ECC+15, YSZ04].

Contrast [GUFM15, HRISI15]. Control [EIKS18, FMM06, FSE14, HSK14, HSH10, JAA18, KLKS10, LGS+11, MY06, SWR+13, SLB04, SO17, SBE+15, SSS+13, SPW07, TKTN09, TIK15, WHR02, WRF+11, WGF08, YLL+12, ZOC+13, ZBM14, vCDW14].

Controllable [HTZ+11, HYZ+12].

Controlled [BDK98, HHVW96, KZL07, KMT14, OI15K, WDC+07, ZT09].

Controller [VBK17]. Controls [LNHS16].

Conversion [SPO+12], Conventional [DLW+17, FXG12], Convergence [GCZL14, LLH16], Conversion [LKL+15, LKR+18, LLWQ13, YR95].

Converting [GTLS01, HA18, SN97]. Convex [BW04, FYZ+17, GCT17, KLM04, WPZ+11]. Conveying [IFP97, KHSI04, HSH10].

Convolution [FW08, FC95, LM05, SK98, Sun03].

Convolutional [BJY+18, HKM17, LSL+17]. Cooperation [ LWZQ17]. Cooperative [TIK15, DMS+08].

Cooperation [SLW+14b]. Coordinate [ED06, REB+16, tCMR07]. Coordinated [DCCW08, GRL15, KG+16, KERC09]. Coordinates [BBP08, DK10, DK11a, GXY12, HW09, JF16, LT11, LT13, LH13, LTP+05, NR18, NH06, RSS14, RSRDS16,
Decomposition [BNPB13a, BNPB13b, BBP14, CML+07, GMD+16, GH95, HHG14, HPNT18, KL96, LBD13, LGQ09, PPL+10, RNL09, Rob98, RF11, SS08, ZGH+18, ZCFL15].
Decompositions [CMLZ08, ER97, SZ12, Szy13].
Decompressible [KXW+18].
Deconstraining [YN03].
Decorating [ZDW+05].
Decoupling [BB09].
Dedicated [GUO00].
Deep [BTJ+13, GL17, KAKC18, LSL+17, LSC+18, PHV+18, WSW+18].
Deeper [HDR+13, YaKJSJ07].
DeepEyes [PHV+18].
DeepTree [BHP+12].
Defect [SPCJL06].
Defects [MJK06, RGK+13].
Deferred [TCM10].
Deficiency [MOF09, MOF10].
Defines [JJ09].
Defines [AG17].
Definition [WR11].
Deformable [ADDG12, BW04, CGD97, DGI11, DTT+17, DDKa06, EGS03, FST+14, HBAD14, KL4a, LSH07, LKT13, NWI17, SO17, SSF13, TL07, TCYM09, WPG05, WB05, YGV+13, ZK07, ZWW+12].
Deformation [AL11, BS08, BDD+16, CQ05b, CCM11, CSS07, DCKY02, FG99, GD01, HMM14, HTZ+11, HYZ+12, KSNY17, LZD13, LG13, LL14, MV+17, SVAC12, SM06, TCO9a, TWSK14, TEC+16, WC+12, YHMY08, YXG+13, ZZL+15].
Deformations [CDA99, FvdPT97, HSSK16, HHZH17, KJ12, SH14].
Deformed [KBKG07].
Deforming [GWBO12, MBT07, NWI17, ZK12].
Degenerate [DbL14].
Degradations [KLYE13].
Degree [AHSS14, JWC05, LHJ+18, ORC07, vHP09].
Degree-of-Freedom [JWC05, ORC07].
Degree-of-Interest [AHSS14, vHP09].
Degrees [CMLZ11, HA06a, OHH06].
Degrees-of-Freedom [CMLHL11].
Degrees-Viewable [OHH06].
Delaunay [FHSW13, MS08, QCT13].
Delay [DL12].
Delivery [CYB08].
Demand [VHBS16, YAE07, vHP09].
Demands [BLS15, BPC+10].
Demonstration [SKBE17].
Demonstrators [HK16].
Dendrogram [CMP09, WZK12].
Dendrogram-Matrix [CMP09].
Denoising [CS18, FYP10, GJR+14, LC10, LDC16, SRML07, WYP+15, YRP18, ZWZD15, ZFAT11].
Dense [BHST17, CWL12, DMC15, DRMM13, EBR109, HQ12, IFM14, MK13b, OKI15, OSK16, WB08, YYR17].
Density [KLYSK12, LBH18, NE04, OHJ+11, SWvdW+11].
Dental [WZW+05].
Dependent [BGM+07, BGM+08, CWK+07, CC08, EBR109, GLRH13, GKT+08, GY02, HSH10, IAIK16, KRHH11, KL96, KNO15, KGG+12, LHVO6, LP02, LPG15, MCHM10, NSE+12, PD04, SBV+11, TLQ+08, TWHS05, TEC+16, TLS17, USE13, VCP08, WC09, WC10, YSGM05, ZEC08, Zhu05].
Depiction [BW11, BBF12, CVG13, VPB+11].
Depictions [PMS07].
Deployable [ZWC+16].
Deprivation [BDB+16].
Depth [APW16, BE06, BG07, CMP14, Dan16, EBR109, IHK05, IMS15, KPR+15, KOC14, KSTE06, KLM04, KJW+14, LDH09, LK09a, LKL+15, LH16, LHH16, LDN11, NRS15, PBK+12, SLG+17, SEA09, SJK+07, SSI15, VF13, YYFX18, ZD1+09, ZWM13].
Depth-Dependent [EBR109].
Depth-Fighting [VF13].
Depth-Fused [LDH09].
Depth-Inferred [ZD+10].
Depth-of-Field [IMS15, LKC09a].
Depth-Ordering [ZWM13].
Depth-Perception [BG07].
Derivative [ySKK07].
Derived [OJ12, Rot13, TBB+08, WT10a, GDBK17].
Deriving [EGS03].
Descending [NMN+18].
Description [SAR96, VC17].
Descriptions [MB01].
Descriptor [CZN+11].
Descriptors [CPG09, DNP07, EHBA11, UMW+12].
Design [AJDL08, ARRC11, AS05, BB12, BEJK12, BSM14, BLB+17, BGK11, BM10, CKW+12].
CZZ17b, CWQ+07, CLEK13, CJTM05, DPW+15, DBH14, EF10, FFB18, FCZ15, GS08, GKL+13, GWFI14, GJJ+12, GDJ+13, HKBR+14, HHO+17, HA17, HKR+08, HAO6b, HB10, HLR+12, HZM13, HLB+18, JHKH13, aKGS11, KW14, KAM+08, KSL+17, KS14b, KBVH17, KHLM17, KPR+14, LJX+10, LTM18, LWS+17, LIRC12, LIM+12, LSC+12, LD11b, LLY06, MLMF12, MJW+13, MRSS+12, MMAM14, MPOW17, MMMY97, Mun09, OM09, OK11, PFW12, PWHK16, PB16, QT96, RHY14, RHR16, RKG+18, SKK06, SVAC12, SFB+12, SHS11a, SNHS13, SMM12, SYYC11, SOL+16, SD12, SSL+12, SNR14, Sza18, TM12, TLD+12, TSW+07, WGM+08, WZK12, WASQ18, WQ07, YCLJ12, Zag96, ZHT07, ZM13, tCMR07, vLFR17, WBD14.

**Design-Sheet** [RHR16]. **Designing** [Chi16, EMRY02, HN13, Kei00, KKL+14, dJOBNM17, PHV+18, SKK+14, TKBH17, WK06, ZWC+16]. **Designs** [HFMC12, OAH14, RHR16]. **Desktop** [JD13, LvL12, PFK+08, TMM+13, TBR+12]. **Destination** [AAFW17, GZ14, ZFL17]. **Detail** [AWHS16, BHS15, CMP09, GLX17, HSH10, HYZ+12, KCI+10, MB01, NM13, NC07, WGS07a, XESV97, Zhu05, ZBS12, vdEvW14, DMS+08]. **Detail-Preserving** [GLX17, HYZ+12]. **Detailed** [KLCK17, SSH14, ySKE07]. **Details** [YYT16]. **Detecting** [AG17, KSSD14, TN13, WBDS11]. **Detection** [BW04, BDJ14, CLZ+18, CCW+09, CRT04, CS08, GLVP+12, GSM+14, GSL+17, GVE07, HLR+08, HQK06, Hub95, JWS04, JPLS16, KHS+18, KG98, 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, ZLK+18, ZBB+06, QJD+08]. **Detector** [BW03, DNP07]. **Developable** [TC09a, Wan08]. **Developing** [BW11]. **Development** [KMSB14, LKK17, LFA+16, MY13, TAK+05]. **Device** [EPS+15]. **Devices** [BJM07, BMWW18, DFG+14, HTP+08, KPR+15, LSO7a, LHD18, RBDG15, RJG17, SOS+17, YC14]. **DIA2** [MEV+14]. **Diagnosis** [BGP+11, KHZR18, LXL+18, MSSD+08, OIR+17, SSMG13]. **Diagnostics** [XMRC17]. **Diagram** [CdOKRV09, YBZW14]. **Diagrammatic** [JhR10]. **Diagrams** [BTC10, BKH+11, CLB+16, CRB+05, JGH14, KLM10, MPWG12, RD10, RZP12, RSHF14, SSKB14, SAS16, SZHR11, SRHZ11, VCP08, WU12]. **Dialogue** [PMvWC05]. **Diamond** [WD09]. **Dice** [EDF08]. **Dichromats** [CCB11, KOF08, SMO+13]. **DICON** [CGS01]. **Diderot** [KCS+16]. **DiffAni** [RM13]. **Difference** [RM13, Sza18, WCJ06, YC14]. **Differences** [TSD09]. **Different** [BC18b, FTES13, GJZ+12, HOT98, SLW+10, TAL+07, YL18]. **Differential** [KWH+09]. **Difficulties** [HAS11]. **Diffraction** [RSR+18]. **Diffuse** [NSS14, SVGR16]. **Diffusion** [CL5+12, CYZ+09, DFR00, FT09, GKW12, GZS+13, GKL+16, HMO10, HQ13, HLD+08, KLLR07, KWH00, KW06, PT17, STS07, STS10, WW07, WDC08, WLY+14, ZDL03, ZSL+16, ZDZ18, ZHL+09, vAPP+11]. **Digital** [AB06, DIv15, JSG03, KSI+96, MBW+07, PMCS11, SCT06, ZSTR07]. **Dimension** [BW04, GXY12, KW10, STM17, SMT13, WCR+18, YRWG13]. **Dimensional** [ALM11, ADP02, BSL+14, CCA12, DAW13, EHS13, GPL+11, GBPW10, GS14, GNP+06, HEWK03, HHM14, HNR+06, HJR01, JDL12, KRRH11, KPB14, LMZ+14, LT16, LMW+17, MBS+04, NM13, NEO4, OHJ+11, SS06b, SLB04, TAE+11, TFF11, TLLH12, TKBH17, TLM05, WSPV11, WM13a, WM18, WAG06, WXC+08.
XYC+18, YRWG13, ZWC+18, FZC+07, GNPH07, LLRR08, LPK+16, ZWR14.

Dimensionality
[JJo9, KC04, SZS+17, SDMT16, WFC+18].

Dimensions [LBGV13, TFH11, YHW+07].

Diminishable [AIS18]. Diminished [KSY16, STB18]. DimpVis [KC14].

Dipoles [GBM+12]. Direct
[AWC10, ACTM12, BT09, BMW06, BKV08, CR08, CWM+09a, CCB11, CWC+06, DWB+06, FDPH17, FE17, GPC+17, GKK+12, HLY10, HXF+15, JKKY12, KW01, KWH00, KC14, KJL+12, LR11, LLY06, MCK12, Max95a, RE01a, SE17, SF14, Sc15, WQ07, WK1+17, YCZ+16, YSI+10, ZWM13].

Direct-to-Indirect [ACTM12].

Direct-Touch [YSI+10]. Directable [JFB10]. Directed
[CHK04, DKM06a, DRMM13]. Directing
[PvdBC+11].

Directional
[SHH11, WWYS04, WC13, ZHZ15].

Directionally [AM13].

Directionally-Varying [AM13].

Directivity [MAK14]. Directly
[HBM+13]. Dirichlet [HLG+14].

Disambiguating [SC15]. Disambiguation
[SWY+17]. Disciplines [GJZ+12].

Discontinuities [LT10]. Discontinuous
[SCKR08].

Discourse
[ASW12, LSB+16, ZCCB12]. Discovering
[CYW+16].

Discovery
[DCW08, Eic00, IDA+14, PLS+14, SS06b].

Discrete [AT05, AKH+17, A97, CS08, HIKK18, IH01, JKLG08, KCO03, LS13b, LTT04, LCS06, PLK+06, RS12, SvdlBML11, SN97, VCP08, Zag96].

Discretization
[EJ+14, KDBB17]. discriminable
[GL17]. Discriminant [ZPP05].

Discriminative [MGMP18]. Discussion
[SRW+16].

Disease [BGP+11, GNDV+18, MS9S+18, OIR+17, TBB+07].

Disentanglement [NOB16]. Disk
[LLLF08, YXSH13].

Disocclusion [DZMQ16]. Disparity
[WZC+15]. Displacement [AYRW09].

Displacements [KMDZ10, WCB+12].

Display
[BS02, BC18b, CK16, CM16, CDK+17, DK11b, DTT+17, ETO+10, Gor02, GPK14, HII+18, IFP+12, JH13, JRT14, KKK18, KBK11, KFL+15, KML96, LS1+15, LDH09, LDN11, LHC10, MI13, MBZ12, MI0+15, NH07, dJ0N17, ORC07, OH06, PKS+08, PGRS13, RLM10, Sim07, SVLF10, SZH97, SBHW11, TKTN09, TIS16, VB18, WZW+05, W08, WPSH06, YNH06, YHW+07, YHLJ08]. Displaying
[JS08].

Displays [AHK11, AT16, BSE+17, BI12, BSM06, BJM07, BC18a, BMY05, CAN14, DVC07, DFG+14, DJK+06, GMS08, HN13, HRIS15, IK15, IDA15, IA1K6, IHS17, JH13, JWS04, KPBG13, KBB+12, KRA16, LCR16, LH16, LSK+18, MS04, MT05, MMCE09, OTKS15, P15+15, PBC17, PGI+17, RHN11, RM17, SLGM09, SBK+11, SFC+07, TKAM10, VH16].

Dissemination [BKW16]. Dissertation
[Meh17]. Dissimilar [HGWW18, ZCJH12].

Dissimilarity [B0D+16]. Dissipation
[KLR07]. Distance
[BA05, BK10, CZN+11, DB11, Guo01, GDN+07, HLD+08, JBS06, KBB+12, KHS14, KL14a, KW11, KDBB17, KMH11, LPKK12, LMZ+14, NDS10, SF06, SK00, XYM+15].

Distance-weighted [HLD+08]. Distances
[XWLG+15]. Distant
[WHK15]. Distorted
[SM09].

Distortion
[BGR06, NWHD16, WLT08, YYS06].

Distortions
[NSZ+17]. Distractors
[PFW09]. Distributed
[BSM06, BSO+12, CMCL06, CCL08, CCQ+14, DL12, LS1+15, LNS08, MB03, NSS03, OWS15, PST+15, PML+07, RLM10, SSMG13, SKS12, TIK15, Vis15, Wah14, WAG+12, Wil18, XZB14].

Distributing
[LLLF08]. Distribution
[DS16b, DCH+17, GQP17, HLCB18, IWR+18, JH09, KB13, OHJ+11, SL99].
Distributions [AWHS16, BWW+12, LLL+10, NSW+17, WAG06]. Divergence [BK17]. Divergence-Free [BK17]. Diverse [ASvdP14, MSSH14].

Document [LYY+18, Mar18, RBGH14, YLSL11, Zhu05]. Double-Sided [YSL+13, HKBE12, KKP+16, LFP07, MD12, Mar18, PZLZ17, PK13, PLS+14, PGL+12, RLN11, SSH14, SPG14, SSL+12, VKG05, VFSG06, WYM08, WHK15, WFC+18, WMGE12, YLL+12, ZLG+06, ZHL+14, ZNZX16, ZGM18, tCMR08, ZZWB08]. Driver [KGAM18]. Drivers [LWL18]. Driving [BIPS12, TYSN06]. Drone [EIKS18].

Documentation [EF91]. Documents [GBWI17, KZD+10, KJW+14, SOR+09]. Does [KDX+12, YAE07, ZKM18]. DOF [GL17, TIK15, YE112, BDF16]. DoG [Mur95]. Domain [BRSP18, CCQ+14, CJTM05, DLW+17, DPN07, DL03, GHL18, aKS12, KCS+16, LS02, Mar18, RGBH14, YLSL11, Zha05].


Double [WPC+13, YSL+13, YIJ+17]. Double-Sided [YSL+13, YHJ+17]. Doug [Ano14c]. Down [DH08, LFR03, LS10]. Dr. [Han95]. Dragging [CLEK13].

DrawFromDrawings [MSA17]. Drawing [AMA06, CHK04, DKM06a, FWSL12, FT08, HS11, HSCS11, HQQ12, KZL07, LHL14, MSA17, MNS18, NW11, PPP12, RSFH14, SZHR11, ZCFL15].

Drawing-Based [HQQ12]. Drawings [BKH+17, BKW03, JFZ+18, KKW+17, MNZ+15]. Drawn [CLAL12]. DRF [ZCFL15]. DRF-Based [ZCFL15]. Drills [LLQ+17]. Drive [YHMY08]. Driven [AZM12, AG16b, ARL+17, BGOJ16, BMS17, BM10, CDBR14, CDR+18, CLRP13, CM11, DS16b, FXG12, GH00, GABJ07, GABJ08, GGA+11, HBJP12, HD12, JHO9, KW14, KSI+96, KSL+17, KST+14, KGZ+12, LIX+10, LCC+17, LHJ+18, LMD12, LSS13, LFP07, MD12, Mar18, PZLZ17, PK13, PLS+14, PGL+12, RLNN11, SSH14, SPG14, SSL+12, VKG05, VFSG06, WYM08, WHK15, WFC+18, WMGE12, YLL+12, ZLG+06, ZHL+14, ZNZX16, ZGM18, tCMR08, ZZWB08]. Driver [KGAM18]. Drivers [LWL18]. Driving [BIPS12, TYSN06]. Drone [EIKS18].


Dye [JEH02]. Dynallax [PKS+08]. Dynamic [AHSS14, AL11, APP11, BFP14, BSS+13, BDY06, BMWW18, BFL06, BVB+11, CWL12, CS08, DVP+18, DL12, FvdPT97, FBL+18, FM06, FT08, FTES13, GJG+15, GPK14, GGPPS13, Gue01, GN12, HL02, HS11, HSCW13, HBW14, HWL+11, HQ04, HTZ+11, HFE+14, JS06, JFY16, JWL05, KJL+12, KW13, LRP97, LBH18, MB18a, MQV00, MKH12, MZH+08, MKW07, MTB17, NW17, NSE+12, NKHC08, OBKP18, OBLN17, PCY08, PKS+08, PH08, QMV98, RD05, RGFL14, RP12, RG95,
Dynamically [BS16, LYY+16a]. Dynamics [BLG+16, Fau99, GRVE07, GBM+12, KBE+18, KBE09, LVRH07, OBLN17, SJJ+17, SWL+14a, SPFR18, YESK95, ZBMY14, vLBR+16].


Edge [BRH+17, BYA15, BJB+12, BSL+14, BVB+11, CQZ+08, DSC+08, DSS+09, DRMM13, EHP+11, Ho06, HM10, LLCM12, OKSK16, SHH11, SMNR16, TCM06, YSZ04].


Editable [GXH+13]. Editing [ATLF06, BKW08, CML+07, HLCB18, LZH+07, LFHY12, LZW+13, LSS+15, WM13a, WP16a, WCB+18, WQ07, XLND11, ZZL+15].

Editor [De 18a, De 18b, DW17, GKR14, Lin11a, Lin14c, Lin14d, MY14, MFS+09, AD12, Ano05a, Ano05b, Ano13n, Ano14n, Ano15l, Ano16n, Ano16o, Bvdp12, BDC17, BGK11, CW11, De 15c, De 15b, De 15a, De 15d, De 16b, DS16a, De 17b, DS17b, De 18c, DFG12, Ebe00, Ebe03a, Ebe03b, Ebe04a, 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, HYY16, IKT15, Joy02, JLS15, Kau98, KLi14b, LSCN09, Lin11b, Lin11d, Lin11c, Lin12d, Lin12b, Lin12c, Lin12e, Lin12a, Lin13d, Lin13a, Lin13b, Lin13c, Lin14c, Lin14a, Lin14b, Lin16a, MH10, Mno03, MYM08, NSvW11, O015, OA11, PZ12, Pur09, Qin09, Rus99, SK16a, SK15, SSL08, SL11, SW17, Var01].

Editor-in-Chief [Lin14d]. Editor-in-Chief [De 18a, Ano13n, Ano14n, Ano16n, Ano16o, De 15d, DS16a, DS17b, Ert07a, Ert10d, De 16a, Flo17, Hag03, Kau98, Lin11d, Lin11c, Lin12e, Lin12a, Lin13e].

Editorial [Ano97b, Ebe07, Ert07a, Ert09a, Ert11a, Kau95, Kau96a, Kau96b, Kau96c, Kau97, Kau98, KRTvW06, SGR06, SW06, BLRW05].

Editorials [KN05]. Editors [CKSB14, vW11, Ano12g, Ano13o, Ano14o, Ano15m, Ano16p, BHTY15, BS18, BRS18, BKL18, CCH14, CLS07, CFF12, CLS13b, DLM+12, FBM07, GW13, GMM05, HKQ13, HP04, HLM10, IMH12, KMN04, KSI14, KKL11, KHSB11, KPGL12, LS06, LST+16, LKBDO9, LABS10, MW13, RvWT05, TL11, VW12, WLW17, WM05, vHM11+11, vWMT04].

Education [CB15, Chi16, HA17, SST+17]. EdWordle [WCB+18]. EEG [tCMR07, tCMR08].

Effective [BSB+18, CVG13, CG08, DSSK08, EMRY02, HH0+17, HHHB16, JQD+08, LFH06, PKG12, PRA+10, SOK+16a, SOK+16b, SRML07, WBJ16, XHT+07, YCZ+16, YEH16, CJR07].

Effectively [RKA+13]. Effectiveness [BS16, HW12, NAK18, RBK+15, RFF+08, SBW17, TTR10, BPC+10].

Effects [AW14, BDM+17, BM10, BC18b, CK16, CCAD12, FKS16, GO15, HD11, JWD+14, KBB+12, KHSI04, LSSB12, LBS13, LBS14, LH11, LRM+13, LH16, LH1H16, LHC16, LBHW18, LT18, LH14, OP+16, RKS013, RBK+15, RSBB17, RGFL14, RMW09, SMG+13, SDHH12, SFR+10, VZS18].
Efficient [APW16, BES12, BN12, CMLZ08, CCB11, CCS12, EG09, FAW10, FHG09, GGT07, GJ10, GH00, GSG96, GJR14, GNP07, HAAB18, HAGS16, J07, KSDA16, KYK11, KLCK17, KKP17, KHM98, KS01, KKM99, KG0B05, KJL12, KOF08, KZW12, KKS98, LK11, LVR07, LS13b, LLL08, L106, MBT07, MNK07, MTS07, MSHC99, MTRP10, OBS15, PD04, PQF09, PRA10, RNL09, RKWH12, SP07, SMM16, SRK11, SwW98, SR17, SS017, THM15, TDR10, TNS10, USM96, VPFS15, WWS04, WCZ11, WM13b, WX13, WSYM17, WD10, WSC95, XTY11, XNT11, YEH112, YEH16, ZT99, ZD18, vRKE17]. Efficiently [AMA11, NSS14, XH12]. Effort [CFE17].

Ego-centric [BDF16, JNC15, MDB18, SWW15, SJK17, WPZ16]. egoSlider [WPZ16]. EGPQV [AD12, CW11, PZ12, MFS09]. EIC [Ebe07, Ert11a, Lin15, Ano15i].


[TNB11, WHA07, WJD17, YDGM17]. Embedder [DBD13]. Embedders [KW05]. Embedding [BBI09, KHZ18, LPCC17, PKL18, RT12, SLQ17]. Embeddings [BMS17, LBT18]. Embellishments [BARM12]. Embodied [GPK14].

Embodiment [BPS13, BDH18, SFL16]. EMDialog [HSC06]. Emissive [MMCE09]. Emotion [SPW07, VBC16, WBA14].


Employing [GS08]. Empty [HAAB18]. Emulation [OIR17]. Enabling [ED06, JKR12]. Encapsulation [JKM01].

Encode [SMO13]. Encoding [ACS18, BDD16, FDP17, GSCI15, KJL12, MPK13, WKB13, ZBG17].

Encodings [CG14, GBFM16, SSRE18]. Encouraging [FDP17]. Endoscopic [NWF05].

Endoscopy [HHCLO1, KKP08, WGC08]. Energy [BTMT16, CHK04, GDJ13, HKG07, RB07, RB11, SSF13, WHK15]. Energy-Driven [WHK15]. Enforcement [MCT14].

Engaging [LKS13a]. Engine [CDL16, DKKM13, DCH17]. Engineering [GS08, JJKTM06, MG14, SZK15, ZAG96].

Engines [DDGL07, SWL14]. Enhance [FWL17, STH13, SJL18b, ZK17].

Enhanced [ETO10, LPP06, LG15, NDS10, REB16, SASS16, SEA09, TC13, YES95].

Enhancement [JPLS16, KV06, MDM10, VKG05, VJN15, WK13, ZGW14, NZX16, ZWM13].

Enhancements [KWL14]. Enhancing [BG07, GKY16, KW14, KOCC14, KSTE06, KSS09, LJJ12, MLL13, TCM06].

