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Title word cross-reference

1 [TWSM17]. 2 [AH11, BSW⁺12, BCK⁺12, GBS19, GST14, GT16b, GLX⁺16, HCGW14, HRRR18, HL15, HYL⁺15, JWH19a, KKBJ16, KCL⁺18, KG19, LJB⁺12, LWS18, MBES16, NBHN17, OM13, OW19, OGHT10, PCX⁺18, PW12, PPBT12, PEPM12, RGG18, SW10, Sch11, SK16a, SSS⁺12, STP17, WZL⁺12, WRS⁺13, WGS10, YFW12, ZRLS19, dGCSAD11, dGLB⁺14]. 3 [ADMAS18, ASH15, Att15, ATF12, AH11, AKM16, ARG⁺16, BSY⁺19, BCBB16, BCK⁺12, BLS⁺17, BHMT13, BdM14, BL18, CS16, COO15, CYY⁺11, CNKI13, CHWL19, CACB18, DDÖ⁺17, DS11a, DGR⁺14, DER⁺10, DMS14, EHH19, FHE19, FW17, GS14, GRT14, GLX⁺16, GTB14, HT11, HMTH13, HRRR18, HL14, HL15, HMW⁺15, HBO⁺10, HFL12, HKM15, HCSC16, HAGO19, JH15, JJKL18, JLW10, JL19, KZB19, KKBJ16, KFW19, KLTZ16, KCH⁺18, KGP⁺12, LSF⁺11, LT17, Lav11, LCSL18, LOM⁺18, LDGN15, LLLY19, LGK16, LAFT12, LTX⁺14, LTR19, LEM⁺17, LN17, MHS⁺14, MGY⁺18, MCHW18, MGG10b, MbMYR15, MCG⁺19, MPWC13, MEKM17, NWHWfD16, NW17, NRM⁺12, NRP11, NREM14,

ORT18, PBMG15, PSCC18, PB11, PEP^{+11b}, PGK10, POG13, PS10, PBC⁺¹⁶, RXX⁺¹⁷, RKSA17, RI17, RAMG15, RBRY19, RLYL14, SLB⁺¹⁸, SY14a, SYM10, STKD12, SXY⁺¹¹, SN12, SK17]. 3
 [SGS14, STC⁺¹⁶, SJW⁺¹¹, SJWS13, SBL12, TDS⁺¹⁶, TWS⁺¹¹, TSW⁺¹⁹, TTB12, TBTB12, VGB^{+14b}, WL10, WCT⁺¹⁵, WZK16, WLL⁺¹⁷, WLJ⁺¹⁸, WBAI19, WMXC19, WXW18, XXLX14, XXS⁺¹⁵, XSQ13, XSX⁺¹⁴, XXY⁺¹⁸, YLLL15, YHL⁺¹⁶, YL11, ZZH15, ZZWC16, ZKWG16, ZWHK16, ZTG⁺¹⁸, ZSG⁺¹⁸, ZJC13, vMRBPM17]. 4
 [AKS⁺¹⁹, CVCH14, CRC⁺¹⁵, HRS18, KPG⁺¹⁶, KBvP⁺¹⁷, KGGP18, LWL^{+16a}, MKP⁺¹⁶, WH17a, ZFG⁺¹⁷, dHvPJV14, vPJtHRV12]. *F* [vdCvW16]. *I* [vdCvW16]. *A* [KP15]. *α* [CD10]. *B* [CBV⁺¹⁴]. *C*¹ [WGS10]. *C*² [KP18]. *ℓ*₀ [WZL⁺¹⁷]. *ℓ*₀ [BSH15]. *G* [MIGMM17]. *G*² [KP11, SV14]. *k* [FKSS13, MSAP15]. *kd* [CCI13, HH11]. *L*₀ [WTL15]. *L*₁ [WZCF15]. *N* [DVPSH14, TPSH14a]. *O*(*n*) [Gov19]. *t* [RBMS17]. $\tau\epsilon\chi\nu\eta$ [Duc14].

-Buffers [MIGMM17]. **-Continuity** [WGS10]. **-D** [EHH19, PCX⁺¹⁸, SW10, SY14a]. **-Distribution** [RBMS17]. **-Means** [FKSS13]. **-Minimization** [BSH15]. **-PolyVector** [DVPSH14]. **-rep** [CBV⁺¹⁴]. **-shapes** [CD10]. **-Sided** [TPSH14a]. **-Sparse** [MSAP15]. **-Tables** [vdCvW16]. **-Tensor** [dGLB⁺¹⁴]. **-tree** [CCI13, HH11]. **-Valent** [RKSA17].

11th [AJL⁺¹¹].