Enriching [LX17]. Enrichment [KTE15].
Ensembles [BLLS17, CLEK13, FBW16, FKRW17, GBP+13, HBB12, HSSK16, HMZ+14, HOGJ13, KSDL14, LRS+17, MGS+14, MWK14, OBJ16, WKM13].
Ensuring [HHCL01].
Enterprise [KPHH12, PGU+13].
Entertainment [NQX05].
Entity [BCB10, FWL17, KGS08].
Entity-Based [BCB10].
Entity-Component [FWL17].
Entourage [LPK13].
Environment [AB01, CDBR14, EGH06, FYWY16, HWHK16, HWL+11, JPD+18, KCH11, LHL11, LGS+11, LIM+12, LODI16, RJG17, RSD+13, VSS08, WMWL11, WKB07, YAE07, ZLB05, ZWBH13].
Environmental [MBH12, NTS11, SKU+12].
Environments [ANR+18, AM13, BZS13, BK12, BL15, BIPS12, CWL12, CLL08, CPZ+05, CR06, CVC+12, DLL12, DK11b, DDKA06, ESV98, FWK16, FS14, GPL+13, HSK14, HLR+12, IDW+13, JAA18, JSB13, JWL05, KHSS14, KLL+13, KCT+17, KAK+18, LWG05, KLD09b, LFH06, MWC06, MRG+15, NDR96, NSS03, OBK18, PFW09, PKO16, PBK+12, PGRS13, QWC+09, RZP+07, RSR+18, SM12, SGQ16, SL08, SMP17, SAC+08, SFR+10, SLF+12, Tay02, UK12, WAH14, WZQ04, WK06, ZDL13, ZKM18].
Episodes [KBK11].
Equalization [SRM09].
Equalizer [EMP09].
Equation [AG17, DRW16].
Equations [WDC08].
Equipment [SFL+16].
Erez [Ano13a].
Ergonomics [ZLD16].
Ergonomics-Inspired [ZLD16].
Errata [GXW+18a, NN11a, SOK+16a, TdJ15, WC10].
Erratum [Ano14h, GV18, GTS11].
Error [CCK07, CG14, EJR+14, FCZ15, FZM14, HYB+17, MY96, PA06, RMW09, Sbe97, THJ99].
Error-Bounded [HYB+17].
Errors [BJB+12, MMS+98, SM17].
Escape [MSM14].
Escher [MLM+18].
eSeeTrack [TTS10].
Establishing [NSN14].
Estimates [GJC+17].
Estimating [RRD+13, SS08, Zab96].
Evaluation [BB12, BDC17, KSL14, KL14b, MFS+09, SK15, AD12, CW11, Ota17, PZ12].
EuroVis [MYM08].
EVA [LMG+18].
Evaluate [DBP14, TTR10].
Evaluating [BW11, BBG+18, BBP+10, BBIF12, DBD18, GO15, GQM+18, HSR18, IIC+13, KO12, KLD+09, KPR+14, LBS13, MHD+18, MBZB12, MTW+12, NAK18, POMCR17, PBC17, Ros11, SSRE18, SND05, SBW17, Vas16, WZ08, eKJG+12].
Evaluation [AJDL08, AZM12, ALBR16, AS05, BGP+11, BYB+13, BPS13, BTB10, BE09, BZJ17, BGR06, BKH+11, BTJ+13, CCK07, COMP13, Cse10, DRW16, DRHK07, EMdSP+15, FSTG16, FTES13, GLH+14, GLH15, HKB+14, HMSA08, HKH+12, JRHT14, JF16, KGS+08, aKGS11, KKKT18, KOC14, KCH11, KDL12, KDA+09, LT99, LD11a, LDA12, LFA+16, MLMF12, MY13, MK13b, MMY97, MIO+15, NDM+97, NHB+17, NTS11, OBK18, PFW09, PFW12, PWK16, PFG08, PB16, RMW09, SSKB14, SD12, SFR+10, WR11, WKSS05, WCA+17, YDG17, tCMR07].
Evenly [LMG06, WLZM10].
Evenly-Spaced [LMG06].
Event
Event-Based [KFN06, VJC09].

Event-Guided [DFD+14]. EventRiver [LYK+12]. Events [BSR+14, CDW+16, DGWC10, LGM+18, LWLM18, WCS+18].

EventThread [GXZ+18]. Eversion [FS04].

Everyday [PSM07]. Evidence [BHE+09].

Evolution [wAPS14, BSH+16, BGM+17, DMR04, KZW+16, LWV+13, LWL14, SBV+11, Sun03, WPZ+16]. Evolutionary [GdbBG12]. Evolve [CLWW14]. Evolving [CLT+11, LSB+16, WIWL10].

EvoRiver [SWL+14b]. EWA [ZP+BG02]. Exact [KLI4a, KTCG17, Will12, XNLD11, XHF12, XWL+15]. Examination [HHCL01, KLL12]. Examining [FKW16, aKS12, YQK+17]. Example [ADP02, BGCS17, CZZ17b, DV95, FXG12, LC10, TTR10, WWYS04, ZBO13].

Example-Based [CZZ17b, FXG12, LC10, WWYS04].

Examples [HYZ+12, SZ11, XYS+16].

Exceptions [QH18]. Exchange [LBLE+14].

Excluded [LBH14]. EXCOL [ZHF12].

Execution [IBJ+14]. Executive [ANO14v, ANO16x].

Exemplar [CWDH09, LKL+15]. Exemplar-based [CWDH09]. Exemplars [DHC13b].

Exhibit [RGFL14, BHP+12]. Existing [CPC09, MPG+14]. Exocentric [EIKS18].

Expand [vHP09]. Expanding [LIR12, Mal05, WWC+14].

Expansion [Hau97, KLM04, MMMY97]. Expectations [KRH18]. Experience [TUG17].

Experiences [HHH16, LLKN17, LSV+18, PKG12, RKA+13, WBA+14]. Experiment [SNB+17, SFL+16]. Experimental [BMKG08, BHZ+18, BE09, BPS+11, FIBK17, KHSI04]. Experiments [MRSS+12, PGK16, TSA14, vFWTS08].

Expert [Gle13]. Experts [AJDL08, GHL18, aKS12, TVET14].

Explainers [Gle13]. Explaining [PSM12]. Explanation [BW00]. Exploratory [RRJH18, WBE+06]. Explicit [FSSH12, LCS+12, ZCCB13]. Exploded [BG06, KLMA10].

Exploiting [GH95, VB13, WLW10]. Exploration [AMA08, BS8+18, BTC13, BBH+17, BMS17, BIAH17, BWW+17, BMWW18, BBP08, BBG+09, BWT+11, BGK06, BM10, BLG+16, CDDS18, CQC+08, CWT+08, CDZ+09, CCM+14, CZZ+15, CSC07, CM08, DC17, DNN13, DFD+14, DCCW08, DMS+08, EDF08, EHRF10, EDF11, EBB+15, FDPH17, FPV+13, FMST96, GCL+15, GNB11, GDPW10, GLK+13, GS06, GW11, HSS11, HLR+08, HBJ12, HLR+12, IVJ12, JBMS09, JKM01, JMG07, JFY16, KAKC18, KLM+08, KKP+17, KBH06, KG06, LHD18, LPP+06, LS09, LMZ+14, LBK+18, LFH06, LGC+18, LKS13b, LS16, LWD+17, LBT+18, LODI16, DSC+16, MJW+13, MV06, MI13, MLKS18, MTRP10, NM13, PBN+13, PSSC17, PST+17, PLS+14, PM08, PS06, PHE+18, PTMB09, PFK+08, POM+09, RGK+13, RT12, SHM10, SKBE17, SM17, SZY+18, SPN+16, SKU+12, SYS+06, SS18, SPG14, TJW+17, TAE+11, TEC+16, TWSM+11, UDSL18, VMCJ10, VJC09].

Exploration [WL+12, WCZ+11, WYL+14, WFW+17, WAG06, WMGE12, WDSC07, WS09, WXZ+16, YEB16, YEB18, YHW+07, YSI+10, YDC+14, YRWG13, ZMH+09, ZK06, ZCCB13, ZSCC18, ZLDM16, dOL03, vHP09, vBB+10, vdEvW14, vdEHBV16, SKL+14].

Explorations [Gle13].

Experimental [BE18, BWK+13, DPW+15, DB07, FFB17, GBW17, LH14, LLZ+16, LTP+05, MLMF12, SKB+18, STM17, TWSS16, WMA+16, XYC+18, ZGC+17, ZCPB11].

Explore [HF06, HFM16, LPK+16].

Explorer [PGK16, BGM+17, GFG+14, NJB09].

Exploring
KHL99, KPB14, LZH+07, LWCS96, LH09, LWZ+16, LDC16, LWC+18, MWCE09, MK13a, MDM10, MOG11, PYW+16, PSR17, RKKH12, RGC+14, SYM14, SM17, SS06b, SRML07, VKG05, Wan06, WWLM11, WSW16, WTVP11, WMK13, WMGE12, ZAM11, vWPSP96, CJR07, LSC08.

**Feature-Based**

BK11+11, MK13a, RGC+14.

**Feature-Driven** [WMGE12].

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

**Feature-Preserving** [FYP10, LDC16, LWC+18, SRML07, WWLM11].

**Features** [AMA07, CC08, DW14, DS16b, EJBA11, GK95, GKB17, KY06, LT11, LLLF08, MPWG12, QM16, SW97, WLL+05, WSPVJ11, WFS+16, YON06, LSC08].

**Fiducials** [SPS06, WXKP14].

**Feedback** [BK+11, HOG+12, KFN06, LBBW18, RB11, WWL+10].

**Feeler** [JAA18].

**Feels** [GLM+17].

**Feiner** [Ano14d].

**Felix** [SP+16].

**FEM** [JDS18].

**Ferns** [GSCI15].

**Fetus** [MKM+17].

**Fiber** [F13D, YSI+10].

**Filaments** [BBW+17, BVP+HR09, EBB+15, JDL09, KTCG17, TC17, WI+17, ZCL08].

**Fiber-Clustering** [ZCL08].

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

**Filibrus** [MMK06].

**Fidelity** [BBG+18, BZGV14, CS18, CPK+05, HWA15, LBS14, MWC11, MBZB12, RYL+18, RPHI08, SHC+09, VBC+16].

**Fiducials** [HR11].

**Field** [Ano05c, Ano14h, BES12, BW08a, BBG+18, CML+07, DANS10, DGB09, DPR00, DTT+17, FBW16, FCL09, FSE12, GPR+01, IK15, IAJK16, IMS15, JDS+18, JHW+14, KDBB17, LIX+10, LKJ+05, LKCO9a, LH16, LH1H, LBZ+11, LL04, LPG15, MK13b, PW95, PLC+11a, PBL10, PGL+12, RKSB13, RBK+15, RLH11, RLL+13, RBDG15, RT12, SKMR98, SZH97, TN11, USE13, WLL+05, WSY07, WLHD17, WASQ18, WZF+04, WT10a, YHLJ08, YCLJ12, YLK12, YNBH11, YXM+15, Zag96, ZHT07, LLRR08, WSW16].

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

**Fields** [AZC+12, BGT12, BZGV14, BSH15, CML08, CKW+12, CLB11, DHL09, ES05, FA15, GPR+01, GKT+08, GY02, GJR+14, GYK+16, GDN+07, HA04, HE06, HLL97, HVWS11, HRN+03, JBS06, KL14a, KWH00, LPKK12, JL04, LVR06, LSC06, LTWH08, LJHY14, LFR03, MBS+04, MCHM10, NKL11, NKL14, NJ99, NLS11, NDS10, PQM17, PZ11, PYW+16, PvdBC+11, PM13, RK+11, RKWH12, S+CT+10, SHM+07, SWC+08, SK08, SLB04, SWCR15, SWW+16, SCKR08, SVBW17, SH00b, NZ12, SS13b, TWH05, TN13, TN14, TP12, TKW08, WC09, WC10, WTVP11, WUN14, WJE01, WPG05, WGS0b, WPLL96, YQ17+17, ZSC+13, ZSL+16, ZBG+17, ZPP05, vLdL03].

**Fighting** [VF13].

**Figure** [KCC17].

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

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

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

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

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

**Files** [BBO+12].

**Filesystem** [BYB+13].

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

**Film** [YNYH06].

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

**Filter** [BC12, CC08].

**Filtered** [ASD14, LKCO9a, SP07, Wena10].

**Filtering** [BSR18, BTH+13, DM04, JW+14, LWC+18, NHPN14, RML12, SJ06, SBE+15, TLQ+08, WC09, WC10, WYP+15, WDC08, ZFAT11].

**Filters** [LS02, MMY+07, SCKR08].

**Finding** [AG16a, BOZ+14, KWH+09, TWS+11].

**Findings** [JHKL13, KDX+12].

**Fine** [DWB06].

**Fine-grained** [DWB06].

**Finger** [JNC+15].

**Fingers** [TMDO15].

**Finite** [AWB11, BGT12, BTH+04, BSL+12, FSH12, GT17, GHP+16, MNB07, NKL11, NKL12, NKL14, SBB+06, WBH04, XHF12].

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

**First** [BYA15, MWM11, NO97, TMM+13].
First-Person [TMM+13], Fishes [BDSS18], Fisheye [BGR06, CLB+16, GKN05, WHL+12], Fishtank [DJK+06, PFK+08], Fit [TTR10], Fitmaps [PPT+11], Fitting [CWQ+07], KZW+16, LLW06, OK11, YLSL11. Five [RHR16, SNR14, ZWA+13], Five-Level [SNR14], Fixation [TTS10], Fixed [Lin14f], Fixed-Rate [Lin14f], Flame [SZN+18, YL18], Flames [BWP+10], Flat [NWHWD16], Flat-Shaded [NWHWD16], Flattening [GSZ+13, PMCS11, SFH06, SF04, ZKK02], FLD A [HLG+14], Flexibility [BPG12], Flexible [BG07, CvW11, CCS12, KLKS10, KS02, PS06, PHF07, SLB04], Flexibly [HOG+12], Flicker [WLB+14], Flight [KWDG11], Flip [GCT17], Floating [FM12a, Gor02, Li06, Lin14f], Floating-Point [FM12a, Li06, Lin14f], Flood [KWS+14], Flooding [RWF+13], Floorplan [SWF+16], Flow [AHK+17, AH11, Ano14h, BS95, BT13, BB07, BB+12, BPB14, BPM+13, BMST97, BPS+11, BS11, BHSH15, CFM+13, COJ15, CDR+18, DMC+12, ES01, FC95, FPH+08, GGTH07, GNPB11, GST16, Guo09, GZL+14, GZ14, Har16, HEWK03, HLNW11, HLG+14, HZ13, HPC+13, JKLGO8, JEHO2, JCG08, JM10, KLC09, KSG+16, KBE+18, KHS+18, KJW+18, KM96, KGP+13, KGJ09, KGG+12, LvWJH04, LGV+16, LM05, LCS+12, MEB+14, OJ12, OJCJP16, PW95, PH07, PW13, RKWH12, RLL+13, RYL+18, RC06, SPS06, SSMG13, SYM14, SVB+11, SWR+13, SHM+07, SWC+08, SPO+12, SK98, STM08, TMWS13, TWSK14, TWS116, VP04e, WRF+11, WZF+04, WTPP11, WSE07, Wen14, WGS07b, WG12, WT10b, WYM12, XLS10, YDGM17, YLK12, YS17, ZYLL09, ZWZ+13, ZT09, vPBB+10, vPBB+11, vWFTS08, CR06, LTWH08], Flow-Based [DMC+12, KLC09], Flow-Sensitive [KGG+12], FLOWLENS [GNPB11], Flows [CVC10, FC95, GT17, GHP+16, HPAW07, KKKW05, LCC+17, LXT18, SHV16, SvdBML11, VHHL14, WSTH07, WS01], FlowVizMenu [VMCJ10], Fluid [AB06, ATT12, BT09, CMF12, DRW16, GLRH13, GGTHT07, KWC+10, LGS+11, LTKF08, VHHL14, YESK05, ZWJZ12], Fluids [BB07, BK17, BLS12, CMHL11, HMT10, KAK+07, MEB+14, PT17, ySKK07], Flux [GPP+16], Fly [ZD18], FlyAR [ZHLR14], FlyCap [XLC+18], Flying [XLC+18], Flythrough [CORLS06], Foam [KLCK17, LLCD11], FoamVis [LLCD11], Focal [BE06, IMS15], Focus [CWK+07, DSP+17, FHS+12, GNPB11, HS11, HLC10, QWC+09, TWSK14, TS08, VFSG06, WLT08, WC11, WWLM11, WP16b, ZZG+12, vLBB16, zBBKN14, Kin10, NH06], Focus-and-Context [GNPB11, zBBKN14], Focus-Dependent [CWK+07], Focused [BDW+08], Focusing [BW00, GDKB17], Fold [NMG17], Folding [BTH+16, ERHRF10], Foldover [MXZ15], Foldover-Free [MXZ15], Folks [GZJ+12], Font [ACS+18], Footprint [CDK04, Ros11], Footprints [IDA+14], Footsteps [NTS11], Force [KKKT18, YML+17], Forces [HEG+17, LA11, ZK10], Forcing [BTTO9], Forecast [FKRW17, HZM+14, KTB+18], Forecasting [MHR+11], Forecasts [QM16], Foreground [LLC15], Forensics [AERA14], Form [AL11, DQ07, FvdPT97, GD01, RSB96, Stü98], Formal [YFR13], Formal [LLT04], Formation [HSTK14], Forms [Elb98, SZY+18, Wea09], Formulation [SCT06, WT10b], Forums [FZCQ17], Forward [CLEK13, HKH+12, PSM06, WXKP14], Four [BVW+07, HB13, SZB+09, TSA14], Fourier [ES05, DNP07], Foursquare [KTE15], Fractal [CHF95, CHF96, KW10], Fractals [VML97], Fractional [KBVH17].
Fracture [AHK17, GMD13, Vis15].
Fracturing [BHTF07, GSM14].
Fragrance [HQS18]. 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, BTO+18, CJ10, CVG13, CMPC06, CC12, Div5, DK11b, DNN13, EMP09, EASS+18, GKM+15, HMG14, JKM07, Lam08, LP02, LNS08, LWLM16, MMH+13, MMAM14, MP13, NM13, NDR96, PHF07, QT96, QK04, RESC16, RRJH18, SE17, SBM+06, SHB+14, SS06b, SPN+16, SLK+17b, SNR14, THM15, TWSK14, TCM10, VP15, WJA+17, WSD+13, WWS+18, WLLM13, XHT+07, XLS10, YYY+14, YDC+14, YS17, ZAM11, ZK07, FHL10]. Frameworks [BVW07, CAN14]. Framing [HD11].
Frankenrigs [MAF11]. Fraudulent [LGM+18]. Free [AL11, BK17, BC18a, DQ07, ELF13, FvdPT97, GD01, JHGH08, KV98, LLB+06, LDX10, LCM12, MZ15, MSA+11, OMD+12, RSB96, SH00a, SK99, Stü98, TYSN06, Wan08, WLW+18, WQZ+18, LGV+16]. Free-Form [AL11, DQ07, FvdPT97, GD01, RSB96, Stü98].
Fronts [ZK14a]. Frustum [CLT+08, WHL16, LCM07, CLT+08]. Frustum-Traced [WHL16]. FTMS [BvL06]. Full [AdLH13, KFL+15, LWP+06, TzL+12, WLL+16]. Full-Body [AdLH13].
Function [BMWM06, GOR02, IWR+18, KMG+06, LWS+17, MWC09, MJW+13, SKK06, SN09, Se15, SP96, WZK12, WQ07, ZWZD15, ZT09]. Functional [BKDE00, BL0+14, DWBR06, FCSF17, HPNT18, JV09, JEG12, LSZ+18, MF11, VAW+17, WSSL12, tCMR08]. Functions [BEHP04, CR08, CM08, CM11, EMRY02, FGF+05, GMPW10, GQGP17, GNP+06, GPH07, JWD+14, KM96, KKHO2, LF97, LHLW10, LLC+12, LLZ+10, LHZ+04, LL06, NHP14, RE01a, SCT06, SSC+16, XJF+08, YCLJ12, ZDW+05, vAPP+11].
Fundamental [XYGL13]. Funding [MEV+14]. Furniture [KHLM17, ZGM18]. Furry [QCH+14]. Further [AMA06].
Fused [LDH09, PVP+11]. Fusing [CM16, WLDW11, YXYF18]. Fusion [BBB+12, LKR+18, WHR02, ZNZX16].
Future [JF16, KJH+18, Min13, NJ16, Sat13]. Fuzzy [FM12b, SJL+18a, SB04, VRW13]. FWP [XWL+15].
Gains [SHV+18, ZLK+18]. Gait [JBS+18].
Galaxy [MQF06]. Galleries [JFY16].
Galvanoscopic [PWG17, WG16]. Game [CW12, CB15, MBZ12, WGY18].
Game-Based [CW12]. Games [AZ12, BEJK12, Ch16, GW13, LXC+17, MI10, MY14, OA11, SK16a, SW17, VW12].
Gamut [SLGM09]. GANViz [WGY18].
Gaussian [JBS+16]. Gaze-Aware [LSV+18].
GazeDx [SLK+17b]. GazeVis [SKYS14].
GDS-PM [BGK11]. Gel [LLB+06].
Gel-Free [LLB+06]. Gender [PDBG18].
Gene [DWvW12, FNM13, KLK+09, YDC+14].
Genealogies [BDF+10]. GeneaQuilts [BDF+10].
General [DLA+09, GRT+17, GUO00, IKLW14, LS02, LP02, MM11, MHDG11, PRA+10, WBE+06, YNM15, ZHGH11].
Generality [BDHJ04, CCM13a, GMD LLWQ13, LWZ HB13, HLCB18, IHR01, IML13, JR07, LLIWQ13, LWZ+16, QLLM13, TP12, VvWvdL06, WTS+07]. Generate [IHK05].
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, GKT+01, HWI95, IYK01, KLM+08, KDBB17, KBH13, LHH+18, LS07b, LML+18, LSV+18, MWCE09, NLS11, SSS+14, SRML09, TW18, TLLH12, VABW09, WZC+15, ZL+15, ZTO9].
Generations [FDC+18]. Generative [LSC+18]. Generators [LMD12]. Generic [DH02, GW06, HPJG08, LJJ+18, VCP08].
Genes [SAB+16]. GeneShelf [KLL+09].
Genetics [NKHCO8]. Genome [BGM+17, LBK+18, NJB09]. Genomes [WWFT03]. Genomic [ADG11, ORRL10].
Genomics [GHL18]. Genotet [YDC+14].
Genus [RvWT08]. Geo [CS18, CYW+16, NASK18, PSKN06]. Geo-spatial [PSKN06]. Geo-Statistical [NASK18]. Geo-tagged [CYW+16].
GeoBuilder [WTL+09].
Geodemographics [SDW11]. Geodesic [DiL14, 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]. Geology [CCB+18]. Geometric [AIS18, BDK98, BMPB08, BGK11, BGR06, CGL+17, CZN+11, CCM+13b, DBM+06, DVC18, DQ07, GNCM+16, HOT98, HHZH17, HLYL18, KBB+12, LM96, MTB17, MTB18, PWG17, QT96, RF11, SK99, TD95, TL07, WHR02, WTL+09, YNM15, ZHL+09].
Geometric-Semantic [BRG06]. Geometrically [FST+14, LSS+15].
Geometrically-Correct [FST+14].
Geometry [BSS+13, BDHJ04, BBK07, BW08c, CZQ+08, DMC+12, DdL14, FH16, GBP12, GKL+16, HDJ05, KV03, KSY16, KV08, LHV06, LBZ+11, LJJ12, MCK12, MDS16, PH08, RYKL13, RKK+15, SMG+13, SBOIT05, VB13, YL08, ZLG+06].
Geometry-Aware [SBOIT05].
Geometry-Based [CZQ+08].
Geometry-Dependent [LHV06].
Geometry-Driven [ZLG+06].
Geometry-Invariant [RYKL13].
Geophysical [KSDD14, WPB+11].
Geoscientific [USKD12]. Geospatial [BDW+08, TMH+10]. Geotagged [JHR10].
Geovisualization [KMM+13, LD11b, Rot13, WDSC07].
Glimmer [IMO09]. GLO [SKL+14].
GLO-STIX [SKL+14]. Global [GLB+06, JKRY12, JY17, KSY14, KGPB05, KPR+14, LWZ+16, LSPW12, LKM+18, NXSL13, NPPZ12, NDR96, PSKN06, QXF+07, RvWT08, Sil95, SS95, VARS14, WWFT03, WPSH06]. Globally [FJZ+18, LBG+08, SJB10, ZM13].
Globbing [GHA+08]. Globe [BAB+18].
Glossy [WXKP14]. Glyph
[DTW+15, KW06, KBH13, MRSS+12, MSSD+08, TLS17, ZSL+16]. Glyph-Based
[DTW+15, MSSD+08, ZSL+16]. Glyphs
[TLS17]. Glyphs
[FIB+14, FIBK17, GRT17, HLNW11, JKM06, PW13, SK10, SBW17, WPL96].

GMM [LWC+18]. GMM-Inspired
[LWC+18]. Goals [LTM18, SKY12]. God
[ORC07]. God-Object [ORC07]. Gödel
[GB08a]. Going [BOP15]. Good
[BTS+18, MS18b]. Gosper [AH+10].

GosperMap [AH+10]. GP [LWC+18].

GPU [LML13]. GPU-Based
[BC12, BFTW09, CK11, CFHH09, FTO7, GW06, GWBO12, GN12, HSZ+11, IM09, KKM+09, KMH11, KKP08, LBG+16, LQXL14, LCIPD13, MN07, NKHI, NKHI4, PSR17, PFK07, QCT13, RZHB+08, RSKH11, RLW+11, SMP11, SR17, SN10, SHC+09, WX13, WZC+15, WAG+12, WJR+13, vAPP+11, vPVvdW10].

GPU-Assisted [BC12, KMH11, PSR17].

GPU-Assisted [RLW+11]. GPU-Based
[CK11, NKKH11, NKKH14, vAPP+11, vPVvdW10, CFHH09, PFK07, RSKH11].

GPUs [GPC+17, HL09, KL14a, KM16, ME09, MGM14, VHBS16]. GRACE
[MMH+13]. Gradient [AMC10, BHST17, BLMN96, CHMN11, GAMDI0, GW1K2, HAM11, IVJ12, POD+13, ZSL+15].

Gradient-Based
[BHST17, POD+13, ZSL+15]. Gradients
[PT17, PMW13]. Grained [DWB06].

Grammar [DC17, SMWH17].

Grammar-based [DC17]. Grammars
[ARB07, LBZ+11]. Granular
[GSL+17, MSW+08]. Graph
[AvHK06, AHK+17, AHKMF11, AMA07, AMA08, BGK08, BBV+11, CQZ+08, DDGL17, DL1F+09, EHP+11, FYF+18, FWSL12, FT07, FT08, FT09, GNH13, GHL15, HMM00, HZM+16, HEF+14, IK95, JHH+10, KKKC15, KHZR18, KLM16, KCM18, LWZ+16, LLCM12, MWSJ14, MM08, NHEM17, PSF09, PHE+18, PBC17, PPP12, RSOW18, SNG+17, SD12, SKL+14, VBB16, VJC09, WBW+13, WSA+16, WHZ+18, WWS+18, WFC+06, WCA+17, WXR+12, YCHZ12, ZGB+17, ZBBW08, vHR08, vHP09].

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

Graph-Cuts [WWB+13]. Graph-Level
[SKL+14]. GraphDiaries [BFP14].

Graphic [DWA10, OA14]. Graphical
[BP09, HMA08, HFMC12, HKKS18, IIS14, JME10, KA12, MB01, RMW09, SSRE18, VB18, WCHB10, BDM+17].

Graphics
[AD12, Ano12h, Ano13j, Ano13k, Ano14j, Ano14k, Ano14l, Ano16, Ano16k, Ano16l, BW17, CW11, DNP07, DB07, GW13, GBW17, GLM06, HE12, HR07b, HLM10, Hub95, JvdL13, Kas12, KSL+17, LS07a, MH10, MY14, MMCE09, MSF+09, OA11, PZ12, QMK+06, QK04, SK16a, SMWH17, SwW98, SiL17a, SiL17b, SiL18a, SiL18b, SDW11, SR00, SW17, VW12, YSL+13, Ano14c, Ano15a, Ano16f, Ano16a, KHE09, Ano17e, Ano18a, Ano18b].

Graphiti [SPE18].

Graphitic
[GKL+16].

Graphs [APP11, AMA11, BW11, BBD+11, BBG+09, BW08c, CHK04, CK10, DN12, DN13, DKM06a, DKM06b, DRM13, GKN05, GWP11, QMK+06, KM07, MK13a, MNS18, ODSK16, PV06, RM13, STS06, SAC+08, SS13b, TN13, WFM+06, WFM+12, WSW+18, WWS+16, YLZ+13, ZGB+17, ZGI+18, ZBDS12, vOw0L, vvdZCT16, vLBR+16, TVG+09].

GraphSplatting [vLdL03].

GraphView [AvHK06].

Grasp [LPF+07]. Grasping
[PB16].

Gravity [KCT+17, YQK+17].

Gravity-Reduced [KCT+17].

Gregory
[Ano13e].

Gremlin [ORRL10].

Grid
[BH07, GW06, GIK+07, HHM14, MHDH07, WSM+09, YDG+16].

Grids
[BCS11, BS11, CBPS06, Dic14, FC95, GJ10, IHRR01, MSHC99, MHDG11, SSS06, SM97, USM96, GN12].

Grotto [KLYE13].

Ground
[KCC+17, LB17, PGI+17, ZBY14].
Grounded [LKH+16]. Group [AAB+13, BKKF13, GFG+14, JRHT14, SSKB14, tCMR08]. Group-to-Group [BKKF13]. Grouped [YDG+16]. Grouper [LGLR14]. Grouping [BW14, YESK15, GSL14]. Groups [BOP15, DSC+08, KO12, ZCJH12]. GrouseFlocks [AMA08]. Growing [MDS16]. Growth [BMJK09]. Guarantees [BLW14]. Guest [BSI18, BRS18, CKSB14, DW17, GKR14, KRTvW06, LA11, MTS07, ORC07, PCY08, PIS15, SO17, UK12, WZW+05, ZK17, ZH07]. Haptics [BLRW05, HSR18, HBKS09, HQ04, NNN+18, STH13]. Haptics-Based [HQ04]. Hard [LYY08, WHL16]. HARDI [PPvA+11]. Hardware [CICS05, FM07, GLM06, GU00, JvdLR13, JFTW07, KXX+18, LMC02, MK09, QMK+06, SP+13, SR00, WWL07, WKME03]. Hardware-accelerated [FM07]. Hardware-Assisted [CICS05, LMC02]. Hardware-Based [WKME03]. Hardware-Decompressible [KXX+18]. Harmful [CG14]. Harmonic [YCL12]. Harmonics [BZGV14, LLW06, LP12, ZTZX13, ZT09]. Harmonization [FCZ15]. Harnessing [McK09]. HART [NP+15]. Hashedcubes [PSSC17]. Hasse [CdOKRV09]. Hazard [Zha14]. Hazy [ZHC18]. HDF5 [BSO+12]. HDR [YNCP06]. Head [CDK+17, DFG+14, GIMS18, HHI+18, HWHK16, HRRS15, HV00, IK15, IDAK15, IAIK16, KBB+12, Kra16, LCR16, LMD12, LH16, LHC10, LXYR18, MZH+08, MO+15, dJOBNM17, OTKS15, PIN+15, PGI+17, RKS13, RSB17, SQG16, SHV+18, SBR+11, XST+18, KN17]. Head-and-Eye [LMD12]. Head-Motion [LXYR18]. Head-Mounted [CDK+17, GIMS18, HHI+18, HRRS15, IK15, IDAK15, IAIK16, KBB+12, Kra16, LCR16, LMD12, LH16, LHC10, LXYR18, MZH+08, MO+15, dJOBNM17, OTKS15, PIN+15, PGI+17, RKS13, RSB17, SQG16, SHV+18, SBR+11, XST+18, KN17]. Head-Tracked [HWHK16]. Head-Worn [DFG+14]. Heads [DH08]. Health
Hierarchies [ZWA+13]. **Healthcare** [BES12, YG02]. **Height** [BES12]. **Heightfield** [CMK15]. Helmholz [BNPB13a, BNPB13b, BPB14, PPL+10]. **Hemicubes** [Max95b]. **Hemodynamic** [GLvP+12]. **Hertz** [BDP16]. **Heterogeneity** [HCP+15]. Heterogeneous [AWB11, CDC+07, CCQ+14, GSA+09, HKC+12, KMDH11, KLL+13, KSY+14, LPP+17, SME+06, SSL+12, Vis+15]. **Heuristic** [PBN+13]. Hex [MCK12]. **Hexagonal** [LLW15, NPPZ12]. Hexahedral [DGW11, Dic+14]. **Hexahedralization** [JH+14]. **Hi** [ETO+10, MSvG+11]. Hi-Res [ETO+10]. Hi-Trees [MSvG+11]. Hidden [DW14, EIKS18, RFFT17, SGPR18]. Hiding [KSNY17]. Hierarchical [AHL+13, Bac+07, BK+13, BWK+13, CLCQ+12, CD8+12, CLWW14, EF10, FKR+17, GW11, HSW11, HPV+18, Hol+06, HFL+18, IVJ+12, IYK04, KHD+02, KMT+14, LB+13, MV06, MB+01, MT+01, PLC+11b, PM08, SST+17, SG09, SIl5, SDW09, SJ09, TS07, VC17, WXJ17, WXC+08, XNT11, XF04, YSZ+04, YWS+12]. Hierarchically [FWR00]. HierarchicalTopics [DYW+13]. Hierarchies [AMA11, DYW+13, GHJ+98, GGP+13, HD+05, KSH03, KMKY10, KH+98, SHS11b, VBW16, WD09, WD10]. **Hierarchy** [AMA08, BJY+18, BEHP04, CHK04, CL06, HJW99a, HJW99b, HS+11, LJS+15, MB+18b, SHS11a, Szy+13, VHBS16, WBH04]. High [ALM11, Ano+09b, BM+01, BH+07, BZG+14, BSL+12, BV+06, ChL+09, CPK+05, CAN+14, CF+10, Cse+13, DAW+13, DK11b, FAW10, GPL+11, GBPW10, GS4, GLX+18, HBKS09, HE06, HB14, HAM11, **KPR+15, KP+14, KHR+18, LR+97, LAM+10, LYS+10, LMZ+14, LKL+15, L+10, LBH+18, LW+07, LCPD13, LMW+17, MCK+12, MNK+07, MSCH+99, NB+95, NM+13, NKL+11, NL+12, NKH+14, NW+11, OHJ+11, PNML+08, RZHB+08, RYL+18, RPH08, SKK+06, SSB+17, SS+06, SSF+09, SS+06b, SRC+02, SRC+03, SCH+09, SB+14, SPW07, SLW+10, SJK+12, TAE+11, TFFH11, TLL+12, TKB+17, W+08, WSPVJ+11, WM13a, WM18, WD09, WAG06, WMS+98, WPS+16, WD+16, XYC+18, YHJ+17, YGD+16, YNC+06, YR+13, ZK+06, vAPP+11]. High-Density [LBH18]. High-Dimensional [AL+11, DAW+13, GS+14, LMZ+14, LT+16, LMW+17, NM+13, OHJ+11, SS+06b, TAE+11, TFFH11, TLL+12, TKB+17, WM13a, WM18, WAG06, WMS+98, WPS+16, WD+16, XYC+18, YHJ+17, YGD+16, YNC+06, YR+13, ZK+06, vAPP+11]. High-Fidelity [CPK+05, RYL+18, RPH08, SCH+09]. High-Level [BV+06, BN95b, SKK+06, SRC+02, SRC+03, SPW07, WD09]. High-Order [BSL+12, MCK+12, MNK+07, NKL+11, NLK+12, NH+14]. High-Performance [DK+11]. High-Resolution [AN+09b, BMR+01, BH+07, CF+10, Cse+13, FAW10, GLX+18, HE06, HB14, HAM11, LYS+10, LKL+15, LJ+04, LT+16, LBH+18, LW+07, LCPD13, LMW+17, MCK+12, MNK+07, MSCH+99, NB+95, NM+13, NKL+11, NKL+12, NKH+14, NW+11, OHJ+11, PNML+08, RZHB+08, RYL+18, RPH08, SKK+06, SSB+17, SS+06, SSF+09, SS+06b, SRC+02, SRC+03, SCH+09, SB+14, SPW07, SLW+10, SJK+12, TAE+11, TFFH11, TLL+12, TKB+17, W+08, WSPVJ+11, WM13a, WM18, WD09, WAG06, WMS+98, WPS+16, WD+16, XYC+18, YHJ+17, YGD+16, YNC+06, YR+13, ZK+06, vAPP+11]. High-Density [LBH18]. High-Dimensional [AL+11, DAW+13, GS+14, LMZ+14, LT+16, LMW+17, NM+13, OHJ+11, SS+06b, TAE+11, TFFH11, TLL+12, TKB+17, WM13a, WM18, WAG06, WMS+98, WPS+16, WD+16, XYC+18, YHJ+17, YGD+16, YNC+06, YR+13, ZK+06, vAPP+11]. High-Fidelity [CPK+05, RYL+18, RPH08, SCH+09]. High-Level [BV+06, BN95b, SKK+06, SRC+02, SRC+03, SPW07, WD09]. High-Order [BSL+12, MCK+12, MNK+07, NKL+11, NLK+12, NH+14]. High-Performance [DK+11]. High-Resolution [AN+09b, BMR+01, BH+07, CF+10, Cse+13, FAW10, GLX+18, HE06, HB14, HAM11, LYS+10, LKL+15, LJ+04, LCPD13, MSCH+99, NW+11, RZHB+08, RPH08, SS+06, SJK+12, YGD+16, ZK+06]. High-Relief [YHJ+17]. High-Density [AN+09b, BMR+01, BH+07, CF+10, Cse+13, FAW10, GLX+18, HE06, HB14, HAM11, LYS+10, LKL+15, LJ+04, LCPD13, MSCH+99, NW+11, RZHB+08, RPH08, SS+06, SJK+12, YGD+16, ZK+06]. Higher-Resolution [AN+09b, BMR+01, BH+07, CF+10, Cse+13, FAW10, GLX+18, HE06, HB14, HAM11, LYS+10, LKL+15, LJ+04, LCPD13, MSCH+99, NW+11, RZHB+08, RPH08, SS+06, SJK+12, YGD+16, ZK+06]. Higher-Dimensional [AN+09b, BMR+01, BH+07, CF+10, Cse+13, FAW10, GLX+18, HE06, HB14, HAM11, LYS+10, LKL+15, LJ+04, LCPD13, MSCH+99, NW+11, RZHB+08, RPH08, SS+06, SJK+12, YGD+16, ZK+06]. Highlighting [AKM+11, GR+15, SOK+16a, SOK+16b]. Highly [PT+17, SPP+14]. Hilbert [TC+13]. HindSight [FDPH17]. HiPiler [LB+18]. HiPP [PM+08]. Higher-Dimensional [TL+05].
Histograms [CBB06, CM11, DCM13, GPL+11, IVJ12, LS13b, LLY06, NSW+17, SSD+08, SBSG06].

Histology [JST+10], Historical [KZD+10].

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

History [CDW+16, FDPH17, IWSK07, SSIF09].

History-Based [SSIF09]. Historygrams [JKRY12]. HMD [LHH16]. Hodge [PSBS12].

Hologram [BSB+18]. Holograms [HAGS16]. Holographic [ZKG07].


HPC [BSO+12]. HRTF [SNM16]. HRTF-based [SNM16].

HTDs [WHR02]. Hub [QMK+06].

Hub-based [QMK+06]. Hue [CWM09b, KGZ+12]. Hue-Preserving [CWM09b, KGZ+12].

Huge [CMR03]. Hull [FYZ+17, GCT17, HSR13a, LGS12, WPZ+11].

Hulls [BWC04]. Human [AZM12, ASW12, BKW+13, CLAL12, CBL07, CZN+11, CMT+13, CTT+16, CC12, CFC17, Dan16, DCKY02, EIKS18, FGBB09, FBLs05, FWG09, HHCL01, HOT98, HCMTH15, IPD+07, JER16, KDMW16, KPBL16, LDB+11b, LC10, MMK+17, MT01, NQX+05, PBO+14, RJD+07, RRD+13, SAM+07, SZY+18, SSS13, TCK17, TSB+05, TZY+12, TM04, VBC+16, WSD+13, WBA+14, WXZ+16, YSD+17, YQQ+17].

Human-Analytics [TKC17]. Human-Centered [LD11b].

Human-Computing [CC12, BPO+14]. Human-like [KDMW16]. Human-Object [KPBL16]. Human-Scale [SZY+18].

Humanoid [RBLW07, SSS13]. Humanoids [NT99].

Humans [KLD+09, LBHW18, RGFLL14, RKA+13, RCL+15]. Hundreds [YHW+07].

Hurricanes [JCRS09]. Hybrid [BW03, BBD+11, BIA17, CGC+11, FCSF17, GPC+17, HII+18, HFM07, HBC12, IDW+13, LH09, LCNG14, MGS+14, MPO+06, MRS+13, MHDH07, NKP+15, RMI3, SSB+17, SLNB11, TK14, VMJ10, YLX+12, YR95].

Hybrid-Image [IDW+13].

Hydrodynamic [LBM+06].

Hydrodynamics [SFBP09].

Hydrogen [BWP+10].

Hyberboloidal [MSM+11].

Hyberelastic [OLB+17].

Hypergraph [SW13].

Hyperlapse [LHJ+18].

HyperSlice [TWBBM17].

Hyperspectral [KZD+10].

Hyperspheres [AJ97].

Hyperstreamline [FA15].

Hypothesis [KLM+08].

HySAR [HII+18].

I3D [GW13, SK16a, SW17, MH10, OO15, OA11].

IBFVS [LvWJH04].

IBR [BHST17].

ICCD [TCYM09].

Ice [PSBS12].

Iconic [vWPSP96].

Idea [PGU12].

Identification [DANS10, LGG+18, LSH07, SZ11].

Identify [DNN13, LGM+18].

Identifying [AAM+12, LWLM18, NR18, WGS+13, ZCL08].

IDSS [BBZ13].

IEEE [Ano14j, DFQ12, ILMH12, Ano11i, Ano12c, Ano12g, Ano12h, Ano13j, Ano13k, Ano14c, Ano14j, Ano14k, Ano14i, Ano15a, Ano16f, Ano16a, Ano16k, Ano16l, Ano17k, BHGK14, BHTY15, BKL18, CR08, CCH14, CLS13a, DS17a, DS18, DW17, EDF08, Ert10c, GMM05, HXY+16, HKQ13, IHK+17, Joy02, JLS15, KHE09, KKL11, KHSB11, LSCN09, LST+16, MW13, NSW11, RVWT05, Sil17a, Sil17b, Sil18a, Sil18b, vWM10, vW11, Ano17e, Ano18a, Ano18b].

iForum [FZCQ17].

Illuminated [SZH97, ZM13].

Illuminating [EDK10].

Illumination [AZD17, BB09, BKA+11, BZGV14, DWB+06, HXF+15, JKY12, JY17, KSY14,
KGPB05, KPR+14, KJL+12, LR11, MB18a, NW10, NDR96, QXF+07, RBDG15, RJG17, SMP11, Sil95, S95, SYR11, WB08, WSE07, WLDW11, WPSH06. Illusion [SNB+17]. 

Illusions [BSWL12, PDBG18]. Illustrate [LSM03]. Illustrating [PGT+08].

Illustration [BPG12, CYZ+09, CSC06, JCRS09, KZL07, RE01b, RHD+06, SEA09, ZHX+11]. 

Illustration-Inspired [JCRS09, SEA09]. Illustrations [Elb98, LCC+17]. Illustrative [BWF+10, BGKG06, CFM+13, CSC07, EBRJ09, HGH+10, LMT+03, RBG07, VI18, WGM+08, WBE+06, XHT+07, vPPvD10].

Image [Aho10e, ADP02, BW03, BW04, BBH+17, BWV+07, BS02, BTC10, Bro06, CTM+13, CMF+18, CAH+13, CMS04, DMC+12, DMR04, DL03, DHL13b, EHA11, FZC13, FTB+13, FYP+18, FGBB09, FWT+04, FZC+07, GO15, GPC+17, GSPJ08, GGZ+18, GDBK17, HKC+12, HSR13a, HSR13b, HSSK16, HLCB18, HLD+08, HPC+13, IHK05, IDW+13, JST+10, KLC09, KSY16, KOJC12, KCS+16, KOJL+14, KHP50, KOF08, KHH+16, LBD13, LVWJH04, LRN96, LWC06, LG13, LS07b, LSWZ17, LL17, LHFY12, LLI15, LR11, LY12, LSS+15, MS08, ME09, NZS+17, NDR96, PJ03, PGL+12, PBCR11, PPM+11, PMD+07, STB18, SGB13, SSB+17, SZK15, SK13, SKP07, SSW18, SYR11, TWSM+11, VAS16, WW07, WGS07a, WWC+14, WFS+16, WJR+13, XLD11, XFO4, YCZ+16, YL08, YCJJL08, ZH15, ZWS+17, ZJX+15, ZKG07, vdCvW14, vLBB16].

Image-Based [BW03, BW04, BBH+17, Bro06, CAH+13, FZC13, FGBB09, FWT+04, HSR13a, HSR13b, KHH+16, LS07b, NDR96, PJ03, PGL+12, STB18, SZK15, WW07, WGS07a, WFS+16].


Images [ASG15, BEK10, BMW17, CYZ+09, CWC+06, CMP14, DMR04, DHM13a, ERL+13, FWT+04, FBLS05, GQM+18, Hu16a, HNR+06, IV11, JDA+11, KPR+15, KZD+10, KCC+17, KCW13, LAK+11, LWYM12, LNH16, LMR+13, NRS15, OHH06, PZL17, PMH18, SKS14, Sim07, SLK+17b, SN97, SPM14, SJK+12, Tzc13, WJLW10, WQ07, XD11, YL16, YYFX18, YFM01, ZDL13, ZHC18].

Imaging [KBH+10, MNK10, PIN+15, RB18, SHC+09, TT05, XSM+17, vAPP+11]. Imagining [HKKS18]. Imitation [ZHJ+11].

Immaterial [LDH09]. Immersion [DHL09, LSSB12, LBS13, Ohl18, SBS16, SHV+18, WGR+18]. Immersive [ANR+18, BGC+11, BS+18, BKKF13, BL15, BIPS12, CB15, CDE+17, DRHK07, ES01, GPL+13, GS16, KNR17, KBS13, KMLM16, LLC17, MWC06, PGR13, RBLW07, SM12, TIS16, Ty02, TUG17, VSS08, ZKM18].

Immiscible [MEB+14]. Impact [ARH+15, AN13, AAM+12, HCP+15, KRH18, PQMC17, STS+14, VSS08, WGR+18, ZM17, BCP+10]. Impacts [MZM+08]. Imperfect [BJM07]. Implant [DBGW09, DBW11]. Implantations [BSR+14]. Implementation [BC18a, JPD+18, ME09, NDR06, PD04, WZC+15, WR11]. Implementations [MPG+14]. Implications [BMW06, aKGS11]. Implicit [AG17, BHS12, CGD07, DQ07, Elb98, FGF+05, HQ04, ICS+14, LCS+12, SHS11a, SN10, WFM+05, WWC+14, XZB14, YT02, ZG12, ZCCB13]. Importance [CDBR14, Chr03, KW14, KDM+16, LP15, MDHB+07, PBPP11, RVW08, VKG05, VFGS06, WYM08]. Importance-Driven
Impossible [KW14, VKG05, VFSG06, WYM08].

Improve [HKKS18, SLMA06, VB13]. Improved [EHS13, JPLS16, LY06, MPK+13, PFP+11].

Improvement [HYB+17, SAS16]. Improvements [DRW16]. Improving [DSS+09, HBF08, JDA+11, KFN06, LLD11, LWS+17, LB03, OPH+16, RSS14, SCKR08, VPB+11, WHA07]. Impulse [WGF08].

Impulse-Based [WGF08]. Impulsive [SM04]. In-Depth [KJW+14]. In-Place [PBA10]. In-Progress [SPG14]. In-Situ [WKSS05]. Inbetweening [Yan18].

Inclusion [KBE+18]. Incomplete [KLCO8, LLR18]. Incompressible [BK17, ICS+14, SP06]. Inconsistency [LLC15]. Incorporating [HOG+12, KLC17, MFS+09]. Increased [MPG+14]. Increasing [BE06, SCKR08].

Incremental [DKM06b, KLM04, PSPM15, PML07, SASS16]. Independent [PBA10, SM09, WKME03, Zha14]. Index [Ano97a, Ano98, Ano99, Ano00b, Ano01a, Ano02, Ano03b, Ano04a, Ano09a, Ano09d, Ano10a, Ano10e, Ano11a, Ano11e, Ano12d, Ano12a, Ano12c, Ano13h, Ano13a, Ano14a, Ano14c, Ano15e, Ano15a, Ano16f, Ano16g, Ano16a, Ano17c, Ano17d, Ano18a, CS8+12, Ano13g]. Indexed [ZW18].

Indexed-Points [ZW18]. Indexing [BG04, CBL07, CdOKR09, HK09, SR17]. Indicators [ALBR16]. Indirect [ACTM12, NW10]. Indirectly [RK+16].

Individual [BOP15]. Indoor [PZLZ17, YYT16, ZGM18]. Induced [Hu16b, WTS+07]. Inductively [SRHZ11].

Industrial [AHR+11, GUFM15, HLRS+08, RKG+13, SLMA06]. Industry [KAKC18].

Industry-Scale [KAKC18]. Inertial [GT14, GT17, SJJ+17]. Inference [BK12, GHL18, BDM+17, WCHB10].

Inference-Based [BK12]. Inferred [ZDJ+09]. Inferring [EFN12, VABW09].

Infill [WAWS18]. Infinite [Bai13, MCA+10]. Infinity [RS12].


Information [AJ17, AS05, Ano11i, Ano11l, Bac07, BKDE00, BI12, BDSW13, BEDF16, BBB+12, BE09, CLS+12, CJ10, DBD17, DCCW08, DRRD12, DLR09, ED07, EDF08, EF10, FWR00, GTS10, GTS11, HW12, HA06b, HMM00, HSC08, IC07, IIS14, JH13, JHKH13, 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, SOM+13, SP08, SLQW17, TTR10, TIC09, WZ08, WII+12, XLS10, YaKJ07, ZWA+13, ZCW+14, ZK08, vWN04, GLS17, HSKH07].

Information-Aware [BDSW13]. Information-Theoretic [XLS10, CJ10].

Informational [BW14]. Informative [ZAM11]. Informed [DJ18, FA15]. InfoVis [Ano09e, WCHB10, Ano09d, HFM16, HAS11, KMN04, SW06, WM05, HA17].

InfoVis2009 [CWDH09]. InfoVis2009-1115 [CWDH09].

Infrastructure [BLO+05, KZX+14, PAB+08]. INFUSE [KPB14]. Inhomogeneous [LSS+11, SKL+11]. Initial [BE18].

Initialization [APY+15, SG09]. Initiative [HKR+08, WDC+18]. Injection [MGJH08].

Injector [MGJ+10]. Ink [WW07].

Innovation [Min13]. Inpainting [GGZ+18, HB14, KSY16]. Input [KZL07, XST+18, YEII12, YCHZ12]. Insect [KWDG11]. Insensitive [AFRS05, Wan06].

Insertion [CLCQ12]. Inserts [LSK+18].

Insight [GGZ16, PFG08, SND05, SNLD06]. Insight-Based [PFG08, SND05, SNLD06].

Insights [GGZ16, KBG11]. Inspection [PTM+18]. Inspired [FCSF17, JCRS09, LWC+18, MZH+08, NM13, RD05, SEA09].
TFJ12, ZLDM16, vFWTS08. **Instabilities** [LBM+06]. **Instant** [APV+15, HKL17, KAK+18]. **Instructions** [ZWBH13]. **Integer** [NW11, WJR+13]. **Integral** [CMF+18, FW08, FC95, GKT+08, HGH+10, LS13b, LDN11, LM05, MBH+12, PLK12, SK98, Sim03, TKT09, WH09]. **Integrality** [MCG12]. **Integrals** [WPC+13]. **Integrate** [MDG00]. **Integrated** [GAMD10, MMH+13, RSD+13, SOL+16, Wal12]. **Integrating** [DQ07, DCM13, OSS+17]. **Integration** [CGC+11, CWT+08, CGB+13, FM04, HSW11, YJC+10, KPR+15, KBGE11, SCKR08]. **Integrators** [CAP18]. **Intel** [BWW+12, Wal12]. **Intellectual** [ZCL09]. **Intelligence** [BCB10]. **Intelligent** [DZL+14, FM06, TLM05, YCHZ12]. **Intensity** [IVJ12, SWB+06]. **Intensity-Gradient** [IVJ12]. **Inter** [LSS09, MGM09, NSS14, TIS16, VBC+16, WBA+14]. **Inter-Attribute** [LSS09]. **Inter-Personal** [VBC+16, WBA+14]. **Inter-Process** [MCG12]. **Inter-Reflection** [NSS14, TIS16]. **Interacting** [ADWK+17, BPP+16, DDKA06]. **Interaction** [BAI17, BBG+18, BGR06, CMHL11, DK13, EFN12, FWSL12, FPDH17, Guo09, GGZL16, HKR+08, HEG+17, HSTD18, JD13, JE13, KCPE16, KBPL16, KMLM16, Lam08, LBK+18, LGYG12, LS10, MWC06, MCG12, MJ09, MBZB12, MF11, NW15, PBO+14, PGK16, PmWC05, PSM12, RLM10, Rot13, RBLW07, SZS+17, SBK17, SVB+11, Sim07, SS18, SDMT16, TCM10, TFJ12, WB16, WLJ+12, WB05, YML+17, YaKS07, YSI+10, YEE16, HWA15, JSV+08]. **Interactions** [AL06, BOZ+14, CPW+15, DC17, GABJ07, GBCG+14, HSR18, JYC+10, JWL05, LIRC12, MSW+08, PDF14, RJD+07, SKY12, STM08, VBK17]. **Interactive** [ARB07, AAMH13, AM13, BS+18, BSS+13, BGT12, BCH+13, BE18, BSM+13, BHZ+18, BWW+17, BBP08, BDSS18, BTB10, BJNN98, BW+11, BPS+11, BGM+17, BMW17, BFTW09, BTJ+13, CGS011, CTGH13, CZZh17, CWT+08, CLT+08, CA00, CYB08, CDZ+09, CYW+16, CZZh17b, CMK15, CK05a, CLR13, CFI09, CML+12, CCB+18, CMP14, DANS10, DZA06, DBW11, DB07, FPB17, FBW10, FMH08, FSME14, FH16, FBM16, GFG+14, GXH+13, GWA+09, GLK+13, GLH18, GPK14, HLR+08, HBPJ12, HKBR+14, HB10, HE06, HSK14, HTP+08, HSS16, HFG+12, HQ07, HC+05, HTZ+11, Hub95, IC07, IIS14, JH13, JY09, JFS16, JWS04, JFTW07, JB+09, JST+10, J09, JCG12, JKRY12, JY17, KSH03, K05+08, Kas12, KERC09, KLM+08, KMDH11, KL+09, KZD+10, KSY14, K05+14, KKH02, KZX+14, KMG+06, KBH06, KP14, KGPS13, KBE09, KKKW05, KSW06, KSBE18, KML96]. **Interactive** [KKW+17, LSJ+15, LCM07, LPP+06, LS+13a, LKW04, LBK+18, LDC96, LSR+13, LWZ+18, LGG+18, LY12, LH14, LWD+17, LDM+18, LDR00, LMT+03, LMC02, LLCM12, MB18a, MV06, MKN+07, MAST16, MGPH06, MGJH08, MGK09, MGJ+10, MHI+13, MY+14, MI13, MAKM14, MRG+15, MQF06, MWC+12, MNC14, MHDG11, NKH11, NLKH12, NW10, NT+99, ORR11, OH12, OD+07, OA11, PZ11, PKL+18, PPL+99, PPZ+12, PHE+18, PMCS11, PTMB09, PH08, QYH+18, RE01a, RGK+13, RHY14, RAL+17, RKK16, RGFL14, RBDG15, RJG17, RDB+12, RP12, Rot13, RKG+18, RSM+16, RSR+18, SSRE18, SCC+16, SK16a, SRHH16, SMW17, SS13a, SWC+08, SKYS14, SLB04, STY12, SDW11, SLK+17b, SH12, SLMA06, SPE18, SKL+14, SB17, SW17, SFC+07, SG+11, TKT09, TCYM09, TDT+12, TZC13, TSL17, TWB17, TLLH12, TKB17,
VW12, VJC09, WFKH07. Interactive [WLJ+12, WZQK04, WGS07a, WJ08, WP16a, WM16, WWS+18, WV08, WEE03, WKZL04, WCB+12, WAG06, WFM+06, WDS07, WQ07, WCQ+09, WWL+10, WLS+18, WPSh06, YHW+07, YHJ+17, YDC+14, YYT16, YRWG13, ZK06, ZK07, ZH07, ZZC11, ZCCB12, ZCCB13, ZEC08, ZG06, ZBDS12, vHvdWvW02, vPB011, vFWTS08, WOC09]. Interactively [JHP+14]. Interactivity [ARH+15, BEDF16]. InterAxis [KCPE16]. Intercluster [MQF06]. Interest [AHSS14, HD12, JA18, vHP09]. Interesting [BBH+17]. Interface [AGDJ10, BDS+03, CDZ+09, CML+12, CLEK13, JKM01, KMDH11, KLK+09, KFL+15, LIM+12, LTP+05, MWS14, PFW12, SK16b, SYYC11, WS06a, WM16, WZ14, ZTA12]. Interfaced [MBT+18]. Interfaces [ADP02, BLO+05, CDF09, HF10, LMK07, LPG+18, ORKP18, POD+13, SKK06]. Interferometry [BPS+11]. Interfirm [BCH+13]. Interior [LL14]. Interlayer [GKL+16]. International [Ano12i, Ano14m, Ano14t, Ano16m, Ano16w, Ano18f, Ano18h, GKR14, JSL15, KBSD11, LBKD09, LABS10, Ano13i, Ano13m, Ano17L, GJK15]. Internet [CYP08, CDF+09, HF10, LMK07, LPG+18, ORKP18, POD+13, SKK06]. Interoperability [LKT13]. Interpenetration [ELF13, PB16]. Interpersonal [RJD+07, RKA+13]. Interperspective [MT05]. Interpolant [CM10, HTF97]. Interpolating [HB03]. Interpolation [AE13, BHH04, COJ15, CL09, Cse10, Cse13, GMAD10, HW95, HTZ+11, KCOY03, LWS97, LKC09a, MSA17, ME11a, ME11b, NIZ+17, Nie04, ONL+12, PLK+06, PFC18, SFA+15, SKS12, TC09a, ZC06]. Interpolation-Based [COJ15]. Interpretation [KRH18, MKN+07]. Interpreted [RBGH14]. Interpreting [PGT+08, SDMT16]. Interreflections [SVGR16, XA09]. Interrelation [JH13]. Interrogating [CML+12]. Interruptions [GWP+18]. Intersecting [LGS+14, PHF07]. Intersection [AL11, GD01, HH10, LQLX14]. Intersections [AR17, SOL+13]. Interstitial [GKL+16]. Interval [AWC10, CML+97, FMST96, WD10]. Intervals [WC06]. Interventions [BHH07]. Interview [HHH16, KPHH12]. Intestinal [RGF+04]. Intracranial [JPL+16]. Intrinsic [LBD13, MFZ+17, YXSH13, ZHL+09]. Interfaced [MBT+18]. Interfaces [ADP02, BLO+05, CDF09, HF10, LMK07, LPG+18, ORKP18, POD+13, SKK06]. Interferometry [BPS+11]. Interfirm [BCH+13]. Interior [LL14]. Interlayer [GKL+16]. International [Ano12i, Ano14m, Ano14t, Ano16m, Ano16w, Ano18f, Ano18h, GKR14, JSL15, KBSD11, LBKD09, LABS10, Ano13i, Ano13m, Ano17L, GJK15]. Internet [CYP08, CDF+09, HF10, LMK07, LPG+18, ORKP18, POD+13, SKK06]. Interoperability [LKT13]. Interpenetration [ELF13, PB16]. Interpersonal [RJD+07, RKA+13]. Interperspective [MT05]. Interpolant [CM10, HTF97]. Interpolating [HB03]. Interpolation [AE13, BHH04, COJ15, CL09, Cse10, Cse13, GMAD10, HW95, HTZ+11, KCOY03, LWS97, LKC09a, MSA17, ME11a, ME11b, NIZ+17, Nie04, ONL+12, PLK+06, PFC18, SFA+15, SKS12, TC09a, ZC06]. Interpolation-Based [COJ15]. Interpretation [KRH18, MKN+07]. Interpreted [RBGH14]. Interpreting [PGT+08, SDMT16]. Interreflections [SVGR16, XA09]. Interrelation [JH13]. Interrogating [CML+12]. Interruptions [GWP+18]. Intersecting [LGS+14, PHF07]. Intersection [AL11, GD01, HH10, LQLX14]. Intersections [AR17, SOL+13]. Interstitial [GKL+16]. Interval [AWC10, CML+97, FMST96, WD10]. Intervals [WC06]. Interventions [BHH07]. Interview [HHH16, KPHH12]. Intestinal [RGF+04]. Intracranial [JPL+16]. Intrinsic [LBD13, MFZ+17, YXSH13, ZHL+09]. Introducing [DS17a, DS18]. Introduction [AD12, Ano12g, BvdP12, BDC17, BHTY15, BGK11, BKL18, CCH14, CLS07, CW11, DFQ12, DW17, Ebe00, Ebe07, Ert10c, Ert11a, FBO17, GKR14, GJK15, GW13, GMM05, HK10, HVY16, HKQ13, HP04, HLM10, ILMH12, Joy02, JLS15, KMN04, KS14a, KKL11, KBSD11, KPGL12, KL14b, LS06, LSCN09, Lin15, LST+16, LBKD09, LABS10, MH10, MY14, MW13, Msi03, MYM08, Nie95, Nie96, NSvW11, OO15, OA11, Ota17, PZ12, Pur09, Qin09, Rus99, RvWT05, SK16a, SK15, SSL08, SL11, SW17, TL11, Var01, VW12, WLW17, WM05, vWM+04, vW11]. Intuitive [JFY16, LH03, SJM14]. Invariance [LJWF12]. Invariant [GST+16, RYKL13, TKW08, YSS+12]. Invariants [BHSH15, RC06, SHM+07, WH09]. Inverse [BKA+11, CLEK13, HS+17, YKL+08, ZDZ18]. Inverted [TLT+10]. Investigating [BRH+17, HJC14, KD+12, LD11b, TJW+17]. Investigation [FFB18, JH16, SCKR08]. Investigations [KHS04, PMCS11]. Investigative [BISM14, aKGS11, cKJG+12]. Inviscid [VHLL14]. Involvement [MPG+14]. Ion [BvL06, GKL+16]. IPD [LHH16]. IPSep [DKM06b]. IPSep-CoLa [DKM06b]. IRIS [HGH+10]. Iron [FGH+09]. Irradiance
[DF96]. Irregular [BG04, Bon98, HCP +16, SSS06, SM97, VP04a, WHL16]. Irregularly [ZG12]. ISA [LvWJH04]. ISMAR [KHSB11, LBKD09, LABS10, Ano15h, Ano15j, Ano15k, BS18, BRS18].

Isocontour [Lin16b]. Isocontours [CPC09, PH11]. Isocube [WWL07]. Isodiamond [WD10]. Isogeometric [FH16, SF14]. Isometric [JSB +18, PTC10]. Isoparametric [Elb95]. Isosurface [Ano96b, AE13, ASE16, BB09, BWC04, CBB06, CMM +97, DCM13, ESN +12, GU00, HL09, I95, IYK01, LBS14, LSJ96, MCK12, MKW07, NN11a, NN11b, NK06, SSD +08, SF14, SJ06, SH00b, WFM +05, WFKH07, WJ08, WC09, WC10, WCJ06, ZK06]. Isosurfaces [GSDJ04, KW10, SSS06, SEH08, WD10, WPSH06, YWW14]. Isosurfaceing [LB03].


ITK [BWV +07]. iTTVis [WLS +18]. iView [ZAM11]. iVisDesigner [RHY14].


JiTTree [LBG +16]. John [Ano13d].


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, HUPS14, RSR +18]. Keshif [YEB18]. 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 [BDF16].

Kilo-Hertz [BDF16]. Kinect [LZLS16].

Kinect [IFM14]. Kinects [TZL +12].

Kinematic [COMP13]. Kinetic [LSM03].

KL [Rob98]. Knitwear [CLZ +03, GRS95].

Knot [CLCQ12, HHQH17, ZWJZ12].

KnotPad [ZWJZ12]. Knots [GKH07].

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, LSC08]. Labels [IYS13, TLH10].

Lagradian [BTT09, GHP +16, HOJ13, JEHO2, SP07, SWTH07, SXM17, SFB +12, Wu16, YNBH11].

Lake [UDSL18]. Lambertian [MBT +18].

Lamps [RKK16]. Landing [GS16].

Landmarks [Hu16a]. Landscape
SRCP03, SJH07, SKL14, SPW07, SNN14, VBL8, WGS07a, WOO17, WD09, WTB10b, XESV97, Zhu05, ZBDS12. **Level-of-Detail** [HSH10, MB01, WGS07a, Zhu05, ZBDS12].

**Level-of-Detail-Based** [XESV97].

**Level-Set** [GBG15, BW01]. **Levels** [AWHS16, BBG+18]. **Leveraging** [ADG11, RKA+13]. **Lexicon** [PKL+18]. **Library** [RLA+13]. **LIC** [HA04].

**LiDAR** [WX17]. **LiDAR** [ARRC11].

**Light** [BB09, BKA+11, DK13, GYK+16, Hau97, IK15, IAIK16, IHS17, KKSE17, LDSM17, LPG15, MYM16, MTB18, SFC+07, TAL+07, WLL+05, WSY07, WH17, WC13, XA10, YHLJ08, ZW07]. **Light-Field** [HFM16]. **Lighting** [HFM16]. **Lighting** [WL13]. **Light** [HTL13]. **Light** [KL15].

**LightJoints** [TAL15]. **Lighting** [GB15]. **Light** [KFL+14]. **Light** [KPH+17]. **Light** [TS16]. **Light** [VARS14]. **Light** [Zho16].

**Limited** [SHS18]. **Limits** [RKB16]. **Line** [BDM+17]. **Linguistic** [SS16]. **Link** [JHR14, NWB14, SSKB14, TNB11].

**Linked** [CVW11, FG09, JDL09]. **Linking** [HTL13, KPV+18]. **Links** [SWS+11]. **Liquid** [CM14, CMK15, Dic14, GLX17, JKM06, MLMF12, MJK06, SPCJL06].

**Liquids** [LIGF06]. **List** [Ano00a, Ano01b, Ano03a, Ano04b, Ano05e, Ano06, Ano07, Ano08a, Ano09c, Ano10b, Ano11b, Ano12b, Ano13b, Ano15b, Ano17a, Ano17b, Ano14b]. **Listener** [MAK14, MDHB+07]. **Listener-based** [MDHB+07]. **Listening** [BSSB10]. **Lists** [HBW14, IK95]. **Lite** [SMWH17]. **Literacy** [BRBF14, LKK17, RM15]. **Literary** [HFM16]. **Literature** [BKW16, FHKM17, SZe+17]. **LiteVis** [SOL+16].

**Liu** [Ano13f]. **Live** [HB13, LMD12, MNZ+15, MFZ+17, TKT09]. **LiveGantt** [JHP+14]. **Liver** [HCP+15]. **Lives** [BSSB10, TKE16]. **LiveSync** [KBKG07].

**Locomotion** [JL18]. **Load** [NL12, NLS11, SBS16, ZG+18]. **Load-Balanced** [NLS11]. **Local** [CRT04, DK13, DMC+12, DVC+18, EBB+15, HLY10, JWSK07, JCC+11, KV03, KO12, LK14, LS13b, LW+16, LLL+10, LZS16, LLY06, LKM+16, MYM16, SFC+07, XMRC17, YCLJ12, YC14, YNM15, ZZG+12, YLB16]. **Locality** [JL18].

**Locality** [JL18]. **Locality** [MR18]. **Locality** [SWS18]. **Locality** [SS16]. **Locality** [MR18].

**Locality-based** [TM10]. **Localization** [APV+15, LDI1a, VARS14, Zho16]. **Localized** [APS+14, WGS07b, YBZ14]. **Locally** [Gue99, MB18b, RLLN11]. **Locally-Ordered** [MB18b]. **Locate** [VP09]. **Located** [IFP+12, IC07, LHD18, TIC09].

**Location** [EPS+15, GJ10, GJC+17, PBB+12]. **Locations** [LWL+17]. **Locomotion** [GPK14, KFL+15, MK13a, NSN14, OBKP18, PFW12]. **Locomotive** [ANR+18]. **Locus**
[AZC+12, CS18, CC08, CKLL09, DSC+08, DSS+09, FYP10, GABJ08, Gué01, GSPJ08, KSH03, KLO3, KLO7, LHH+12, LRN96, LH03, LG15, LLLT04, LLWW13, LXB17, LSY+18, LY06, LWJH08, LDC16, LGLR14, MZ15, ME11b, NHWW16, OMD+12, PA06, PGL+12, PTC10, SRML07, TC09a, TDR10, WZW+05, Wan08, WTW+08, Wan11, WZC+15, WYP+15, YRP18, YSZ04, YYSZ06, YL06, ZTP05, ZPS04, ZZC11, ZZZ+15, ZWZD15, ZFAT11, ZTA12, ZZBW08]. **Mesh-Driven** [PGL+12]. **Mesh-Free** [OMD+12]. **Mesh-Guided** [GSPJ08].

**Meshes**

[AGL06, AFRS05, ATLF06, Bon98, CMRS03, CDM+04, CHM11, CCS12, GHJ+98, GWB02, HHQH17, KTCG17, LKT13, MW99, MKW07, MEB+14, MCA+10, PR00a, PS12, PCG15, RSOW18, Ros99, SG05, SZ11, SCYW16, TCI+13, TNB11, THJ09, USM97, VP04a, VP04b, VCP08, VS11, VCL+07, Wan06, XWL+15, YPI13, YT02, YSS+12, eYL07, ZC06, Zhn05, TGSP09, PR00b].

**Meshing** [BLW14, GCZL14, LLW15, MKW+08, PD04, YWW14]. **Meshless** [BNPB13a, GLB+06, PPL+10].

**Meshsweeper** [Gué01].

**Mesostructures** [MNC14].

**Message**

[Ano13n, Ano13o, Ano14n, Ano14o, Ano15i, Ano15j, Ano15l, Ano15n, Ano16b, Ano16p, BS18, BRS18, CFK12, CLS13b, CKSB14, De 15d, DS16a, DS17b, De 18a, DLM+12, Ert07a, Ert10d, De 16a, Flo17, IKLW14, Lin11d, Lin11e, Lin12c, Lin12a, Lin13c, Lin14d, vHMM+11].

**Messages** [BTH+13].

**Meta** [ZGB+17].

**Meta-Analysis** [ZGB+17].

**Metadata** [IHK+17].

**Metal**

[AHR+11, DBTH07, GBM+12].

**Metal-Artifact** [AHR+11].

**Metamorphosis**

[BW01, LWCS96, LH03, LL05].

**Metaphor** [AABS+14, KISE14, SGAS16, WBP07].

**Metaphors** [CVC+12, MF11, ZK08].

**MetaTracts** [BWW+17].

**Method**

[AEM09, AWB11, BBBM18, BGB15, BTB10, CB15, Drnu08, FYZ+17, FA15, HK05, IDAK15, KOF08, LLL06, LLLF08, LSY+18, MWCE09, ORC07, RK+13, Taz02, TS08, VS11, WH09, WHK15, WLMK04, WMK13, XTY+11, YSS+12, YLY+12, Zay06, ZCL08, JQD+08].

**Methodological** [DBD18].

**Methodology** [AABW12, RHR16, SND05, SMM12, VJN+15].

**Methods**

[AL06, AJDL08, AMM+08, AHH+14, BS08, BNTM16, BN12, CA00, CWQ+07, CMK15, CF10, CHM11, DLW+17, DSC+08, DLR09, EMdSP+15, FCL09, GIMS18, HG01, KMLM16, LKJ+05, LH11, LXL+18, LD11b, SZB+09, SBM+06, SO17, TAE+11, TWHS05, VF13, WHZ+18, ZK12, HSKH07].

**Metric** [CZN+11, GSZ+13, LHX+10, LMZ+14, MK13b, OJ12, PZLZ17, VCP08, WGS07a, WOO17, YYSZ06, CS18].

**Metric-Dependent** [VCP08].

**Metric-Driven** [LJX+10].

**Metrics**

[DK10, GO15, GGZL16, JJ09, MDHB+07, NHEM17, Vas16].

**Metro**

[NW11, SRMOW11, WC11, WP16a].

**Metrology** [HKG07].

**Metropolis** [ZYM+14].

**MGV** [AK02].

**MIC**

[Wal12, BWW+12].

**Micro** [ZHLR14].

**Microblog** [BTH+13, LLZ+16].

**Microfacets** [MBT+18].

**Micrographs** [DBTH07].

**Microscopy** [BKA+11, HBJP12, MCS+08, dLVl06, WOCH09].

**Microseconds** [LBS+16].

**Microstructure** [BZGV14].

**Microvascular** [MAK08].

**Midair** [HQS18].

**Middleware** [BFE15].

**Migration** [KSG+16].

**Millennium** [FSW09].

**Minerals** [GFG+14].

**Minimal**

[HYB+17, LBS+16, PSF09].

**Minimally** [ES01].

**Minimization**

[RB07, SSW18, WLT08].

**Minimize** [LT18].

**Minimizing** [OKSK16, YYSZ06].

**Minimum** [KMH11, VC17].

**Mining**

[BISM14, GWP+16, Kei02, KS02, MOC+14, dOL03].

**MIP** [EWWL98].

**MIP-Map**
Monitoring [BTH+13, CLZ+18, MKN+07].
Monocular [HDBC15, VARS14, ZHQ+07].
Morphable [CLC+15]. Morphing [CE01, RM15, SLGM09, WLL+05]. Morse [CML+07, CMLZ08, CDS+12, GNP+07, GBHP08, GBB+12, GGL+14b, LTM04, SMN12, SZ12, Szy13, SS13b].
Mosaic [HCP+16]. Motifs [MRSS+13].
Motion [AW03, BWK+13, BT14, BSML12, CK16, CL10, CBL07, FXG12, GXW+18, HOT98, HCMTH15, HZM13, JER16, KERC09, KCP08, LPG+18, LMD12, LZD13, LIC16, LYG12, LPL11, LBS+16, LC10, LSM03, LXY18, LJJ+18, LKM+18, MCP+06, MK13a, PLW12, RK17, SKK+14, SLG+17, SJ11, SBE+15, TAL+07, WHK15, WLT+18, WSTH07, XLC+18, YNO3, YAE07, ZJH+11].
Motion-Blur [PLW12]. Motion-Sensitive [SZ11]. MotionExplorer [BWK+13].
MotionFlow [JER16]. Motions [ASwP14, BV06, HK09, HK16, yKH12, TH13, TMM+13, XAI0]. Motivated [JKM06].
Mountains [CCB+18]. Mounted [CDK+17, GIMS18, HHH+18, HRIS15, IK15, IAD1K, IAIK16, KBB+12, KRA16, LCR16, LH16, LHC10, MIO+15, doJBNM17, OTKS15, PIN+15, PG1+17, SBK+11, XST+18]. Mouse [LIRC12, RHR+09].
Movement [ARH+15, AA11, AABW12, AAH+13, AAB+13, AAFW17, BPS+16, CZW+16, DNN13, KTE15, SPM17, SJL+18b].
Movements [AdLH13, P207, ySSK07].
Moves [SVS18, ZWJ12]. MovExp [PBO+14]. Movie [BJEYLW01, LLKN17].
Moving [KGS98, LG12, MCM14, MEB+14, PLK12, SP96, WBD14].
MPI [CGC+11, GPC+17]. MPI-Hybrid [CGC+11].
MPML3D [PUN11]. MR [LBS3, MNKT01, ZDL03]. MR360 [RPAC17].
[MPI+13, JFTW07, KGP+13, KGG+12, MN07, STH07, STS10, vPBB+10, vPBB+11].
MRTouch [XST+18]. Multi [APW16, BSM06, BJM07, BBP08, BLO7, BM13, BDW+08, CL116, CWW+07, CCM+14, CL18, CPG09, DVT07, DDD14, EBB+15, FT107, GGL+13, HA06a, HKG07, HBC12, HZM13, IWR+18, KGP+17, LLKR08, Lin+16b, LPQ14, LD11a, LPK+16, LRF+11, MS18a, MS18b, MDS16, MSH+18, ME11b, NSW+17, PSTW+17, PLS+14, PTMB09, PHF07, BPB+12, PBC17, RLM10, SLGM09, SLJ18, SMH14, SLS+17, SJH+07, SGAS16, TAK+05, TIK15, TOS8, VBK17, W114, WSW16, WLSL17, WCC+18, WAG+12, WS06b, WXC+08, WCS+18, YML+17, YXG+10, ZFL17, ZWC+18, WOCH09, WBD14].
Multi-[HBC12]. Multi-Attribute [GLG+13, SGAS16, WCC+18].
multi-channel [WOCH09, WBD14]. Multi-Character [VKB17]. Multi-Charts [DDW14]. Multi-class [CCM+14].
Multi-Criteria [HZE13, PSTW+17]. Multi-D.O.F. [TA+10].
Multi-Depth-Map [APW16].
Multi-Destination [ZFL17].
Multi-Dimensional [WXG+08, ZWC+18, LLK+08, LPK+16].
Multi-field [LLK+08, 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, KGP+17, ME11b, SJH+07].
Multi-Material [HKG07].
Multi-Modal [MDS16, SLJ18].
Multi-parameter [NSW+17].
Multi-Pipeline [MIS+18].
Multi-Projection [SLS+17, TIK15].
Multi-Projector [BSM06, BJM07, DVT07, SLGM09].
Multi-Relational [PLS+14].
Multi-Relaxation [LPQ14].
Multi-Resolution [CWK+07, IWR+18, PHT07, SKMH14, WLSL17]. Multi-Run [Lin16b]. Multi-Scale [BL07, CLW18, CPG09, EBB+15, HA06a]. Multi-Server [Wah14]. Multi-Stage [WCS+18]. Multi-Threading [PTMB09]. Multi-Timepoint [BBP08]. Multi-Touch [LRF+11]. Multi-Triangulation [MS18b]. Multi-User [PBK+12, PBC17, RLM10]. Multi-View [MS18a]. Multibody [XZB14]. Multichannel [MNKT01, tCMR07, tCMR08]. Multicharacter [YLL+12]. Multiclass [GCNF13, RAL+17]. Multicomputers [LRN96]. Multicore [CGC+11, WJ08]. Multicriteria [SRMOW11]. Multidigraphs [AK02]. Multidimensional [CGSQ11, CZC+15, DBD18, EDF08]. EMISP+15, GKM13, JCC+11, KKH12, LM+11, LMP+14, LPS+10, MMDP10, PNML08, SW13, STH02, VMCJ10, WZK12, WFW+17, Wea10, ZKK02]. Multidomain [KJ12, NK06, YXG+13]. Multifaceted [CSL+10, KH13]. Multifield [BRT12, BBS+08, DCK+12, JWSK07, NN11a, NN11b, STH02, WK17]. Multifield-Graphs [STS06]. Multifocal [BE06]. Multiform [FWSL12, JE13]. Multiform [LS+11]. Multifragmen [VF13, WX13]. Multigrid [CMF12, DGW11, DRW16]. Multilayer [ZPS04]. Multilevel [AMA07, CK11, IM09, IVJ12, LWS97, MNS18, YS03]. Multilinear [WL16]. Multimaterial [BLW14, MKW+08]. Multimodal [BHMB07, BBB+12, FWL17, GKM+13, HBG11, RHR+09, SIS18]. Multiperspective [CRPH10, WP16b]. Multiphase [MEB+14, Wu16]. Multiplanar [HN13]. Multiple [AWHS16, AT16, BMB08, BMR01, BBG+18, BLSL17, BMST97, BNTM16, DZMQ16, GNCM+16, GST16, GKM17, GL+14a, JME10, KRC09, KPB13]. KGS89, KKB11, LBD13, LMK07, LD11b, MGJ+10, MAF11, MTB17, MTB18, PBPP11, PLW11, QH18, RSD+13, SM09, SGQ16, SGM08, SLG+17, SKY12, XLC+18]. Multiresolution [AWHS16, AT16, BMGK08, BMR01, BBG+18, BLSL17, BMST97, BNTM16, DZMQ16, GNCM+16, GST16, GKM17, GL+14a, JME10, KRC09, KPB13]. KGS89, KKB11, LBD13, LMK07, LD11b, MGJ+10, MAF11, MTB17, MTB18, PBPP11, PLW11, QH18, RSD+13, SM09, SGQ16, SGM08, SLG+17, SKY12, XLC+18]. Multiresolution [AB06, CL06, GLR13, Guo95, LHLW10, MMP09, MDS+18, Mur95, RVWT08, STH0+12, STH03, SGM+11, TN14, WS09]. Multisensor [KJH+18, PvWC05]. Multiscale [AB01, BRSP18, BGM04, Bon98, CYB08, CL09, CMPS97, CRY+06, DL03, HG01, NW10, OR98, OR99, PD04, SPM+13, SLNB11, SG05, SGM+11, VP04a, WS06a, WD10]. Multiscale [AB01, BRSP18, BGM04, Bon98, CYB08, CL09, CMPS97, CRY+06, 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, STH0+12, STH03, SGM+11, TN14, WS09]. Multisensor [KJH+18, PvWC05]. Multiscale [AB01, BRSP18, BGM04, Bon98, CYB08, CL09, CMPS97, CRY+06, 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, STH0+12, STH03, SGM+11, TN14, WS09]. Multisensor [KJH+18, PvWC05]. Multiscale [AB01, BRSP18, BGM04, Bon98, CYB08, CL09, CMPS97, CRY+06, DL03, HG01, NW10, OR98, OR99, PD04, SPM+13, SLNB11, SG05, SGM+11, VP04a, WS06a, WD10]. Multiscale [AB01, BRSP18, BGM04, Bon98, CYB08, CL09, CMPS97, CRY+06, DL03, HG01, NW10, OR98, OR99, PD04, SPM+13, SLNB11, SG05, SGM+11, VP04a, WS06a, WD10].
[MTB17]. Non-Premixed [YL18].
Non-Rigid
[GXW+18a, GXW+18b, NWI17, SLS+17].
Non-Skinned [ZBO13]. Non-Spatial
[MMH+13, OSS+17]. Non-Visual
[AERA14]. Nonlinear
[AB01, BN12, Del08, HSK17, KBI+18, KKW+17, RW18, SVAC12, SKMR98].
Nonmanifold [BHS12, HG01].
Nonnegative [CLRP13]. Nonparametric
[AHE16]. Nonphotorealistic
[HCS+07, RE01b]. Nonplanar [IYS13].
Nonregular [WPZ15]. Nonsmooth
[BBK07, HQ12, TCL+13]. Nonuniform
[WB05]. Nonuniform [PRA+10].
Nonuniformity [MS04]. Noodles
[SZD+10]. Normal
[AWHS16, GGP17, IWR+18, JWC05, SJJ14, WYP+15, YRP18, YPI13, ZFAT11].
Normalization [BHSH15]. Normally
[SKS12]. Not-so-Staggering [CDF14].
Note
[Ano05a, Ano05b, De 15c, De 15b, De 15a, De 16b, De 17b, De 18c, 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 [NWWHD16].
Notifications [GWP+18]. NotifiVR
[GWP+18]. Novel
[ARRC11, AS98, CDZ+09, CVC+12, DSF+14, INCB18, JAAL18, JSV+08, KHA12, LHC10, NZ06, OH06, PM08, RGK+13, TCM10, WSM+09, ZBZ+13].
Novice [LK1+16]. Novices
[GTS10, GTS11, KPR+14, YEB18]. NPR
[LCC+17]. NPU [PMD+07]. NPU-Based
[PMD+07]. Numerical
[BDJ14, KWDG11, OKSK16]. Numerical
[GBP+13, SZD+10, ZMZM15]. NURBS
[SF14, KKM+09, KML96, QT96].
NURBS-Based [SF14].
O [QK04]. O-Buffer [QK04]. Obesity
[JAM+14]. Object
[DZL+14, FG99, FST+14, KPBL16, KYT+18, LLY+13, LvL12, LSH07, LXT18, ORC07, PGS04, PLW11, QCH+14, SLJ+18a, SPP+14, SIF95, ZK17]. Object-Preserving
[LLY+13]. Object-Space [PSP04].
Objective [GO15, LG17]. Objects
[DGW11, DDKA06, EGS03, KTWW13, KDM+16, LAM10, LKC09b, LZW+13, NDS10, PK08, RNK+15, SS199, SPM+13, SH12, SK99, SLMA06, WB05, YHJ+17, YS03, YFM01, ZTP05, ZCJH12, ZWC+16, ZT99, ZCFG15]. OBL [Ros11]. Obliq
[NB95]. Oblivious
[GSCO07]. obscuring [LSC08]. Observable
[MOC+14]. Observation [KCP16].
Observation-Level [KCP16].
Observational [XYG+10]. Obtuse [YW16].
Occluded [SMHC99]. Occlusion
[CM09, ET08, HDB15, HLY10, IHS17, LGV+16, PMP10, SMG+13, SVGR16, SG99, TYSN06, TCM06, TLS17]. Occlusion-Free
[TYSN06, LGV+16]. Occlusions
[CRPH10, JNC+15]. occurrence
[WXZ+16]. Occurs [KHS14]. Ocean
[HMZ+14, KSSD14, WPS+16]. Octree
[LCR13, SJ06, WC09, WC10, WSC95, YS03, WSC+95]. Octree-R [WSC+95]. Octrees
[LK11, ZGHG11]. Odor [MY13].
Off [ALBR16, JK16, PVF13]. Officers
[GS16]. OLAB [LGBV13]. Older [JBS+18].
Olfactory [MY13]. Omnidirectional
[KN17]. Omnistereo [TT05].
On-Demand [VHBS16]. On-Site
[RNK+15]. On-the-Fly [ZD18].
Oncological [SLK+17]. Online
[CSC+16, CCL+16, FT08, KCH11, KKL+16, LG12, LYW+16]. OnSet [SMD14]. onto
[FST+14, NWI17, SS199]. Opacity
[MDM10]. Opaque [MBT+18]. Open
[BBB15, BSG18, CCL+16, EOB+08, SK13,
Pace [vdCvW14]. Pacific
[BHTY15, CCH14, DFQ12, HKQ13, LST+16, NSvW11, HYvP16]. PacificVis
[BKL18, DW17]. Packet [BWW+12].
Packet-Ray [BWW+12]. Packing
[LYK04, KW06, KXW+18, YLG+14]. Page
[Ano12p, OAH14, Ano11i, Ano14j]. Pages
[Ano86d]. Paint [Ger17]. Painter
[YCLL08]. Painter [Ger17]. Painterly
[CL06, OH12]. Painting
[Ano14h, Bro07, DKMI13, DiV15, Ger17, KBD+11, KLYE13, KWL14, KISE14, LCC+17, WWYS04, YLK12]. Paired
[Ano16q, Ano16u, Ano17m, Ano18i, CKSB14, IIS+17, MFS+09, ZCL09, LLLN+14, Ano13o, CFK12, CLS13b, DLM+12, vHMM+11].
Paper-Reference [ZCL09]. Papers
[Ano16r, Ano17n, Ano18f, Ano18g, CR08, EF08, WBDS11]. Paradigm
[DVD07, RLM10, SKBE17]. Paradox
[AH14]. Paraglide [BWM+13]. Parallax
[BC18a, LXRY18, MSA+11, PKS+08]. Parallax-Free [MSA+11]. Parallax360
[LXRY18]. Parallel
[AD12, BGM+07, BGM+08, BSO+12, BBP08, BVB+11, CL18, CW11, DK10, DK11a, EMP09, ED06, FP+08, GH00, Gor02, GXY12, HKC+12, HW09, HSH10, IBJ+14, JFTW07, JF16, JCWD14, KCS+16, KBBH06, Lac96, LLB+12, LT11, LDC96, LTP+05, MB18b, MAW11, MGM09, MFS+09, NR18, NC07, NLS11, NH06, PZ12, REB+16, SMN12, SKLU+11, VP09, VMJC10, VHBS16, WZC+15, WLSL17, YXH13, YXM+15, YGX+09, ZW+13, ZGH+18, ZJX+15, ZGHG11, ZW18, tCMR07].
Parallel-Hardware [JFTW07]. Parallelism
[CGL+11, GPC+17, HBC12, SSIF09]. Parallelized [MS08]. Parameter
[AAM+12, BSM+13, BVP+HR09, BM10, MHG10, PBCR11, SBB+14, TWSM+11, WLSL17, NSW+17]. Parameterization
[BF01, GLB+06, HAT+00, KWZ12, MGL07, NZS+17, NFPZ12, PTC10, WPZ+11, YYSZ06, YKL+08, ZGH11]. Parameterizations [HFL18, SAS05]. Parameterized [VABW09]. Parameters
[BTJ+13, EASS+18, JBS+18, KBD+11, LSH07, TKTN09, YL16, nGAB16]. Parametric
[ADDG12, CTT+16, DQ07, Elb98, FGB+05, IDAK15, MWCE09, JQD+08]. Parametrization [AG17]. Parcels
[VABW09]. Pareto [HHG14, MLMP18]. Pareto-Optimal [MLMP18]. Parametrics
[DK10]. Parity [JCDW14]. Part
[Hu16b, MBH+12, VB13]. Part-Level
[Hu16b]. Partial [HQ12, TWS016, Wan11]. Partially [KLC08]. Participating
[WH18, ZC03]. Participation
[Ano08c, Ano12a]. Participatory [VWF09]. Particle
[BGB15, BC12, COJ15, CMK15, EGS03, GIK+07, GKM+15, HL02, HWI95, Har16, IWR+18, KL96, KKKW05, LSY+18, LLRR08, LTWF08, LSC08, MSW+08, MNK07, MKW+08, NBJ07, RGC+14, SYM14, SM17, SFBP09, ST08, WSTH07, YEH16, ZGH+18, ZD18, vPQvdW10]. Particle-Based
[COJ15, GIK+07, GKM+15, NBJ07, LSC08, MKW+08]. Particle-Particle
[STM08]. Particle/Flow
[STM08]. Particle/Volume
[STM14, SM17]. Particles
[ATT12, GT14, KSW09, MKW07, ySKK07, YS03]. Partition
[CLG+17, MP13, ZK14a]. Partition-Based
[MP13]. Partitioned
[FWT+04]. Partitioning
[AT16, BSM+13, MW99, SN07, TDR10, WQZ+18]. Parts
[AAG18, XYS+16]. Partwise
[WPZ+11]. Pass
[ASDW14, BTHD11, MPT03, WX13].

Patch-Based [GGZ+18, LSS+15, XLND11, ZWS+17].

Patches [Gor02, HTF97]. Patent [KBGE11]. Patents [FHKM17]. Path [AMA11, BMWW18, HWI95, HHCL01, HL09, KM16, SAC+08, THWS05, WBK+08, WG16, ZLB+05]. Path-Preserving [AMA11, HL09]. Pathline [COJ15].


Perception-Based [CWM+09a, EMdSP+15, MRT00]. Perception-Driven [WFC+18, ZNZX16]. Perception-True [HV13]. Perceptions [RGJL14, RCL+15]. Perceptual [AL06, ACS+18, BSG18, BAW16, DBH14, HBW06, KCC14, KHA10, LKR+18, MPW17, PGRS13, STPV12, SBE+15, SBW17, WB08, YN06, ZK10, vHR08]. Perceptual-Statistics [STPV12].

Perceptually [BTM14, GH00, LSS13, NSN14, QM08, ZWM13]. Perceptually-Based [ZWM13]. Perceptually-Driven [GH00].

Performance [ADDG12, BAP+17, BBG+18, BC18a, BTB10, CTGH13, DK11b, GJJ+18, HBT14, KGAM18, KLL12, LBL+12, MZC+16, PBO+14, RAL+17, SSMG13, TKAM06, WXY17, XMR017, vdcCvW14, GSL14].

Performing [KKM+09]. Perfusion [ODH+07, POM+09, TBB+08].


Personality [Per95, SPW07, ZKM18, ZOC+13].

Personalization [WGR+18]. Personalized [CTM+13]. Personified [TMM+13].
Perspective [BHST17, DHM13a, HCS\textsuperscript{+}07, LS10, SH00a, SBK\textsuperscript{+}11, WB08, WCA\textsuperscript{+}17].

Perspectively [HN13]. Persuading [KV08]. Persuasive [PMN\textsuperscript{+}14].

Perturbation [CA00]. Perturbations [CRB\textsuperscript{+}05]. Pervasive [GLZR17]. PET [RHR\textsuperscript{+}09]. PET/CT [RHR\textsuperscript{+}09]. Petascale [HBJP12]. PETMiner [HEFR18].

Petrophysical [HBJP12]. Physically-Based [MOF\textsuperscript{09}, MOF\textsuperscript{10}].

Physiology [RD05, XSZ\textsuperscript{+}17]. Pick [WVFH12]. Pictorial [Chi16]. Picture [PTM\textsuperscript{+}18, WLL\textsuperscript{+}16]. Pie [GPL\textsuperscript{+}13].

PieceStack [WWS\textsuperscript{+}16]. Piecewise [HTF97, LVRL06, SM11, SZ12, XJF\textsuperscript{+}08, ZWZD15]. Piercings [SZHR11]. Pinhole [PRA\textsuperscript{+}10]. Pipeline [BGM\textsuperscript{+}07, BGM\textsuperscript{+}08, CQC\textsuperscript{+}08, GW06, HQK06, LCP\textsuperscript{+}13, LZH\textsuperscript{+}13, LW06\textsuperscript{+}, MiS\textsuperscript{+}18, SwV98, vLFR17].

Pipelines [DWBR06, KZ\textsuperscript{+}14, Koo08, Mor13]. Pitch [SJJ\textsuperscript{+}18b]. Pituitary [NWF\textsuperscript{+}05]. Pivoting [BMR\textsuperscript{+}99]. PivotPaths [DRRD12]. PIWI [YLZ\textsuperscript{+}13]. Pixel [FH16, Kei00, KHD02, MDM01, PSK06, WHL16, BPC\textsuperscript{+}10].

Pixel-Accurate [FH16]. pixel-based [BPC\textsuperscript{+}10]. Pixel-Oriented [Kei00]. Pixels [KIS17, XD1N11]. PixMix [HB14]. Place [AAM\textsuperscript{+}12, Nie95, NSN14, PBA10].

Placegram [JhR10]. Placement [BMW17, CCK07, GWFI14, LAM10, LMG06, OJ15, PSK06, PM08, RK17, WBK08, WLZM10, ZWZ\textsuperscript{+}13].

Placements [HK16]. Placenta [MMK\textsuperscript{+}17]. Placental [MMK\textsuperscript{+}17]. Places [AAH\textsuperscript{+}13, CDW\textsuperscript{+}16]. Planar [BJM07, KBH\textsuperscript{+}10, KBH13, LLW15, LYY\textsuperscript{+}16b, MK16, MTB17, MTB18, WGC\textsuperscript{+}08, WS01, ZWC\textsuperscript{+}16, ZCFL15].


Planetary [BAB\textsuperscript{+}18, HDJ05, KJL\textsuperscript{+}09, MKHD05].

Planetary-Scale [KJL\textsuperscript{+}09]. Planning [BHWB07, DGBW09, DBW11, HK16, INCB18, KKM01, KSI\textsuperscript{+}96, LAM10, LRF\textsuperscript{+}11, MKN\textsuperscript{+}07, MTRP10, OSS\textsuperscript{+}17, SLK\textsuperscript{+}17a, SAC\textsuperscript{+}08, WHK15, JSV\textsuperscript{+}08].

Plans [SST\textsuperscript{+}17]. Plant [LZH\textsuperscript{+}13]. Plasma [RGC\textsuperscript{+}14]. Plasma-Based [RGC\textsuperscript{+}14].
Plausibility [ASMP17, BAP+17, SNB+17, HWA15].
Play [BBC15, KBS13, ZKM18].
PlenoPatch [ZWS+17]. Plenoptic [ZWS+17]. Plot
[FHSW13, IML13, WHZ+18]. Plots
[ASW12, ED06, FKL10, FBW16, HV13, HTE11, JFSK16, JM10, LT10, MG13, REB+16, RW18, RSS14, WLSL17, WH11].
Plotting [DWA10, TFO09]. Podium
[WDC+18]. Poem [MLCM16]. Poemage
[LLF18]. Poisson
[LLF08]. Poisson-Disk
[DRW16, LLLF08, LH13, YXHS13]. Point-Based
[GR04, HLM10, HPJG08, LI06, Lin14f, LDX10, LPG12, LZH+13, LDW+15, LWC+18, Mal05, MSA+05, MOG11, OHJ+11, OHWS13, PSG04, PSKN06, PM08, RGFL14, RL08, SHS11b, SBR+16, TCL+13, WLSW08, WSS09, WH18, WAG06, WG16, YG+09, ZG12, ZW18, vdEHBI16]. Poisson
[GR04, HLM10, LPG12, SHS11b, WSS09, WH18, ZG06, RL08, ZK06]. Point-Cloud
[APS+14]. Point-Cloud-Based
[LX10]. point-feature
[LSC08]. Point-to-Polygonal-Mesh
[Gué01]. Pointing [FKS16]. Points
[BF01, CTT+16, HGWW18, KV03, LBH18, RK+11, Ste98, TSW+07, YGX+09, ZG12, ZW18, vdEHBI16]. Poisson
[DRW16, LLLF08, LH13, YXHS13]. Poisson-Disk
[LLLF08]. Polaris
[STH02]. Polarity
[GuF15]. Policing
[MMP+14]. Policy
[BKW03]. Pollution
[QCX+07]. Polycube
[GXH+13, WLL+12]. Polycubes
[LWQL13]. Polygon
[LRN96, PLK12, QM08, SW98]. Polygonal
[AGL06, ESV98, Gué01, NT03, PML97, XESV07, YT02]. Polygonizer
[YOS13]. Polygons
[DKMI13, ER97, GLH01]. Polyhedral
[LH03, LL05, MHDG11, PCG15, SPB96, Tac10, Wan11]. Polyhedrons
[WLSW08]. Polymorphic
[NK06]. Polynomial
[EG09, HB03]. Polynomials
[HH95]. Polyp
[HQK06, ZBB+06]. Polytopes
[CS08, KL04]. Pondering
[VI18]. pop
[LLL+14]. pop-ups
[LLL+14]. Population
[KLG+16]. Populations
[CLB13, FLF+11]. Pore
[UMW+12]. Porosity
[MDG00]. Porous
[PC13, WAW18]. Portable
[KCS+16]. Portals
[Ano05d]. Portfolio
[BNTM16]. Portfolios
[MEV+14]. Portraiture
[BO07]. Pose
[CZ+11, FCS17, GSC07, HBES11, HV00, IFM14, LIM+12, MUS16]. Pose-Inspired
[FCS17]. Pose-Oblivious
[GSC07]. PoseShop
[CTM+13]. Position
[JNC+15, LPG15, RP12]. Position-Dependent
[LPG15]. Positional
[PH11]. Positioning
[BMST09, KIS17, THL09]. Positions
[AHRG10, VP09]. Possibilities
[LPC17]. Possible
[LG13, LG15]. Post
[Ano11c]. Postprocess
[MDG00]. Posture
[LZL16, VSS18]. Postures
[WKH15]. POT
[JS06]. Potentials
[JR07]. Powell
[EM06]. Power
[CBL07, HFMC12, LS13a, MGMP18, PMN+14, WSM+09]. Powered
[JP18]. PowerSet
[AR17]. Practical
[BMTD05, CVG13, EVM08, GBHP08, JKJTM06, MBW15]. Practice
[DPW+15, IIC+13]. Practices
[FHM16]. Practicing
[CLB13]. Pragmatics
[HST18]. Pre
[Ano08d, GAD10]. Pre-Integrated
[GAD10]. Pre-Pages
[Ano08d]. Precepts
[AS05]. Precise
[EPS+15]. Precision
[HBK09, PNML08]. Precomputed
[BES12, JXF+08, ZDM13]. Predicate
[zBBK14]. Predicate-Based
[zBBK14]. Predicates
[BPM+13, KGP+13, SS06a]. Predict
[AERA14]. Predictability
[BS02]. Predicting
[KDM+16, TWBB17]. Prediction
[BSR+14, CL08, FM12a, HKKS18, LLC17, LBR+17, MTB18, PFC18, VB13]. Prediction-Based
[FM12a]. Predictive
[FM06, GBP+13, KP14, MHR+11,
MMT+14. **Predictor** [BS95, SFBP09].
**Predictor-Corrector** [BS95, SFBP09].
**Predominance** [RCSJ18], **Preface** [ALS+17, Ano17o, DEF+18, FvHM+10, Hag98, KSTW18], **preferable** [GLS17].
**Prefiltered** [Cse08, Cse10]. **Prefiltering** [BN12, RHZN11]. **Prefix** [CDM*06].
**Preintegrated** [LS13a]. **Premixed** [BWP+10, YL18]. **Preoperative** [BHWWB07]. **Preparation** [WZW+05].
**Prepare** [RKA+13]. **Prerendered** [CYB08]. **Prescribed** [ONL91, KS14].
**Present** [NJ16], **Presentation** [BGCS17, GJZ+12, MHS07, TJW+17, WBK+08, vdEvW14, vdCvW14].
**Presenting** [HKK16, MY13].
**Preservation** [APP11, CJTM05, DSF+14, ZZG+12, ZSG+13]. **Preserved** [Wan08].
**Preserving** [ATT12, AMA11, BDD+16, BGKG06, CWM09b, DK11a, FYP10, GNSP+14, GLX17, HZH14, HYB+17, HYZ+12, HL09, KSW06, KOF08, KGZ+12, LLL06, LLY+13, LJJZ+18, LFR03, LDC16, LWC+18, MSSH14, NH06, RSB96, SFH06, SWS+11, SRLM07, TGS11, WWLM11, WXJD17, WCB+18, WJE01, YNHB11, ZQS11, CLB11, LLL+14].
**Pressure** [CMF12, DRW16, SB14]. **Pretend** [BBC15].
**Preventing** [GD01]. **Primin** [VZ18].
**Primitive** [WD09]. **Primitives** [BAW16, GFG+05, Rot13]. **Principle** [VC17].
**Principled** [BRBF14, TWSM+11].
**Principles** [BCB10, HST18]. **Printable** [SB17].
**Printed** [ZTZ17]. **Printing** [WQZ+18]. **Prior** [SHM10]. **Prioritized** [KS00a, KS00b, KS01].
**Prioritized-Layered** [KS00a, KS00b, KS01]. **Prism** [ANR+18].
**Privacy** [DK11a]. **Privacy-Preserving** [DK11a]. **PROACT** [HHO+17]. **Proactive** [MMT+14].
**Probabilistic** [AHH+14, CLG16, GR04, LLPY07, PH11, SNG+17, YYY17]. **Probabilities** [LY12].
**Probes** [BDW+08]. **Probing** [DVC18, SDMT16, vPBB+11]. **Problem** [Mar18, QCX+07, RM17].
**Problem-Driven** [Mar18]. **Problems** [ZYM+14]. **Procedural** [DKM13, HQQ12, HKYM17, MM11, VT08, YHL+17]. **Procedure** [DKM06b].
**Procedures** [TGW+95]. **Proceedings** [Ano11]. **Process** [CLS+12, DC17, KS14b, LZLS16, MGM09, Mun09, NXW+16, SASS16, TWBBM17].
**Processes** [CG16, GdBG12, JBI+09, KSDD14, LSC+18, LFA+16, TKBH17, WYM12].
**Processing** [BYA15, BGM+07, BGM+08, BVW+07, CCQ+14, HKC+12, HQ13, RGF+04, XLND11, vLFR17]. **Processors** [HJ16, JHH10].
**Produced** [AFRS05]. **Product** [WPC+13, WLY16, WH11].
**Production** [EGH+06]. **Products** [BBS00].
**Profile** [NWHWD16]. **Profiles** [OHWS13]. **Profiling** [GMD+17, JFS16].
**Program** [Ano12i, Ano13l, Ano13m, Ano14m, Ano14t, Ano15m, Ano16m, Ano16w, Ano17l, Ano18f, Ano18h, BS18, BRS18].
**Programmable** [svLF10].
**Programming** [DKM06a, GMD+17, NW11, WJR+13].
**Progress** [SPG14].
**Progressive** [BPBS06, EASS+18, FSME14, FE17, HPJG08, KL03, LL05, LYY+16b, PR00b, PR00a, PLvdM+17, PHV+18, SPG14, TKBH17, VP04b, YS03, ZGC+17, ZNZX16, ZCF15].
**Project** [PMsW05].
**Projected** [IYS13, IFM14, Lin16b, SCT06, SFC+07].
**Projecting** [PSN10].
**Projection** [AHCh+11, AIS18, BE06, CMSW04, DMC+12, EMdSP+15, FST+14, GXY12, HH+18, HK99, IMS15, JCC+11, KIS17, K00a, K00b, KS01, MS04, NWI17, OR98, OR99, PNML08, PWG17, RLM10, SLS+17, Sim07, TIS16, TIK15, MKME03, YY16, YRWG13, ZXM10].
**Projection-Based** [AHCh+11, FST+14, HK99, MS04, Sim07, ZXM10].
**Projections** [Gle13, Jen12, LT16,
Questions [SDW09]. Quick [YSGM05]. Quick-VDR [YSGM05]. Quilts [BW11].

R [WSC+95]. RACBVHs [KMKY10].
Radar [ALBR16, HLNW11]. Radial [ALBR16, AAMH13, Bac07, BKH+11, DBB10, DLA+09, DLR09, LHLW10, SG09, WKB+13].
Radian [CDDS18]. Radiance [ACTM12, GBP07, KGPB05, SSi99, SHR+11, XJF+08, YFM01]. Radiative [SZN+18, SKLU+11]. Radio [SRK+11].
Radiographic [GST06]. Radiometric [GB08b, LCR16, TIK15]. Radiosity [GH00, HKL17, MPT03, NSS14, Sbe97].
RadViz [RSRDS16, SGM08]. Rail [MGJH08]. Random [CKLL09, KMKY10, MS18b, PBL10, Sbe97, eYL07, ZC11].
Random-Accessible [KMKY10, eYL07]. Randomized [GSCI15]. Range [GK95, LRP97, LCNG14, NSN14, RD05, SLW+10, VAB12, YFM01, YNCP06, ZBG+17]. Rank [GGZ+18, LLR18, MLKS18, SS06b].
Rank-Aware [MLKS18]. Rank-by-Feature [SS06b]. Ranked [KLC08]. RankExplorer [SCL+12].
Ranking [HYFC14, KH16, SCL+12, WDC+18].
Rational [AG17, HTF97, JSG03, PCS+12]. Rational-Quadratic [HTF97].
Rationalization [ZK14b]. Raw [FH06, LSZ+18, WX17]. Ray [BBW+12, CRPH06, GYK+16, HH10, HBAB14, HK99, KHW+09, KKCS98, LGM+08, LYS+10, MYM16, MGW10, NKP+15, NO97, NK06, PPL+99, SMP11, SF14, SM97, SN10, SK00, Stü98, TCM+12, WFM+05, WFKH07, WJA+17, WJ08, WSC+95, WKI+17, vAPP+11, AHR+11, ERL+13].
Ray-Casting [HK99, SMP11, vAPP+11].
Ray-Space [GYK+16]. Ray-Tracing [NK06, SK00, Stü98]. Ray-Triangle [HH10].
Raycasting [MHDH07]. Rays [KKMS11].
Raytracing [APW16, GN12, HL09]. RBF [LL14, YLY+12]. RBF-Based [YLY+12].
RCLens [LGG+18]. Reach [HSR18].
Reaching [C16, SSE15]. Reactive [SRHH16]. Read [OSK12]. Readability [DFG+14, GUFM15, HBF08, OSSK12].
Reading [KA12, WHP+18]. Real [AL11, BTB+04, BTB10, BTH+13, CLS+12, CMF+18, CK05b, CVC+12, CORLS96, CMPC06, CDA99, DHL09, GSCI15, GMD13, GWBO12, GB08b, HB14, HLRC+12, HRIS15, HDJ05, IIS14, JKM06, KLL12, KMDZ10, LCR16, LAM10, LDSM17, LKC09a, LKC09b, LKR+18, LKS13b, LDR00, LXT18, MB03, MLKS18, MT01, NQX+05, OK15, PSSC17, PD04, PMP10, PFW12, Per95, PKMR15, QYH+18, RGF+04, RJD+07, RHJ+16, RYL+18, RKS11, RHD+06, RASS17, RBLW07, SSI99, SL18, SOS+17, SKP07, SN10, SVGR16, SAC+08, SFR+10, SHR+11, SSE15, TCM06, TLC+10, THV+14, VMT06, WRM+10, WTW+08, WFW+17, WOO17, WSE07, WXY17, XESV97, XYS+16, YML+17, YS03, ZQS11, ZKH+11, ZWW+12, ZDM13, dRBS+12, vdZCT16, vFWTS08].
Real-Time [AL11, BTB+04, BTB10, BTH+13, CMF+18, CK05b, CORLS96, CMPC06, CDA99, GSCI15, GMD13, GWBO12, GB08b, HB14, HLRC+12, HRIS15, HDJ05, KLL12, KMDZ10, LCR16, LDSM17, LKC09a, LKC09b, LKR+18, LKS13b, LDR00, LXT18, MB03, MLKS18, MT01, NQX+05, OK15, PSSC17, PD04, PMP10, PFW12, Per95, PKMR15, QYH+18, RGF+04, RJD+07, RHJ+16, RYL+18, RKS11, RHD+06, RASS17, RBLW07, SSI99, SL18, SOS+17, SKP07, SN10, SVGR16, SAC+08, SFR+10, SHR+11, SSE15, TCM06, TLC+10, THV+14, VMT06, WRM+10, WTW+08, WFW+17, WOO17, WSE07, WXY17, XESV97, XYS+16, YML+17, YS03, ZQS11, ZKH+11, ZWW+12, ZDM13, dRBS+12, vdZCT16, vFWTS08].
Real-Walking [PFW12].  Real-World [LAM10, SLM18, vFWTS08].  Realism [JDA+11, KSS09, KFN06, LRM+13].  Realistic [CDR+18, CLZ+03, CORLS96, DDKA06, JWL05, ZKM18].  Reality [Ano12e, Ano14j, Ano14d, Ano14e, Ano15c, Ano16d, Ano16e, AS11, BSB+18, BBC15, BAI3, BBBBBM18, BDB+16, BSE+17, BZS+13, BAP+17, BII13, BDH+18, BLO+05, BSWL12, BLRW05, BC18b, CLB13, CMPC06, CLS13a, CGB+13, DS17a, DS18, DJK+06, DH08, DRHK07, EPS+15, FBJ07, Fuc13, GS08, GLM+17, GKR14, GJK15, Ger17, GWP+18, GLZI17, HK10, HBESB11, HIH+18, HSR18, HCP+15, HBKS09, HAGS16, HF10, HF11, HV00, ILMH12, JAM+14, JLS15, KMS09, KJIH+18, KSY16, KSNY17, KOJC12, KBS13, KGAM18, KKL11, KM10, KHSB11, KTW13, KLD+09, KLL12, KYT+18, KV98, LH09, LRM+13, LSCN09, LBS+16, LV12, LG12, LBK09, LABS10, LDFZ14, MTM+16, MNZ+15, MUS16, MBZB12, Mch17, MK13c, NMN+18, NQX+05, NJJ11, NTS11, NSS03, OIR+17, OSB+15, PLWI12, PTM+18, PIS15, RBK+15, RSB17, RHJ+16].  Reality [RPAC17, RBGD15, RJG17, Ros13, STB18, Sat13, Sch13, SH00a, Se12, SYYC11, SvlF10, SSL08, SL11, SFL+16, SBHW11, SB14, SJK+07, SSE15, TMM+13, TL11, TGW+95, UKF+18, VGKS12, WRM+10, WLW17, XST+18, YC14, YON05, YON06, ZK17, ZHML14, HWA15].  Realizing [BLO+05].  Realtime [Dan16].  Rear [RL10].  Rearrangements [ORRL10].  Reasoning [CCM12, EFN12, LS10, MDF12, OPH+16, VHI16, WM16].  Reasons [LXC+17].  Recalibration [ANR+18, KHS14].  Recall [BBK+16, HKKS18].  Recalling [SBB+18].  Recognition [BBK+16, HBESB11].  Recoloring [KOF08].  Recombination [FYF+18].  Recommendations [WMA+16].  Recomposition [LWZ+18].  Reconciliation [PDW+14].  Reconfigurable [BSM06, LYY+16a, LPG+18].  Reconstruct [LLR18].  Reconstructing [LGS12].  SvdBML11, WBB+13, WCB+12, YOS13].  Reconstruction [AGDJ10, APS+14, APW16, BF01, BMR+99, BMR01, BK12, BDS+03, CTT+16, Cs08, Cse10, Cse13, Dan16, ERL+13, EM06, EVM08, GXW+18a, GXW+18b, HDBC15, JR07, KSG+16, KEPO8, Kim13, KY06, LJJH14, LZLS16, MY96, MKHD05, MES+11, MFM14, MCS+08, OK15, PBL10, PY09, PKMR15, RZNS04, SCT06, SZN+18, SWF+16, SGM+11, WBK+08, WSS99, Wan11, WWC+14, WDC+16, WXY17, WLDW11, XZM17, YYFX18, YHJ+17, YON05, ZG12, ZGH11, ZCF15].  Recorder [MSM+11].  Recovering [AFRS05, CC08, LSZ+18, Wan06].  Rectangle [IYIK04].  Rectangle-Packing [IYIK04].  Rectangular [KHA10, RL09].  Rectilinear [Mao96, MSHC99, SM06, SK00].  Recurrence [ASW12].  Recurrent [SCT+10, SGPR18].  Redirected [BLS15, HB13, HBT14, NSE+12, SHV+18, SBJ+10, ZWBL13].  Redirecting [BIPS12].  Reduce [JAM+14].  Reduced [ATK16, KLLR07, KCT+17, TGSP09].  Reducing [Ros11, SCL08, vdEBHV16].  Reduction [AH+11, ED06, ED07, JH09, KO04, QM08, RD05, SZZ+17, SMT13, VT08, WWLM11, WFC+18, WCR+18].  Reductions [SDMT16].  Redundancy [WGS+13].  Reeb [DN12, DN13, PSF09, TGSP09, TDM+12, TC17].  Reference [JK16, KSD14, NB12, SM17, ZCL09].  References [LYK+12].  Referential [LDN1].  Refilming [ZDJ+09].  Refinement [BT13, CDS+12, CDM+04].
Reflectance [FBL05, LF97, TIS16, TLQ+08, TAL+07, WPG05]. Reflecting [TBHC16].
Reflectance [NSS14, PSW06, TIS16].
Reflections [CA00, HQQ07, SMM12, WXK14, WDS07, WBD14]. Reflective [KTBW13].
Reformation [AMB+13, KBB+10, LCMH09, WGC+08, KST+14].
Reformatting [STY08]. Refraction [MB18a, dRBS+12]. Refractions [HQ07].
Refraction [KTBW13, LSK+18, WH18]. Refraction [RKB13]. Regarding [SNB17].
Region [YCLJ12]. Region-Based [YCLJ12]. Regions [HFS+12, HS11, KHH11].
Registered [SPK+07]. Registration [AIS18, BJM07, FYZ+17, HBK09, HQQ12, HZH14, LG13, MDS+16, RNK+15, RMW09, SM09, TCL+13, XFO+04, YNO05, YON06, ZMG+10].
Reinventing [AAMG12]. Relates [ZOC+13]. Relation [CQC+10, NN11a, NN11b, YHW+07, GSL14].
Relation-Aware [CQC+10, NN11a, NN11b]. Relational [KGS+08, PLS+14, STH02]. Relations [BN11, CPO09, CDO+09, H0106, ZCC13].
Relationship [LDM+18]. Relationships [BCH+13, CWK+07, CC07, GW11, LS09, LPK+13, LBT+18, MAK08, NR18, SW13].
Relative [MDS+16, ZLB+05]. Relativistic [MGW10]. Relativity [WBE+06].
Relaxation [LPQF14, YLSL11]. Relevant [AAFG18, WLL+16]. RelEx [SFMB12].
Reliable [GLM06, HHCL01]. Relief [LWYM12, SMRL09, SJM14, YHJ+17, ZZL+15]. Relighting [CBLD11, LDR00, WPC+13].
Relocalization [GSC15, KCH11]. Remapped [HSR18]. Remeshing [AGL06, HYB+17, LZX+10, VCP08, YBZW14, YW16, ZHLB13, Zhn05].
Remodeling [CAH+13]. Remote [CMP14, GLB16, LS07a, OIR+17, PAB+08, SJH+07]. Removal [JWS04]. Rendered [MDG00, PFK+08, WQ07].
Renderer [FSTG16, WMS07]. Renderers [YESK95].
Rendering [ABCA+03, AN05d, AN09b, BES12, BSS+13, BGT12, BLM06, BMTD05, BHWB07, BTTB10, BTHD11, CR08, CICS05, CBPS06, CWM+09a, CLZ+03, CC11, CMF+18, CL06, CR03, CH03, CMSW04, CHM11, Cs08, DH02, DDK+06, EMRY02, EHS13, EMP09, Eil95, EJR+14, EBR109, FM07, FM12b, FSW09, FA10, GW06, GMS+07, GU00, GAMD10, Guo95, GQGP17, HR07a, HAA+18, HCS+07, HHH+18, HWHK16, HQS18, HMBG01, HSR13a, HSR13b, HA04, HLY10, HHM14, HK09, HBC+12, HQ07, HC05, HGH+10, IWR+18, JV09, JWC05, JM10, JKRY12, KSH03, KV03, KKK+18, KKSS13, KWP01, KWH00, KKH2, KM16, KJL+12, KKS08, KMLM16, LAC96, LAA11, LAR96, LKCO9a, LS13a, LDC96, LS07b, LRZM11, LSR+13, LY06, LR11, LH+04, LCPD13, LRLR18, LWP+06, LMT+03, LMC02, LLY06, LLPY07, MDM10, MAX+95a, MBT+18, MAWM11, MT07, MRT00, NK06].
Rendering [Ney98, NJ16, NvdV00, NTS11, OWS15, PCY08, PLW12, PJ03, PAB+08, PH08, PSW06, QCH+14, RBG07, RE01a, RZH+08, RPAC17, RE01b, RDB+12, SE17, SWB+00, SLM18, SSB+17, SEL15, SD11, SKHM14, SM97, SHC+09, SEH08, SLW+10, SHR+11, TK14, TLQ+08, TWWB17, VF13, VPB+11, Vis15, WZQK04, WW07, WS07, WT+08, WK13, WX13, WXK14, WH18, WBK+07, WDC+07, WKZL04, WPG05, WMGE12, WII+12, WC13, WLLC15, XESV07].
XTY+11, YHLJ08, YLX+12, YCLL08, YL95, YSGM05, ZK06, ZM13, ZDM13, Zha14, ZEC08, ZWM13, ZG06, Zhu05, ZBDS12, ZD18, dRBS+12, vRKEE17, LCM07.

Rendering [LB17], Renderserver [PAB+08]. Reordering [SCL08].

Reorganization [LBGV13], Reorientation [BL15, PF09], Rep [RF11], Repair [BDK98, HF11, NT03, PPM+11, ZJH07].

Repaired [CC08], Reparameterization [YLX+12]. Replays [PKG12]. Replication [DJ18]. Reports [BKM13, LTM18]. Repositioning [BL15].

Repositories [GCL+15, KLK+09]. Repository [PFG08]. Representation [AW03, CMPS97, CLB11, DVC18, FGF+05, GIS03, HF16, Hu16b, KLC17, KHP07, KDA+09, LF97, LH+12, LHFY12, LPLT11, LKT13, LXRY18, MZF98, MB01, Mur95, NDS10, PB13, PBA10, SGM05, SP96, SCYW16, TVET14, WLSW08, WD10, YSD+17, YS03, ZBZ+13, ZKG07].

Representations [GK07, HHH+16, HJC14, Jv09, JEG12, JDL09, MKC12, WJD17]. Representative [LBR+17, TLLH12]. Representativity [PBPP11].


Requirements [GNCM+16, TG95, vLFR17]. Res [ETO+10]. Resampling [CMF+18, MAO96].

Research [BSG+09, EGG+12, IIS+17, JF16, KLY+08, Nie96, SDW09, TM04, WOC09].

Reshaping [ZLMD16]. Residential [RB11]. Residue [ZT09]. Resistant [LLW06, YPR17]. Resizing [DZL+14, WLLM13]. Resolution [AL11, CKW+07, CAN14, IWR+18, KGS+08, KHRZ18, LMK07, LWW+07, PS12, PHF07, SSIF09, SKMH14, TLQ+08, WJO8, WLSL17, WPS+16, WDW16, YBZW14, vAPP+11, BPC+10].


Responsive [PE+95]. Restoration [LWYM12]. Restricted [CVC+12, WLL+12, YBZW14]. Result [BM10], Result-Driven [BM10].

ResultMaps [CDF09]. Results [GNSP+14, HOG+12, NZ06, NB12, PHE+18]. Retargeting [DKW+16, KPB016, LLG17, LLY+13, PZP+12, PMH18]. Retention [CB15]. Retexturing [GJP08, MTB17].

Rethinking [DWS10]. Reticulum [MQF06]. Retinal [FZC+07]. Retrieval [ADP02, CLAL12, EHBA11, HKE12, LLZ+16, LHH+18, SSW18, TL07].


Revealing [AAFW17, ASW12, CC07, CPC09, GZ11]. Reverberation [AM13]. Reverse [SZK15]. Review [FIBK17, IIC+13]. Reviewer [ANO05e, De 18b, Lin14c, Ano04b, Ano15n].

Reviewers [ANO00a, Ano01b, Ano03a, Ano06, Ano07, Ano08a, Ano09c, Ano10b, Ano11g, Ano11b, Ano12a, Ano12b, Ano13q, Ano13b, Ano15b, Ano15p, Ano16r, Ano18g, Ano18l, Ano18p, Ano14b, Ano14u, Ano18i].

Rubbing [LWM12]. 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]. Safe [NMN+18]. Safely
[CVC+12]. Safety [BES12, BC18b, CB15,
Ch16, LLQ+17, TKE16]. SAH [Wal12].
Saliency
[FKLT10, IV11, KV06, MHD+18, WSYM17].
Saliency-Assisted [IV11].
Saliency-guided [KV06]. Salient [WM18].
Sample [BKW10, HEFR18, PSM06, QK04].
Sample-Based [BKW10, PSM06, QK04].
Sampled
[ATT12, CDK04, CYW+16, CL11, Wan06].
Sampler [VML97]. Samples
[BT13, FHHJ08, YCLL08]. Sampling
[AT05, AGY+17, AEM09, AFRS05,
BMWM06, CDBR14, CYC+12, CCS12,
DWB+06, FYWY16, KSSW09, KHW+09,
KBH13, LL04, LBR+17, LPG15, MY96,
Max95b, MES+11, MKW+08, NHEM17,
PBBP11, PRA+10, QLLM13, WMWL11,
WBS16, WLLC15, WCA17, YWW14,
YXSH13]. Samplings [LYS+10]. SaNDVis
[PGU+13]. Satellite [YXC+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,
BV+11, DVC07, DK11b, EMP09,
FSL09, FHW07, GW06, GHGM06, GXY12,
HS+11, JH+09, KHS07, KBGE11,
LFB06, LMC02, MHDH07, MCA+10,
NSW+17, NR18, NHH07, PAB+08, RLM10,
SCM+06, WLLC15, YEB16, YC14,
YX+15, YXG+10, ZK14a]. Scalar
[CLB11, GPW10, GJR+14, GNP+06,
GNPH07, HM10, LJHY14, PQMCR17, PMW13, RE01a, RKG+11, STS06, SWC+08, TN11, TN13, TN14, TP12, YL95. Scale [AvHK06, APS+14, BL07, BWT+11, CMK15, CLW18, CPG09, Dic14, DGWC10, DB07, EDF11, EBB+15, FSW09, GWFI14, GBWI17, GDST16, HAAB+18, HA06a, JH13, JST+10, JHGH08, JSB13, KAKC18, KHSS14, KKP+17, KSSW09, KLI+09, LLBS17, LFLH07, LZH+13, MDS16, MDS+18, MGM09, MOC+14, NLS11, PFW12, PY09, RKSBI3, RKG+11, SXM17, SYZ+18, TKE16, VWvH+07, WSLL12, XM+15, ZHL+09, LFH06, LWL+17, SMD+14]. Scale-Adaptive [MDS+18]. Scale-Free [JHGH08]. Scale-Space [KSSW09]. Scale-Varying [DB07]. Scaled [CWC+06, KCT+17]. Scales [CVG+13]. Scaling [LMZ+14, LT18, ZK02]. Scan [AHRG10, RLNN11, YR95]. Scan-Based [RLNN11]. Scan-Conversion [YR95]. Scanning [PWG17, RBK+15, TZL+12, WG16, ZZM06]. Scans [BMR01, LSZ+18, RHR+09, VAB12]. Scatter [FHSW13, HOG+12, LT10, MG13, WHZ+18]. Scatter/Gather [HOG+12]. ScatterBlogs2 [BTH+13]. Scattered [BF01, KH01, LWCS06, LWS97]. Scattering [ASW13, AWB11, KKSE17, NSS14, Sil95, YGX+09, ZW07]. Scatterplot [CCM13a, EDF08, HKF16, KCPE16, SW12, SM13, VMJC10]. Scatterplots [BW08b, BGR06, CCM+14, GCNFI3, LWCC18, MPOW17]. Scenario [BC18b]. Scenarios [LBI+12, TNT+17]. Scene [APW16, FYF+18, FM04, LSJ+15, LXR18, MB01, SSI09, SG99, ZHC18, ZZM06, ZGM18, ZKG07]. Scenes [BGCS17, GN12, LB013, LR097, LW+07, LDR00, MFZ+17, NKP+15, NCB+98, PZLZ17, SLM18, XA09, YYT16, LCM07]. Scenic [Hu16a]. Scented [WHA07]. Schedule [JHP+14]. Schedules [PGSF16]. Scheduling [KLL+13, TK14]. Schematization [vGMSW15]. Scheme [Cse13, HPJ+08, LH03, LYY+08, LY06, LDC16, PB13, RF11, VP04b, ZCG06, Zhu05]. SchemeLens [CLB+16]. Schemes [Cse08, LBN96, SFNP09, TDJ14, TDJ15, ZTP05]. Schlieren [BPS+11]. Science [ANO12g, BSI18, BRJ18, DJ18, Ert10c, MW13, UMW+12, vW11]. Scientific [AL06, AB01, BKW16, BW17, FHM17, HE99, KAM+08, KMDH11, KH13, KCS+16, LDC96, LS16, Mar18, MGKH09, Nio95, OR98, OR99, OSBM14, RBGH14, Rob98, SKK+14, WJA+17, WBP07, WKLZ04, YSI+10]. Scientist [DLW+17]. Scientists [GKL+13]. Scission [DCK+12]. Scissor [ZWC+16, ZTA12]. Sclerosis [SGQ16]. Scream [BS11]. Screen [AJ17, CACl12, DK10, GQM+18, IWR+18, MYI13, TIS16]. Screen-Space [DK10, IWR+18]. Screenit [DSC+17]. Screens [BGR06, DSC+17]. Screentone [YHL+17]. ScreenX [LLKN17]. Scripting [PUNI11]. Sculpting [CCB+18, GM05, WM13a]. Sculptures [STS+14]. SD [HRN+03]. Seamless [BMY05, FBPB17, TS08]. Seamlessness [SLG09]. Seams [PST+15]. Search [BBH+17, BKW+13, CWT+08, CDF09, GNSP+14, GMD+17, IDA+14, JWC05, KBGE11, LRM+13, LCP+13, LDFZ14, NHB+17, N06, NB12, RSBB17, RGP+12, SWL+14a, SCM+06, ZWBB13, vHP09]. Search-Based [CWT+08]. Searching [SPP+14, WPS+09]. Seated [KKT+18]. Second [GRT17, HLL97, HVS11, KH16, SK10, WXP14]. Second-Order [GRT17, HLL97, SK10, WXP14]. Section [AD12, ANO12g, BvdP12, BDC17, BHTY15, BKG11, BKL18, CCH14, CLS07, CW11, DFQ12, DW17, Ert10c, FBS07, GKR14, GJK15, GW13, GMM05, HK10, HVY16, HKQ13, HP04, HLM10, ILMH12, JLS15, KMN04, KRTvW06, KS14a, KKL11, KHSB11, KPGL12, KL14b, LS06, LSCN09, LSGN09.]
LST+16, LBKD09, LABS10, MH10, MW13, Moo03, MYM08, NSvW11, OA11, Ota17, PZ12, Pur09, Qin09, RvW05, SK16a, SK15, SGR06, SLS08, SL11, SW17, TL11, VW12, WL17, WM05, vWMT04, vW11).

Sectional [GGC17, SKYS14]. sectioned [DBTH07]. Sections [LB17, SFH06].

Security [MKN+07, SSG12]. Sediment [UDSL18]. Sedimentation [HVF13]. See [BC18a, DFG+14, DTT+17, GMD+17, GIMS18, GMY11, GLB16, HII+18, HRIS15, IK15, IDAK15, IAK16, IHS17, LCR16, LH16, LHH16, LHC10, MIO+15, PIN+15, RHJ+16, SJK+07, WVFH12].

See-Through [BC18a, DFG+14, DTT+17, GIMS18, HII+18, HRIS15, IK15, IDAK15, IAK16, IHS17, LCR16, LH16, LHH16, LHC10, MIO+15, PIN+15, RHJ+16, SJK+07]. Seed [HA04]. Seeding [FA15, MJL+13]. Seeing [TAL+07]. Seeing [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 [GGJ+15, vLBB16].

Segmented [CL06, RSW18]. Seifert [vWC06]. Seismic [HFG+12]. Selecting [HFG+12]. Selecting [HFG+12]. Selection [AT16, BAF+13, BTJ+13, CWL12, DMC15, EWWL98, JS06, KPB14, LFA+16, MLMP18, PLC+11b, PBC17, SHV16, TMWS13, THV+14, WGS07a, WSS09, WHZ+18, YEII12, YEIII16].

Selections [CvW18, vdEvW14]. Selective [CDM+04]. Self [AL11, BPS13, BDH+18, BSLW12, GD01, HDBC15, JNC+15, JAO+14, SKB+18, SG09, SLF+12].


Self-Avatar [BPS13, JAO+14]. Self-Contact [BDH+18]. Self-Generating [SG09]. Self-Intersection [SG09].

[AL11, GD01]. Self-Motion [BSWL12].

Self-Occlusion [HDBC15].

Self-OCclusions [JNC+15].

Self-Organizing [SKB+18].

Self-Overlapping [SLF+12]. SelfTrend [LSS09]. Semantic [AW03, BGR06, CQM10, EFN12, FWL17, HTE11, KTE15, LHI+18, LBT+18, RBG07, SMER06, SA06, SMNR16, WOO17].

Semantic-Driven [LHJ+18].

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, TW18, WU16].

Semi-Analytical [ANO09b]. Semi-Automatic [KGP+13, MIO+15, RNK+15, TW18].

Semi-Dense [BHST17]. Semi-Lagrangian [WU16]. Semi-Parametric [IDAK15].

Semi-Spatial [KBVH17]. SemiAutomatic [SG09]. Semiotics [MRO+12, VFR13].

Semiregular [DHM13b, PA06]. Send [GPC+17]. Sensation [KKKT18]. Sense [CDW+16, JAAL18, LKH+16].

Sensemaking [AN13, EFN12, GLK+13, aKS12, LKH+16, MT14, NXW+16, SMNR16, ZGI+18].

SensePath [NXW+16]. Sensing [SD11, WAG+12]. Sensitive [DN12, FW08, KGG+12, SZ11]. Sensitivity [VBP+HR09, CCM13a, CCM12, LLBS17, MLMP18].

Sensitivity-Aware [MLMP18]. Sensor [BMJK09, FM04]. SentenTree [LHJ+18]. Separability [LWS+17, MCG12].

Separating [CMF12, FBTW10]. Separation [DKM06b, KHL99, RS12].

September [RPHI08]. Sequence [ADG11, CXR18, FNM13, GS14, GXZ+18, HDR+13, MLL+13, NBJ09, UDSL18, YYFX18, vdEHBvW14]. Sequences [CvW18, DSP+17, HSF+06, LWD+17, MRT00, RG95, UDSL18, VBB16, VJC09, WMWL11, War09, WG12]. Sequential
[NOB16, WFM+12]. Smart
[CFM+13, XMRC17]. SmartAdP
[LWL+17]. SmartColor [HRISI15].
Smashing [AMA06]. SMCC [LH03].
Smelling [MYI13]. Smoke
[LSV+18, YYY16, vFWTS08]. Smooth
[AGDJ10, BBG+09, LG15, LBH18, Nie04,
RL08, SM11, SEH08, vWN04]. Smoothed
[SFBP09]. Smoothing [GZ14, SDHH12,
SB04, WTW+08, WJE01, ZHZ15].
Smoothly [IFP97]. Smoothness [SCKR08].
Smoothness-Increasing [SCKR08]. Snake
[LG13]. SnapShot [PSBS12]. Snapshots
[SJK+12, vdEHBV16]. Snippet [GNSP+14].
Snippet-Based [GNSP+14]. Snooker
[PLC+11b]. Snowballing [LXC+17].
Soccer [PVF13]. SoccerStories [PVF13].
Social [BGC+11, BN11, CYW+16, CMMI2,
CdOKR09, GKL+13, HF06, HM07,
HB08, HWS17, JHGH08, PS06, PGU+13,
SMER06, SWL+14b, TKE16, WK06,
WLY+14, WLS+18, XWW+13, YLL+12,
ZCW+14]. Social-Event-Driven [YLL+12].
Societal [KZX+14]. Soft
[CDA99, HCP+15, IHK05, TMDO15, ZC03].
SoftAR [PIS15]. Softer [GLM+17].
Softness [PIS15]. Software [CZI1, CAN14,
FWL17, GUO00, HK10, HA06b, OM09,
RLA+13, TC09b, TL11, WLW17]. Solid
[BDK98, BW01, BGK11, CZZ17a, CMF12,
DHM13b, Fan99, HR07a, HR96, HQ04,
OH06, PKS+08, Qin09, SP96, VHLL14,
YL18, ZH07]. Solid-Fluid [VHLL14].
Solid-State [PKS+08]. Solids [LIGF06,
PC13, RSB96, SP96, Wan11, WM13b].
Solution [BTC13, EG09, LS07a, LMC02].
Solutions [ALBR16, JDS+18, LSV+18,
M504, NLKH12, PLK12, XYGL13]. Solver
[CMF12, JFTW07]. Solving
[DRW16, LM96]. some [AL06]. SOMFlow
[SKB+18]. Sonic [MLCM16]. SoniffEye
[RNE+17]. Sonification [RNE+17]. Sort
[LRN96, MAWM11]. Sort-First
[MWW11]. Sort-Last [LRN96]. Sorted
[IK95]. Sorting [CICS05]. Sound [AM13,
CLT+08, DRHK07, MAK14, MRG+15,
MYM16, NTS11, OMD+12, RNL09,
RNE+17, RSM+16, RSR+18, YL18, LCM07].
Sounding [YL18]. Sounds [NTS11]. Soups
[PLK12]. Source [MYI13, MAKM14].
Sources
[MBL+06, MAF11, MTB18, SNM16]. Space
[AJ17, AAB+13, AMA08, BB12, BSM+13,
BT14, BS02, BEJK12, BLB+17, CMSW04,
DK10, DSF+14, ERHVF10, FFB18,
FSME14, FWT+04, GCML06, GYK+16,
GLB16, HAAB+18, HQ13, HPC+13,
IWR+18, JH13, JA18, JZLG09, KBD+11,
KL03, KLM04, KLC17, KSSW09,
KDA+09, KW13, LvWJH04, LMZ+14,
LSJ96, MWCE09, MJW+14, ME09, MM08,
NM13, PFG04, PSTW+17, PZ07, PBCR11,
RKG+11, SFA+15, SHS11a, SNHS13,
SHB+14, SKP07, STYC12, SPK+07, STH13,
TH13, TC17, TNS10, VB18, WSY07,
WZK12, WM13a, Wan14, WFM+12,
ZWZD15, ZHL+09, Ano96b]. Space-Based
[LvWJH04]. Space-Efficient [TNS10].
Space-Filling
[BB12, Wen14, WFM+12, DSF+14].
Space-Frequency [HQ13]. Spaced
[LMG06, WLZ10, ZG12]. Spaces
[BEF15, BM10, DNL+06, DRKD12, FW00,
IWSK07, JE13, JS08, MB01, dJOBN17,
KSH+14, KSH+16, PCG15, RKG+11,
SLF+12, VABW09, YSI+10, vWN04]. Span
[Ano96b, LSJ96]. SparkClouds [LRK10].
Sparse [BT13, CTT+16, DVC18, DL14,
GZL+14, HY+12, JdLRL13, KSH03,
LBC+16, LK11, SKMH14, WYL+14,
WSH16, WLT+18, YYX18]. Sparse-Sequence
[YYFX18]. SparseLeap
[HAAB+18]. Sparsely [CYW+16, CL11].
Spatial
[AMJ+12, AN13, AA11, AAFW17, BJ+B12,
CJTM05, FTES13, Guo09, HIH+18, HZG+11,
IK15, IHS17, JSB13, KBBH17, LLL+10,
MWW06, MMH+13, MBL+06, MK13c,
NO97, dJOBNM17, OSS+17, OPH+16, PBN+13, PIS15, RKSBl3, RSBB17, SNM16, SR17, SJ06, Sim07, SPW02, TC13, VH16, WBK+08, YPI13, BDM+17, PSK06.

Spatial-Temporal [SPW02].
Spatialization [TSW+07].  Spatializations [HBM+13, TSD09].  Spatialized [JWC05].
Spatially [LLL+12, NSW+17, SYYC11, WLLH13, WD08].  Spatio [BZGV14, BAB+18, CHW+18, FPV+13, Lin16b, SM17, SLQW17, TIS16, WG16, WDSC07, vLB+16].  Spatio-Angular [BZGV14].  Spatio-Temporal [BAB+18, CHW+18, FPV+13, Lin16b, SM17, SLQW17, TIS16, WG16, vLB+16, WDSC07].  Spatio-Angular [RHZN1].
Spatiotemporal [BMJK09, BTHD11, CLS+12, CLZ+18, KJW+18, KDA+09, LKS13b, MRH+10, MMT+14, MLK18, NXS13, SvBL11, WMWL11].  Speaker [An013t, An013u, Bai13, Bla12, Cze12, Fra12, Kas12, Min13, Sat13, Seq12].  Special [AD12, An012g, BDC17, BHTY15, BGK11, BKL18, BLRW05, CCH14, CLS07, CW11, DSI7a, DS18, DW17, Ert10c, FBJ07, GKR14, GJK15, GW13, GM05, HK10, Hag98, HVY16, HKQ13, HP04, HLM10, Joy02, JLS15, KMN04, KRTW06, KS14a, KKL11, KHSB11, KPG12, KL14b, LS06, LSCN09, LS+16, LBK09, LABS10, MH10, MY14, MW13, M0003, MGW10, MVM08, NSW11, OA11, Ota17, PZ12, Pur09, Qin09, RvWT05, SK16a, SK15, SGR06, SSL08, SL11, SW17, TL11, Var01, VW12, WLW17, WM05, WBE+06, vWMT04, vW11, BvdP12, DFQ12, ILMH12].  Specific [CCQ+14, KCS+16, KGPS13, RGBH14].
Specification [AHSS14, DV95, Sc15, SPE18].
Specifications [KWP01, SFM12].
Specifying [SKL+14].  SPECT [MSSD+08].
Spectral [BMTD05, BWMW06, NK06, NvdV00, SK13].  Spectral/ [NK06].
Spectrometry [EGG+12, RB18].
Spectrum [CM09, HHZH17, YNHB11].
Specular [CA00, WXKP14].  Specularities [MTB17].  Specularity [MTB18, STB18].
Speculative [HFM16].  Speech [DNL+05, KP06, LMD12, MCP+06, MD12, PZ07].
Spiral [BSV11].  Splatterplots [MG13].
Splattering [BVB+11, Mao06, MMS+98, MSCH99, NW10, PSS04, ZC03, ZPvB02].
Spleen [GDKB17].  Splicing [SAB+16].
Spline [BDHJ04, CLCQ12, Cse10, Cse13, EM06, HJW99a, HJW99b, KEP08, Kim13, KH10, LLWQ13, LQLX14, ONL+12, RE01a, RZHB+08, WBH04].
Splines [EVM08, LWS97, ME11a, Nie04, RZNS04, WLL+12, XF04, HHQH17].  Splitting [ISC07].
SplitVectors [ZBG+17].  Sport [SJL+18b].  Sprayed [FHG+09].  Spreading [HTC09, ZCW+14].  Spreadsheet [JKM01, SBP08, WS09].  Spreadsheet-Like [JKM01].
Spring [BB13, KW05, LS07, LKT13, SVAC12].
Springs [Del08].  Sprites [MSE+06].  SQ [MBS07].
S-Q Map [MBS07].  Square [PNML08, PA06].  Squares [MDS16, MGM14, PLK12, SZ11, WL08, RAL+17].
Squash [vKL12].  Squash-and-Stretch [vKL12].  Squish [SM06].  SSE4 [HH10].
Stability [AHRL01, TC13].  Stabilization [WLHL13].  Stabilized [An014h, YLK12].
Stable [Dru08, LB15, PLW11, SSV18, Sy13, WTVF11].  Stack [JL13].  Stacked [BW08c, WWS+16].  Stacking [DWA10, TSSA12].  Stacking-Based
[CRH05, LPK\textsuperscript{+}16, MSA17, OK11]. Strokes [GJZ\textsuperscript{+}12]. Strolling [DRRD12]. Strong [XA09]. Structural
[QGM\textsuperscript{+}18, Hu16b, LLC15, NRS15, SMER06, TKW08, WFS\textsuperscript{+}16]. Structure [BW14, BRT12, BL07, CQM10, CLB11, DNP07, EBB\textsuperscript{+}13, FWR00, Guo95, HNR\textsuperscript{+}06, HTE11, KPBG13, LBG\textsuperscript{+}16, LBM\textsuperscript{+}06, LMZ\textsuperscript{+}14, LGLR14, MZFM98, SR17, STM08, SSW18, TLD\textsuperscript{+}12, Tay02, WKB\textsuperscript{+}13, XNT11, YLZ\textsuperscript{+}13, YEII12, ZHZ15, ZCL09, BDM\textsuperscript{+}17]. Structure-Aware [BL07, TLD\textsuperscript{+}12, YEII12]. Structure-Based [FWR00, Guo95, HTE11, KPBG13, LMBZ\textsuperscript{+}14]. Structure-preserving [CLB11]. Structure-Significant
[MZFM98]. Structured [BKM13, BS16, CYB08, DF96, FPB17, GDP\textsuperscript{+}16, MZFM98, MHDH07, SZS\textsuperscript{+}17, TDj14, TDj15, TNS10, WHFL14, WC\textsuperscript{+}15, XA10]. Structures [BFL06, BWP\textsuperscript{+}10, GGTH07, GZ11, GSG96, GHP\textsuperscript{+}16, HVS\textsuperscript{+}11, LWS\textsuperscript{+}17, MK16, MQF06, MWC\textsuperscript{+}12, MCS\textsuperscript{+}08, RHD\textsuperscript{+}06, RC06, SP07, SWB\textsuperscript{+}00, SFB\textsuperscript{+}12, TNB11, TGS11, WKL14, WKB\textsuperscript{+}13, WJR\textsuperscript{+}13, WAW18, XYC\textsuperscript{+}18, ZWC\textsuperscript{+}16, JQD\textsuperscript{+}08]. Structuring [MWCE09, VB18]. Student [TRd12]. Studies [AABW12, FWD\textsuperscript{+}17, FIBK17, GS08, aKS12, LBI\textsuperscript{+}12, MHO10, PBO\textsuperscript{+}14, SS06b]. Study [ARRC11, BDJ14, BHZ\textsuperscript{+}18, BARM\textsuperscript{+}12, BOP15, BvL06, BKH\textsuperscript{+}11, DPW\textsuperscript{+}15, DLW\textsuperscript{+}17, DJ18, FPV\textsuperscript{+}13, FCL09, GKL\textsuperscript{+}13, GBW17, GBFM16, GGZL16, HBA14, JCRS09, KPHH12, KGAM18, KOJL\textsuperscript{+}14, KLG\textsuperscript{+}16, KMLM16, LKB\textsuperscript{+}05, LTM18, LC\textsuperscript{+}12, LD11b, MRO\textsuperscript{+}12, MRSS\textsuperscript{+}12, MGPM18, NBW14, OM09, PLC\textsuperscript{+}11b, PFK\textsuperscript{+}08, SZB\textsuperscript{+}09, SNL10, SMM12, TKE16, WBJ16, XRP\textsuperscript{+}12, dLVL16, RSRD16]. Studying [BGC\textsuperscript{+}11, HZM\textsuperscript{+}16, RKS\textsuperscript{+}13]. Style [ARB07, CH03, DFG\textsuperscript{+}14, HA18, KBD\textsuperscript{+}11, LTP\textsuperscript{+}05, MSSH14, MTW\textsuperscript{+}12, TSLR07, ZJX\textsuperscript{+}15, CDK\textsuperscript{+}17]. Style-Aware [ZJX\textsuperscript{+}15]. Style-Preserving [MSSH14]. Styles [CCM11, SJM14]. Styling [KZW\textsuperscript{+}16, WPK\textsuperscript{+}07]. Stylistic [vPPB\textsuperscript{+}10]. Stylistization [HLIL18, KISE14, KKE17, yK12, KCIW13, LXT18]. Stylized [CL06, YCLL08]. Sub [WHL16]. Sub-Pixel [WHL16]. Subdivision [BDHJ04, CMS06, CM10, CW\textsuperscript{+}07, KMD10, LRZ11, LH12, MS08, MQV00, NO97, PPT\textsuperscript{+}11, PP09, QMV98, WQS07, ZC06]. Subdivision-Based [LHFY12]. Subdivision-Surface [BDHJ04]. Subgraphs [MJ09]. Subjective [AL06, MIO\textsuperscript{+}15]. Subliminal [BL15]. Subneighborhoods [FYP10]. Subset [YS17]. Subsets [GGL\textsuperscript{+}14a, LPK\textsuperscript{+}13]. Subspace [CZZ17b, KJ12, WX17, WM18, YXG\textsuperscript{+}13, YRG13]. Subspaces [WM18]. Substitope [BL04]. Substrates [SA06]. Substructures [Hu16b]. Subsurface [AWB11, CCB\textsuperscript{+}18, HFG\textsuperscript{+}12, NSS14, SAM\textsuperscript{+}07]. Subtle [LDFZ14]. Subtyping [GNDV\textsuperscript{+}18]. Subway [AABS\textsuperscript{+}14]. Success [KHE09]. Suggested [BEDF16]. Suggesting [ZAM11]. Suggestions [DC17, Koo08]. Sugiyama [Bac07]. Suite [SM04]. Summaries [FFB18, TSH\textsuperscript{+}14, WPS\textsuperscript{+}09]. Summarization [DZL\textsuperscript{+}14, GXZ\textsuperscript{+}18, MI13, PKG12]. Summarization-Based [DZL\textsuperscript{+}14]. Summarizing [BFL06]. Summary [BMW17, CXR18]. Summed [XHL18]. Super [CMF\textsuperscript{+}18, RZN04]. Super-Multiview [CMF\textsuperscript{+}18]. Supercluster [MQF06]. Supercomputing [EGH\textsuperscript{+}06]. Superconductor [GPP\textsuperscript{+}16]. Supercubes [WD09]. Superellipsoid [JKM06]. Superellipsoid-based [JKM06]. Superfluid [GLX\textsuperscript{+}18]. Superimpose [SSI90]. SuperMatching [CCM\textsuperscript{+}13b]. Superpixels [PZL17]. Superquadric [SK10]. Supersymmetric [CCM\textsuperscript{+}13b]. Supervised [KW11, WFC\textsuperscript{+}18]. Supervision [KEV\textsuperscript{+}18]. Supine
Support [DBD18, DFD+14, Hu16b, HTC09, KWS+14, MTRP10, NHB+17, PMCS11, PTMB09, STM17, SRC02, SRC03, SOL+16, TAE+11, TFJ12, WKCB07, WLW+18, WQZ+18, YDC+14].
Support-Free [WLW+18, WQZ+18].
Support-Induced [Hu16b].
Supported [NJJ11, ZHLR14].
Supporters [Ano12m].
Supporting [Ano11g, HSCW13, HTL13, HMSA08, KSL+17, KPS16, MT14, MGP06, PSPM15, RAL+17, SVGR16, WPS+09, ZGI+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, GW012, GR04, GSG06, GCZL14, GI05, GI06, GXW+18a, GXW+18b, HAT+00, HCG07, HCP+16, HYB+17, HPC+13, JR07, JKLG08, KBE09, KFS+17, KY06, LLLN+14, LBG+08, LGQ09, LIWQ13, LPS+13, LQLX14, LB17, LBH14, LLRR08, MS08, MW99, MHB+07, MDB+18, NW17, NKH11, OJ12, OMD+12, OK15, ORC07, PB13, PBL01, QLM13, RLY+18, RVWT08, RE14, RL08, SH06, SSH14, SAR96, SB04, SO17, SFG16, TC09a, TWSM+11, VPP+04a, WWC+14, WP05, YKL+08, YYFX18, YSS+12, ZG12, ZWW+12, ZGHG11, ZK02].
Surface-Based [BRT12].
Surfaces [AT05, ABC0+03, BW06, BHS12, BE+10, BEHP04, BBK07, BS16, CGD97, CLCQ12, CFM+13, CRT04, CRH05, DPM00, DBTH07, FT13, FBTW10, GKT+08, Gor02, GR04, GTLH01, HB03, HDBC15, HGH+10, IFP97, IYS13, JSG03, KCOY03, KLMA10, KSS09, KTCG17, KMDZ10, KG13, KG09, LwWJH04, LVRL06, LLL008, LTWH08, LBG+08, LRZM11, LBZ+11, LH+04, MQV00, MGKH09, MS18b, MDG00, MWK+08, MTB18, NWHW16, NPPZ12, NHPN14, PZ11, PY+16, PLC+11a, PPT+11, PMCS11, QMV98, RZHB+08, RASS17, SM09, SM11, STS10, SN10, Sti98, Tae10, TW18, TP12, TC17, USE13, VAW+17, WBB+13, WTW+08, WSS09, WB05, WDC08, WT10b, WK1+17, YXSH13, YT02, ZHT07, ZT17, ZDW+05, ZK14b, ZHGH11, vWC06, vFWS08].
FR13, FCSF17, GIS03, HCP+16, HKYM17, KCPS08, LPK12, LHC16, LFP07, LBZ+11, LHZ+04, LCS+12, LJWF12, LSS+15, MCP+06, MK13a, MM11, NTS11, RB07, RNE+17, RSM+16, WWYS04, WWY14, XZX+17, YL18, ZLG+06, ZHQ+07, ZSTR07, ZKG07. **Synthesis** [YYSZ06]. **Synthesizing** [MSH14, VML97]. **System** [AK02, AvHK06, BDF+10, CL06, CDW+16, DRHK07, DH02, EG03, FCZ15, GCML06, HF06, INC18, aKS12, KKK05, Lac96, LBS14, LDC96, LRF06, INCB18, aKS12, KN17, KKKW05, Lc96, LBS14, LDC96, MGJH08, MY11, MFS+09, MN+18, NB95, NLK12, NQX+05, NT99, PKS+08, PWG17, PSM+07, RHJ+16, RBG014, RNL+15, SSS+17, SW13, SWY+17, SvLF10, SYS+06, STH02, TKT09, TMH+10, TIK15, TGX+15, TLM05, WK13, WTL+09, WDW16, WCS+18, ZFA+14, vLFRI7.]

**Systematic** [FIBK17, IIC+13, PS06, WCR+18.]

**Systems** [ATK16, BKDE00, BS02, CSL+16, CCQ+14, CLB+16, CFC017, DRHK07, DNN13, EG09, FWL17, GP14, GS06, GBCG+14, HCC+12, HBC12, MGS+14, MNK07, NKK08, NSS03, OWS15, P03, PSM12, FFK+08, RK17, SSG13, SSG12, Sim07, SBW11, SLW+10, TYS06, YNH06, YON05, YON06, ZLK+18, vHvdWv02, vP3vdW10].

**T** [Ano14f, KSY14]. **T-ReX** [KSY14]. **Table** [Ano10f, Ano11k, Ano12n, Ano12o, Ano13s, Ano14q, Ano14r, Ano15o, Ano16s, Ano16t, LRL+11, RBLW07, WLS+18, CLS13a]. **Tables** [NSH+18, XHL18]. **Tablop** [IFP+12, LH11, MBW+07]. **Tabletops** [IS14]. **Tabular** [GGL+14a, HTL13, PDF14, WCC+18, YEB18, YS17]. **TACO** [NSH+18]. **Tactile** [BIA17, YNYH06]. **Tactile/Tangible** [BIA17]. **Tag** [LRKC10, RCSJ18]. **Tagged** [CYW+16]. **Tailored** [BLO+05, HCMT15]. **Tails** [SSS13]. **Takes** [Nie95]. **Taking** [FFB18, GS16, Seq12, YAE07]. **Tangible** [NJ09, ONL+12, WT10a]. **Tangential** [VB13]. **TanGeoMS** [TMH+10]. **Tangible** [BSB+18, HAI17, HF10, HJ14, LPG+18, TMH+10]. **Targets** [SSE15]. **TargetVue** [CSL+16]. **Task** [wAPS14, AG16b, DBP14, GHL18, GPC+17, GLB16, JAI18, KCC15, LFP07, LCS+12, LDA12, RBS013, RBK+15, TKAM06, BPC+10]. **Task-Based** [LFP07]. **Task-Driven** [AG16b]. **Task-Overlapped** [GPC+17]. **Tasks** [BM13, CPG+15, ERLW18, FM06, FKS16, GJC+17, aKS12, KPR+14, LTM18, LRM+13, LB17, MCG12, MLS18, OIR+17, PTM+18, SNH13, WBK+08]. **Taste** [KJI+18]. **Taxonomy** [wAPS14, ED07, ET08, KKC15, KOJC12, KW13, MRSS+12, Rot13]. **Taxonomy-Based** [MRSS+12]. **Taylor** [MMY97]. **Teaching** [BGM+17, KSI+96, RRJH18]. **Team** [SJL+18]. **Teaming** [RCL+15]. **Teammates** [RCL+15]. **Technical** [Ano10d]. **Technical** [Ano11d, Ano12h, Ano13j]. Ano13k, Ano13d, Ano13f, Ano14f, Ano14g, Ano14h, Ano16a, Ano16c, Ano16e, Bil13, Ebe18, Sch13, Sil17a, Sil17b, Sil18a, Sil18b]. **Technique** [ARRC11, Ano05d, BS05, BE06, CLB+16, CM08, HAB014, HHH16, J898, KMM+13, KSM06, MRS+13, MIO+15, PN10, SMDS14, SMT13, SK07, SFR+10, TNS10, WSM+09, WFM+12, YON05, ZLB+05, ZZG+12, vFWTS08]. **Techniques** [AB01, BW03, BF01, BJO07, BL07, BMY05, BPS+11, CFC017, DDLO7, DRMM13, EF10, FWL17, JBS06, ICRS09, Kas12, KZL07, Kei00, KCIW13, MC12, MJ09, NT03, P03, PFW09, SPC06, SMT16, SBJ+10, SKL+16, SOK+16, VOKS12, WBJ16, WOE03, YEL12.
Thickness [GLH⁺14, LGV⁺16]. Thin [ELF13, GLB⁺06, GQP17, HNR⁺06, SH12, VAW⁺17, WKZL04, YNYH06, ZQS11].

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

Thread-like [MMYK06]. Threading [PTM09]. Threat [PDBG18]. Threats [MKN⁺15, GKJ⁺12, dRBS⁺12, vdZCT16, CJR07, FSME14, GCML06, KBD⁺11, KW13, SFA⁺15, WSY07].

Time-Dependent [GKT⁺08, KRHH11, KL96, KGG]. Time-Oriented [MBS⁺04, NE04, RSFH14, SLB04].

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

Threshold [SHV⁺18, TWBBM17]. Thresholds [SBJ⁺10, ZLK⁺18].

Tiles [LLLF08]. Tileable [LPF⁺07]. Tiled [BI12, ETO⁺10, LSJ⁺15, NHI07, RLM10, SM11, tCMR07, ETO⁺10]. Tiles [HCP⁺16].

Tiling [LLL08]. Time [AL11, AMM⁺08, Ano14h, ASMP17, BSH⁺16, BGT12, BRT12, BTB⁺04, BGM⁺07, BLS17, BFA⁺13, BTTB10, BTH⁺13, CLS⁺12, CKW⁺12, CFM⁺18, CLK⁺15, CK05b, CORLS96, CMPC06, CDA99, CMP14, DAW13, DSB16, FWSL12, FSHH12, GKT⁺08, GSS⁺15, GSCI15, GMD13, GSL⁺17, GABJ08, GSDJ04, GWOBO12, GB08b, GW11, GWP⁺16, GQGPPS13, GT17, GHP⁺16, HKF16, Har16, HE06, HBI⁺14, JEG12, JEM10, JS06, KY17, KRHH11, KL96, KLK⁺09, Kiu10, KC14, KLL12, KMDZ10, KG09, KGG⁺12, KDA⁺09, KBK11, KG06, LBG⁺16, LCR16, LDSM17, LS02, LKC09a, LKC09b, LS09, LKR⁺18, LKS13b, LXT18, LMC02, MB03, MGMP18, MLKS18, MT01, NSW⁺17, NQX⁺05, NSH⁺18, OBJ16, OKI15, PSSC17, PD04, PMP10, PSR17, Per95, PKMR15, QYH⁺18, RGF⁺04, RJH⁺16, RS12, RYL⁺18, RKSH11, RLA⁺13, RHD⁺06].

Time [RASS17, RBLW07, SBV⁺11, SBS⁺16, SOS⁺17, SK16b, SKP07, SK98, SCL⁺12, SN10, SKU⁺12, SJH⁺07, SVGR16, SB06, SGAS16, SAC⁺08, SSR⁺07, SHR⁺11, SH00b, TC06, WSH05, 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, ZWW⁺12, ZDM13, ZCPB11, cKJG⁺12, dBRS⁺12, vdZCT16, CJR07, FSME14, GCML06, KBD⁺11, KW13, SFA⁺15, WSY07].

Time-Independent [GKT⁺08, KRHH11, KL96, KGG⁺12, SBV⁺11, WSH05, USE13].


Time-Octree [WC09, WC10].

Time-Oriented [AMM⁺08, RLA⁺13].

Time-Series [GLS⁺17, KLV⁺09, KBK11, SGAS16, WBJ16, XCH⁺14, ZCPB11].

Time-Varying [Ano14h, BRT12, BLLS17, CKW⁺12, CLC⁺15, CPM14, FWSL12, GABJ08, GSDJ04, GW11, GWP⁺16, Har16, HE06, JEG12, JS06, KY17, KG09, KG06, LS09, LMC02, OBJ16, PSR17, SK16b, SK98, SB06, SSR⁺07, SH00b, WFKH07, WYM08, WC09, WC10, WJ06, YLK12, DS16b, KC14, NSW⁺17, KBD⁺11, CJR07].

TimeBench [RLA⁺13]. Timeline [LZW⁺13]. TimeLineCurator [FBM16].

Timelines [BLB⁺17, FBM16]. TimeNotes [WB16]. Timepoint [BBP08]. Times [CDW⁺16]. TimeSeer [DAW13].

TimeSpan [LPK⁺16]. Tissue [HCP⁺15, SBV⁺00, SAM⁺07]. Tissues [CDA99]. Title [Ano12p, Ano11i, Ano14j].

TOD [GPC⁺17]. TOD-Tree [GPC⁺17].
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, Ano17e, Ano18a, Ano18b, KHE09, XCH+14].

**TransCAIP** [TKTN09]. **Transcatheter**
[BSR+10]. **TransCut** [LSR+13]. **Transfer**
[ACTM12, ADDG12, CR08, CPG+15, CM08, CM11, EMRY02, KKH02, LWS+17, LLL+12, LLY+10, MWC09, MJW+13, MSL18, NHPN14, RSBB17, SKK06, SG09, Sei15, SHR+11, WZK12, WQ07, XJF+08, ZG+18, ZT09].

**Transferring** [PZ07]. **Transfers** [KHSS14].

**Transfinite** [SFA+15]. **Transform** [FM07, HCMTTH15, LS13b, SPB96, SCYW16, ES05].

**Transformation** [AAB+13, FE17, HLCB18, LCP+13, LDW+15, PSKN06, WZ08].

**Transformations**
[DSS+09, LL05, MPK+13, YHYM08].

**Transforming** [DW14, WSSL12].

**Transforms** [SK00]. **TransGraph** [GW11].

**Transition**
[AW03, GW11, MS18a, PV06, vHvdWvW02].

**Translational** [JCG08]. **Translations**
[BFP14, BBG+09, CDF14, HR07b, WASQ18].

**Transitive** [KL03]. **Translating** [NW15].

**Translation** [ZLK+18]. **Translucent**
[KSTE06, LSR+13, NSS14, WLLC15].

**Transmission** [OHH06, YS03].

**Transmissive** [HIS17]. **Transonic**
[CDL+16, DCH+17]. **Transparency**
[BCS11, BS11, CFM+13, CWM+09a, ESSL11, HC05, MM17, SC15, Zha14].

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

**Transparencies** [FH07].

**Transport**
[BB09, DT10, FT09, HOGJ13, DSC+16, SPS06, SZN+18, 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, QHY+18, TSLR07, TDJ14, TDJ15, WXJD17, WV08, YXR+16, YWLG13, ZGH+18, ZT09, TDJ14].

**Tree-Parts**
[XYS+16]. **Tree-Structured**
[TDJ14, TDJ15]. **Treelike** [MK16].

**Treemaps**
[BL07, GSWD18, KHA10, SSV18, TC13, TS07, TS08, VvWvdL06, WD08].

**TreeNetViz** [GZ11]. **TreePlus** [LPP+06].

**TreePOD** [MLMP18], **Trees**
[AMA06, BSV11, CMM+97, DN13, EG09, FDC+18, GKO7, HSCS11, MSvG+11, MLMP18, PFP+11, SN07, TFO09, WFM+05, ZLD+14, TGSP09].

**TreeVersity2** [GGPPS13], **Trenches**
[SMM12]. **Trend**
[GSL+17, LS09, LD11a, RFF+08, SKK+14].

**Trend-Centric** [SKK+14]. **Trending**
[WOO17]. **Trends** [AAFW17, LRRK10, MOC+14, OBJ16, WHZ+18].

**Triangle**
[AFRS05, GHJ+98, HH10, HHQH17, LXB17, LGLR14, MSE+06, Ros99, VP04b, WZV+05, YPI13, eYL07].

**Triangles**
[Far12, ZK12].

**Triangular**
[AADF17, HS09, SSV18, TC13, WD08].

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

**Triangulation**
[FHSM13, GCT17, MS18b, QCT13, YSS+12].

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

**Triangulations** [HB03]. **Tricubic**
[KCOY03]. **Trilinear** [AMA06, BSV11, CMM+97, DN13, EG09, FDC+18, GKO7, HSCS11, MSvG+11, MLMP18, PFP+11, SN07, TFO09, WFM+05, ZLD+14, TGSP09].

**Trimmer** [STH07]. **Trimmed** [ST07].

**TripAdvisor** [NM13], **Trips** [FPV+13].

**Trivariate** [RE01a, WLL+12]. **True** [HV13].

**Trumps** [SOR+09], **Truncated** [NDS10].

**Trust** [DLW+17], **TSS+16**.

**Truth**
[KDX+12]. **Truthful** [MK13c].

**Truths**
[LB17]. **Try** [HSR13b]. **Try-On** [HSR13b].
tSNE [PLvdM+17]. Tubes [STM08].
Tuboids [PFK07]. Tubular
[AH11, SMG+13, WKB+13]. Tugging
[AMA11]. Tumor [KKMS11]. Tuner
[TWSM+11]. Tuning
[BSW12, LLL+12, MGJ+10]. Tunnel
[ZZM06]. Tunnels [BLG+16]. Turbine
[SOL+13]. Turbulence
[KLySK12, LPFQ14, TBR+12]. Turbulent
[HPAW07, LBM+06, LSY+18, SW97].
Turnaround [NB95], turned [SBS16].
Turning [WLHD17]. TV [TKTN09].
TVCG [De 18b, Ano09a, Ano09c, Ano09e,
Ano11l, Ano13a, Ano13b]. Twitter
[TKE16]. Two
[CF10, GLX17, GGZ+18, HMBG01, JDL12,
KBE+18, KRHH11, KBBH13, KCP508,
LVRH07, LTKF08, MPT03, PSN10,
VHLL14, WHK15, ZC06, HSKH07].
Two-Character [KCP508].
Two-Dimensional [JDL12, KRHH11].
Two-Level [HMBG01, LVRH07].
Two-Manifold [KBBH13]. Two-Pass
[MPT03]. Two-Phase
[GLX17, KBE+18, PSN10, ZC06].
Two-Stage [GGZ+18]. Two-Way
[LTKF08, VHLL14]. Type [LBBH14, MS18a].
Typed [FMH08]. Types [BC18b, RESC16].
Typographic [AMJ+12]. Typology
[BM13, ERLW18].

Ubiquitous [BFE15]. Ugly [BTS+18].
Ultra [FSTG16, KWDG11, YDG+16].
Ultra-Compact [YDG+16]. Ultrasonic
[PH07]. Ultrasound
[HQS18, WKS05, zBBKN14]. Unambiguous
[BRH+17]. Unaugmented
[LBHW18]. Unbiased [YWVW14].
Uncalibrated [SM09, WLDW11].
Uncertain [FKLT10, GHP+16, LCP+13,
PMW13, SE17, SNG+17]. Uncertainty
[AE13, ASE16, BBIF12, CZC+15, FBW16,
GSDW18, GBP+13, GR04, GBFM16,
GHL15, HLNW11, HKKS18, LFLH07,
LLZ+16, LBR+17, LLPY07, MRO+12,
PH11, PRH10, RWG+12, SHM10, SSK+16,
SZB+09, SZD+10, SKS12, SDW11, SPB08,
TK14, TvET14, WMK13, WPL96, WYM12].
Uncertainty-Aware
[CZC+15, LLZ+16, PRH10]. Uncluttered
[WJR+13]. Uncluttering [FT09].
Unconstrained [THV+14]. Uncover
[GdBG12]. Uncovering [DBB10].
Underestimation [HUPS14].
Underexposed [ZNX16]. Understand
[GGZL16, LLB+12, IWD+17, WGY18].
Understanding [AAB+13, BCH+13,
BZS+13, CLT+11, DSC+08, FLF+11,
GWP+16, HDR+13, LBM+06, LXG+17,
LDM+18, LBLE+14, LODH16, MRH+10,
MGJ+10, NXW+16, UDSL18, VFR13,
WLJ+12, WCMB07, WWS+16, YASJ07].
Unfamiliar [LKH+16]. Unicube
[HWL+11]. Unified
[CM16, DVCD07, GLX17, KYK11, MFS+09,
RDB+12, Sil95, TMWS13, WWS+18].

Uniform
[BTU14, LLLH17, NO97, ONL+12, ZYS05].
Union [DN13]. Unit [MGJ+10]. Units
[tCMR08]. Universal [vdZCT16]. Universe
[FH07, GB08a, MOC+14]. Unobstructed
[CBB+13]. Unsteady
[BS95, FC95, FPH98, GZL+14, GHP+16,
HNW11, HLG+14, JEH02, LM05,
SWCR15, WSH07, WSE07, WGS07b].
Unstructured [CIC05, CBPS06, CDW+04,
CDSW04, CHM11, FPG17, FBM16, GJ10,
Har16, KM96, MJK06, MEB+14, MHDH07,
RL08, UMS96, USM97, WMS98].
Unsupervised [KEV+18]. UnTangle
[CLG16]. Untangling [DW-W12, RD10].
Untapped [HFM16]. Unwrappable
[FWQ13]. Upper [MZI+08]. Ups
[VB18, LLLN14]. UpSet [LS+14].

Urban [CWS+16, Chv+18, DZM16,
DFD+14, FPV+13, HZM+16, MLD+17,
OSS+17, PY09, QWC+09, SYZ+18,
SWF+16, VABW09, WZ+16]. Usability
BDD+16, BMW17, BSV11, BHSH15, CGL+17, CWT+08, CYB08, DZMQ16, DT10, Eh95, GMD+16, GSCI15, GNDV+18, GGZ+18, HKYM17, IF97, JKM01, KCPE16, LYY+16a, LS13b, LL14, LSY+18, MSA17, NXSL13, OKSK16, PSKN06, PKL+18, PW12, RB07, RB18, SSV18, SSW18, TC09a, TW18, WWB+13, WSYM17, WAG+12, WMA+16, WS09, WZP+11, YHLJ08, YYFX18, ZHZ16, ZWC+16, ZNX16, ZKK02, vEdW14, vLBR+16.

**Vials** [SAB+16]. Vibrotactile [LBHW18, dJOBNM17]. Video [Ano14b, BC18a, BBS+08, CBH+06, CCL+16, CRH05, DFG+14, DTW+15, FH06, FR13, GSPJ08, HB14, HKH+12, KBD+11, KCWI13, LJJ+18, LCP+13, LPS+13, LGYG12, LLY+13, LDX10, LZW+13, LXT18, MI13, MFZ+17, NXSL13, OH12, PLC+11b, PZ07, PWG17, Rob98, RSSA08, RG95, SJL+18b, SBE+15, SJK+12, TTY05, TUG17, WBK+08, WLHL13, WLT+18, WLH+12, YLK12, ZHQ+07, ZNX16, ZLK+18]. Video-Based [FR13, ZLK+18]. VideoPlus [Tay02]. Videos [ARL+17, RPAC17, SZN+18, WKB07, WBK+08, WCW+16, ZDJ+09]. ViDX [XMRC17]. View [AS08, BH07, BNTM16, CLW18, DTT+17, FNMI13, GLRHI3, GR15, GY02, HSHI10, IYS13, JS06, KLMA10, KERC09, KNO15, LP02, MS18a, MCHM10, MGJ+10, MTB17, MSN+11, PD04, PBK+12, RBK+15, SM09, SOS+17, TEC+16, TLS17, Wah14, WC09, WC10, WKME03, YSGM05, ZEC08, Zhu05]. View-Dependent [GLRHI3, GY02, HSHI10, KNO15, LP02, MCHM10, PD04, TEC+16, TLS17, WC09, WC10, YSGM05, ZEC08, Zhu05]. View-Independent [SM09, WKME03]. Viewable [OHH06]. Viewing [BHW06, IDW+13, KBKG07, LH11, LLKN17, LDN11, LODI16, LSK+18, TKT09, TUG17, vWN04]. Viewpoint [IAIK16, JNC+15, LPS+13, LDX10, TMWS13]. Viewpoint-Dependent [IAIK16]. Views [BBHI17, BBDO6, BG06, CMP09, GKN05, HTC09, LBDO3, Lin16b, QH18, SZH+18, Wea10, WAGO6, ZAM11, vW06, vEdHbW14]. VIGOR [PHE+18].

**Virtual** [ANR+18, Ano12c, Ano14j, Ano14d, Ano14e, Ano15c, Ano16d, Ano16e, AM13, AS11, BGC+11, BAI3, BZS+13, BAP+17, BTB+04, Bil13, BL15, BPS13, BDH+18, BIPS12, BWL12, BR05, BC18b, CPG+15, CLW12, CCKP0, CPK+05, CR06, CVC+12, COMP13, CWC+06, CMP06, CLS13a, DS17a, DS18, DV95, DJK+06, DL12, DRHK07, DDKA06, ERL+13, ESV98, FK16, FS14, FJ07, Fuc13, GLM+17, GPL+13, Ger17, GWP+18, HK10, HBJP12, HSR18, HWHK16, HSR19b, HHCL01, HMT10, HSH04, HLR+12, HTB14, HK16, HR11, ILMH12, INCB18, JBS+18, JAA18, JPD+18, JAM+14, JSB13, JWEL05, KHH14, KBS13, KPBL16, KCT+17, KKL11, KYT+18, KKP08, LCP+18, LKC09b, LY+10, LBHW18, LLQ+17, LSN09, LIM+12, LSB+16, LV12, LWP+06, LDR00, MWC06, MY13, MBZB12, MRR+15, Meh17, MF11, MLS18, MT01].

**Virtualized** [SVDBLM11]. Views [ANR+18, Ano12c, Ano14j, Ano14d, Ano14e, Ano15c, Ano16d, Ano16e, AM13, AS11, BGC+11, BAI3, BZS+13, BAP+17, BTB+04, Bil13, BL15, BPS13, BDH+18, BIPS12, BWL12, BR05, BC18b, CPG+15, CLW12, CCKP0, CPK+05, CR06, CVC+12, COMP13, CWC+06, CMP06, CLS13a, DS17a, DS18, DV95, DJK+06, DL12, DRHK07, DDKA06, ERL+13, ESV98, FK16, FS14, FJ07, Fuc13, GLM+17, GPL+13, Ger17, GWP+18, HK10, HBJP12, HSR18, HWHK16, HSR19b, HHCL01, HMT10, HSH04, HLR+12, HTB14, HK16, HR11, ILMH12, INCB18, JBS+18, JAA18, JPD+18, JAM+14, JSB13, JWEL05, KHH14, KBS13, KPBL16, KCT+17, KKL11, KYT+18, KKP08, LCP+18, LKC09b, LY+10, LBHW18, LLQ+17, LSN09, LIM+12, LSB+16, LV12, LWP+06, LDR00, MWC06, MY13, MBZB12, MRR+15, Meh17, MF11, MLS18, MT01].

**Virtuality** [RRD+13].
Vis-A-Ware [OSS+17], VIS-STAMP [GCML06], VisHeritage [KLYE13], VisBricks [LSS+11], VisComplete [Koo08], Viscous [BK17, PT17], VisDock [CPW+15], VisFlow [YS17], VisGets [DCCW08], Visiting [OSS+17], Visibility [CICS05, COCSD03, CF10, CMSW04, CM11, Dac11, FWT+04, HXF+15, KS01, KJL+12, KKCS08, LRPF97, LSS13, MAST16, OSS+17, PPZ+12, Ste98, WC13, ZSBW08, vRKEE17], Visibility-Aware [OSS+17], VisibilityCluster [WC13], Visible [IIS14, KS00a, KS00b, MCP+06, TSB+05], Vision [CK16, CWC+06, DH08, EIKS18, MDF09, MFO10, OTK515, RASSA08, SS95], Vision-Based [DH08], Visiting [GB08a], Visitor [LWD+17], Visitors [MLMF12], ViSizer [WLLM13], ViSlang [RBG14], VisLink [CC07], VisMashup [SLA+09], VisMatchmacher [LWZQ17], VisOHC [KKL+16], Vispedia [CWT+08], Visplause [ASMP17], VISPubdata.org [IHK+17], VisTiles [LHD18], Visual [AHSS14, AJDL08, AABH+16, AMM+08, AAMG12, AAMH13, AH14, AH10G10, AABW12, Aon12g, ASMP17, AERA14, AIS18, BW14, BDF16, BBD+11, BTC13, BKW16, BHZ+18, BAAK+13, BI12, BBG+09, BJK+16, BAF+13, BARM+12, BPS+13, BBDF12, BBD+16, BIS14, BC12, BSG+09, BM10, BSWL12, CDDS18, CGSQ11, CWZ+14, CSL+16, CLG16, CLZ+18, CGM+17, CWT+08, CBH+06, CCM+14, CYW+16, CCL+16, CXR18, CHW+18, CVG13, CDF14, CDW+16, CORLS96, CMC06, CLB11, CCM12, CFE17, DVF+18, DLW+17, DSG+17, DGWC10, DR08, ERLW18, EiC00, EASS+18, EDF08, EHRF10, EDF11, EGG+12, ErT10c, EBB+15, FHKM17, FKL10, FPV+13, FMH08, FHC+09, FZCQ17, FWG09, FBVM16, GFG+14, GBPW10, GKL+13, GJZ+12, GS14, GHL18, GLG+13, GS06, GRVE07, GBFM16, GHL15, GXZ+18, GDBK17, HSCW13, HWHK16, HEFR18, HSR13a, HKR+08, HE12, HKBE12, HKHE16, HEG+17, HLRC+12], Visual [HWB14, HFC+12, HM+14, HV+U+18, HSTD18, HTA+15, HZM+16, HAS11, HOGJ13, HVF13, HJC14, IDA+14, IFP+12, JER16, JBMS09, JFS16, JA0+14, JE13, JYC+10, KAKC18, KG+10, aKGS11, aKSI2, KLYE13, KBE+18, KNR17, KLM+08, KMDH11, KH13, Koi02, KRTvW06, KV08, KL+09, KKP+17, KOJL+14, KBE11, KJW+14, KDM+16, KMG+06, KBHM06, KSD14, KPS16, KS02, KTE15, KSBE18, KG06, KW13, KHSW17, KKL+16, KEV+18, LSSB12, LBS13, LMK07, LHD18, LR+13, LCP+13, LGM+18, LBK+18, LXC+17, LWCC18, LLB+06, Lin16b, LSS09, LS10, LH14, LS16, LYW+16, LWL+17, LDM+18, LXL+18, LBT+18, LG12, DSC+16, LFA+16, LDFZ14, LWM18, MWSJ14, MRO+12, MRH+10, MPP+13, MHS07, MEV+14, MRSS+13, MMT+14, MWC06, MKN+07, MMH+13, MPWG12, MGJ10, MGK09, MGJ+10, MGS+14, MES+11, MBH+12, MPOW17, MW13, MAAB+18, MGM09, MZC+16, MTRP10, NHB+17, NHEM17, NSN14], Visual [OJ15, OBJ16, OSSK12, ODH+07, PBN+13, PSSC17, PFP+11, PSPM15, PSTW+17, PKG16, PKL+18, PGP+13, PVF13, PQF+09, PLvdM+17, PRH+18, PEH+18, PTMB09, PDW14, PSM12, PB16, POM+09, PV06, QCX+07, RBR+15, RWF+13, RFL18, RLA+13, RNE+17, RM15, SSS+14, SSK+16, SBS+17, SKBE17, SNLD06, SGB13, SZK15, SHB+14, SW13, SMER06, SWY+17, SYZ+18, SB+18, SPN+16, SKU+12, SYS+06, SLK+17b, SLMA06, SS18, SWS+11, SPG14, SSL+12,
SGPR18, SWL+14b, TAE+11, TKE16, TBHC16, TVET14, TFJ12, TWSM+11, TSD09, TFH11, TLLH12, TSH+14, USKD12, USDL18, VAS16, VJC09, VS+13, WDC+18, WCR+11, WS06a, WK13, WZWDV13, WYL+14, WM16, WFW+17, WYGYS18, WCC+18, WV08, WEA09, WEA10, WCR+18, WAG06, WFM+06, WFC+06, WDCS07, WXC+08, WCQ+09, WLY+14, WPZ+16, WXZ+16, XCH+14, XZM17, XXW+13, XMRC17, YR17, YHW+07, YSD+17, YDC+14, YRWC13, ZMH+09, ZYM+14.

Visual [ZM15, Z17, ZHF+07, ZCW+14, ZSCC18, ZWC+18, ZK08, dOL03, vW11, vDHEB16, vLBR+16, LSC08].

Visualisation [ED07, GMD+17, KKC15, YDGM17].

Visualization [AvH06, AL06, AJ08, AMJ+12, AZM12, AD12, AJ17, ADG11, ALBR16, AHK+17, ARB07, ARRC11, AHKMF11, AR17, AWC10, AH11, ANO10c, ANO10d, ANO11i, ANO11c, ANO11d, ANO12h, ANO13j, ANO13k, ANO13c, ANO13e, ANO13d, ANO13f, ANO14c, ANO14j, ANO14k, ANO14l, ANO14g, ANO14f, ANO15a, ANO16f, ANO16a, ANO16k, ANO16l, ANO16b, ANO16c, ANO17e, ANO18a, ANO18b, APS+14, ABO1, ASE16, AMB+13, BRH+17, BW08a, BFE15, BRT12, BB07, BCH+13, BE18, BKDE00, BGOJ16, BMW06, BI12, BBJ+12, BBW+17, BZGV14, BLLS17, BVW+07, BAB+18, BSL+12, BARM+12, BYB+13, BB+13, BBK+16, BSR+14, BH09, BBS+08, BSL+14, BEJK12, BRBF14, BEDF16, BHTY15, BVPTR09, BM13, BE09, BPS+11, BGM+17, BMW17, BFTW09, BvL06, BV+11, BTJ+13, BAW16, CR08, CDC+07, CSL+10, CFM+13, CCH14, CZ11].

Visualization [CQ15, CWK+07, CBH+06, CYB08, CWDH09, CJ10, CCAL12, CZC+15, CG16, CDL+16, CLC+15, CR106, CCQ+14, CPW+15, CFHH09, CMPS07, CDM+04, CwW11, CDF09, CW11, CSC06, CM09, CDM+06, CRB+05, CZQ+08, CRPH10, CMP14, DK11a, DPW+15, DSSK08, DBM+06, DDW14, DBH14, DZMQ16, DFQ12, DGDGL07, DGBW09, DBW11, DPR00, Dii17, DBD17, DK11b, DLR09, DTW+15, DWBR06, DCH+17, DRM13, DB07, DWS10, ES01, Ebe17, EGH+06, EDF08, ET08, EF10, EHP+11, EMDP+15, ESN+09, FWD+17, FBP17, FKR17, FCL09, FC95, FSE12, FSM14, FTES13, FH07, FH16, FM04, GGH107, GJ10, GNBP11, GLvP+12, GGJ+18, GLH+14, GHGM06, GNSP+14, GJC+17, GDJ+13, GLK+13, SWD18, GABJ07, GABJ08, GGA+11, GHL18, GTS10, GTS11, GRS95, GMM05, GKM95, GBM+12, GKM+15, GYO2, GST16, GCM06, Guo09, GMY11, GXY12, GGZL16, GLX+18, GKK+12, HBJP12].

Visualization [Hag98, HHO+17, HVY16, Han16, Han18, HM95, HBB16, HW12, HKQ13, HE09, HKR+08, HE12, HD12, HA06b, HMDA08, HB10, Hee18, HP04, HSQ+06, HA04, HPA07, HF07, HMM00, HSS16, HAB14, HSC08, HLWN11, HHH+12, Hol06, HZH14, HRN+06, HPAC+13, HTA+15, HD11, HDT+13, HEF+14, IPD+07, ICO7, IDW+13, IIC+13, IHK+17, IIS+17, IY1K04, INCB18, JHKL13, JEG12, JWSK07, JBS08, JHH+10, JKM01, JKM06, JKJTM06, JKM07, JFTW07, JB09, JPLS16, JHG08, JHE02, JCG08, JH09, KMS09, KPHH12, KSG+16, KCJ+10, KHE09, KM+08, KERC09, KH13, KI00, KI02, KHS+18, KOC12, KOC14, KKSS13, KV06, KZD+10, KJW+18, KHR18, KW06, KS14b, KCS+16, KAK+18, KWDGI11, KBH+10, KBV17, Koo08, KLL12, KJG09, KBE09, KKKW05, KSW06, KHH+16, KLM16, KCM18, LBS14, LK105, Lam08, LBI+12, LS07a].

Visualization [LVHR07, LCMH09, LVWJH04, LHH+12, LLL+12, LGV+16, LTHF17, LSO9, LIRC12, LSS13, LKH+16, LKK17, LKWHW04, LLT04,
Visualizing
[AWHS16, AK02, AABS+14, AW14, Bac07, BHS12, BS05, BPP+16, BMGK08, BSSB10, BE05, BHP+12, CQM10, DCRK09, DCK+12, FTM+13, FLF+11, FNM13, FS04, GKN05, GHA+08, Gle18, GDST16, GBP+13, GIK+07, GGPPS13, GZL+14, GPP+16, HHHW02, HHHZ17, HWS17, IML13, IBJ+14, IWSK07, JHP+14, JM10, JCRS09, KIL07, KHDLO7, KLC08, KRH18, KBI+18, KSSW09, KM06, KTB+18, LMZ06, LMB+12, LAK+11, LRKC10, LPK+13, LFLH07, LFH08, LMW+17, MRSS+12, MKH12, LMCM16, NIS+18, NBJ09, OHWS13, PFK07, PMW13, RFT17, RSOW18, RSA08, RM13, SSMG13, STM17, STS06, SBV+11, SKM98, SM06, SK09, SWL+14a, SW97, STM08, SGAS16, SAB+16, Sun03, TRd12, TTS10, TIS07, VRW13, VBW16, VvWvdL06, WHZ+18, WIl18, WPL96, WSW+18, WYM12, ZFA+14, ZDL03, ZCL09, ZWJZ12, ZWR14, vLdL03].

Visually [DYW+13, DGBG12, LKC09b, Lyk12, MOC+14, PSG16, PIS15, QM16, WCS+18, YLZ+13]. Visuo [CGB+13, EPS+15]. Visuo-Haptic [CGB+13, EPS+15]. VisWeek [Ano12q, Cox11, Cze12, Fra12, Heg10, Sia10, Tha11].


VLAT [LKK17]. vLOD [CPK+05].

Vocabulary [TWSS16]. Voila [CLZ+18].

Vol [Ano14c, Ano15a, Ano16f, Ano16a, Ano18a, SB17]. Volume [AWC10, ASW13, AD16, AZD17, AGDJ10, Ano09b, BRS18, BLM96, BMD05, BMWM06, BHBW07, BJNN08, BG06, BGKGO6, BKWO8, CR08, CIC05, CBPS06, CQC+08, CWM+09a, CYZ+09, CC11, CCQ+14, CMP097, CDM+04, CHF95, CH06, CML+12, CMSW04, CSC06, CM08, CM09, CHM11, Cs06, DSP+17, EMRY02, EJR+14, FM07, FM12a, FM12b, FAW10, FE17, FH16, FMST96, GMD+16, GMS+07, GHGM06, GAM10, Guo95, GMY11, GXY12, GWK12, HLR+08, HBPJ12, HAAB+18, HBG11, HWHK16, HMBG01, HLM10, HA04, HLY10, HM14, HBC12, HZM13, HZH14, ISC07, IYK01, JV09, JH09, JKRY12, KSH03, KOC14, KKS13, KWP01, KV06, KMKY10, KWH09, KISE14, KHM+98, KKH02, KPH+03, KHS07, KH+09, KJL+12, KKPS08, LBG+16, Lac96, LSSB12, LBS13, LBS14, LCMH09, LGM+08, LYS+10, LS13a, LR11, LLRR08, LCPD13, LWP+06, LTP+05, LM02, LLY06]. Volume [LLPY07, MB18a, MD10, Max95a, MB18b, MAW11, MH1D11, Mua95, NK14, NJ16, NvdV00, PMP10, PLL+99, PK16, PHF07, PFK+08, PRH10, RSB96, RBG07, RPS09, RLNN11, RE01b, RDB+12, RLO8, RZNS04, SE17, SWB+00, SYM14, SM17, SMP11, Sel15, SZN+18, SKM14, SNC+09, SK00, SB17, SYR11, SG+11, TTD+12, TCM10, TLM05, VKG05, WS06a, WGS07a, WM08, WCZ+11, WWLM11, WK13, WDC+07, WEE03, WKZL04, WMS98, WQ07, WK1+17, XY+11, YS95, YLX+12, YL95, YNCP06, ZM13, ZDM13, ZXM10, ZAM11, ZWM13, vPvdW10].

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**Zhang:2014:DDS**


**Zheng:2016:EIR**


**Zhang:2006:GDP**


**Zhang:2013:LDG**


**Zhang:2017:QVI**

Yifan Zhang and Ross Ma-

**Zeng:2010:SPC**


**Zachow:2009:VEN**


**Zhang:2015:VCA**


**Zhang:2016:UVE**


**Ziemkiewicz:2013:HVL**


**Zheng:2005:TLT**

Xiaqiang Zheng, Beres-

**Zhang:2004:NPM**


**Zhang:2011:OPR**


**Zhao:2018:BVE**


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