2009 [CSLG10, PS10]. **2010** [LF11, WBP11]. **2011** [Kuh12, LSF⁺¹¹]. **2019_editorial_v2** [CB19]. **2Brick** [KLC⁺¹⁵]. **2D** [NSC14, HBW11, LH11, MHDG11]. **2D-D** [NSC14].

31st [Ano10a]. **32nd** [Ano11c]. **33rd** [Ano12d]. **34th** [Ano13f]. **360** [XTZ19]. **3D** [Jac19, BLVD11, JTRS12]. **3D-Mesh** [BLVD11]. **3D-Model** [JTRS12]. **3D-Printed** [Jac19]. **3DOR'09** [PS10]. **3DOR'10** [DS11a]. **3DOR'2011** [LSF⁺¹¹].

4DCT [AAS⁺¹⁶]. **4PCS** [MAM14].

60km [HLH^{+16b}]. **60sec** [HLH^{+16b}]. **6DOF** [BH15, LAFT12].

8th [AJL⁺¹¹].

À-Trous [HDL11]. **Ablation** [RWS⁺¹⁰]. **Absolute** [GBS19, KRM⁺¹⁵]. **Absorption** [ACAA⁺¹⁹, BAO⁺¹⁹]. **Abstract** [BBP10, HW10, HKSK18, PBK10]. **Abstraction** [BFG⁺¹⁷, CNKI13, KNH⁺¹⁸, KK11b, MDI⁺¹⁸, PJR⁺¹⁴, SAMS⁺¹⁷, STKD12, SAAF18, vdZLBI11]. **Abstractions** [ARH12]. **Accelerated** [HPMB19, LBPH10, MS14, WSR⁺¹⁷, MAG19]. **Accelerating**

[BRDC12, BEM11, KTO11, LL18, RGG15]. **Acceleration**
 [AT10, GRDE10, LBPH10]. **Accelerator** [BAAM17]. **access** [ZFE16].
Accessible [RLH17a]. **According** [TX16]. **Accuracy**
 [CEX⁺18, GKB⁺11, KER⁺14, SSKB15]. **Accurate**
 [BSH12, BXH10, CP10, DZC11, ENMGC19, FH18, Hol15, Pat17, SDMS15,
 SPSK13, TPSH14b, YZXW12, YWF⁺19, DCV14, LN18, SPCR14]. **ACM**
 [CSLG10, DS11a, ID10, IC11, LSF⁺11, PS10]. **Acoustic** [HHD⁺12].
Acquisition [BPW14, CML⁺12, CMF18, DSY10, GGG⁺16a, KB⁺14,
 LDW⁺10, LPG19, LDY10, MPM⁺14, VF16, WZ15, YHL⁺16]. **Across**
 [AKS⁺19, BJG⁺15, KZZM12]. **Active** [BZL⁺18, CKH19, ZZZ⁺19].
Activities [GSHM10]. **Activity** [APH⁺12, CD18]. **Activity-Led** [APH⁺12].
Actors [GVS⁺15, KGRG17]. **Actual** [KUMY10]. **Actuator** [dSNV⁺17].
Adaptable [LCC⁺18, RSSL17, ZHK15]. **Adaptation**
 [GRC13, LGW18, FHE19]. **Adaptations** [ARM⁺15]. **Adapted** [ZSS17].
Adapting [GLK16]. **Adaptive** [AHTAM14, And12, BYM18, BBH13,
 BXH10, BHU10a, CWW⁺11, CZY11, DMNV12, FHHJ18, GPK⁺12, GCSA13,
 IFL13, JZYP18, KL14, KH19, KBT⁺12, KKR18, LGP14, LPD14, LIK19,
 LXY19, LMPS16, MWN⁺17, MHK⁺19a, NGM14, OK12, PGSD13, RCB11,
 REH⁺11, RAMG15, RÖG17, SVLL10, SO12, SKSS14, SGEM16, TSdSK13,
 XSXM13, YIC⁺11, ZZWC16, ZJL⁺15, vTKP11, FCS⁺16, SXLS19].
Adaptively [And10]. **Adding** [BB17, SSJ⁺10, WYKR17]. **Additional**
 [ABK⁺19]. **Additively** [Man16]. **Adjacency** [DRW15, MR17]. **adjacent**
 [SZ18]. **Adjoint** [HO17]. **Adjustment** [AP10a, LM10, LCG10]. **Advanced**
 [KG18, UBH14]. **Advances** [Cas12, GI18, JH15, KRP⁺15, ZJL⁺15].
Advantage [KMJE12]. **Advedcted** [WHT12]. **Advection**
 [AVBC16, KSW⁺12, YMM10]. **Advection-Based** [AVBC16].
Advection-Diffusion [KSW⁺12]. **Advective** [HWK15].
Advective-Diffusive [HWK15]. **Adversarial**
 [CLGS18, SLCL19, WGW⁺19, WLZX19, XHW⁺18, ZLZ⁺18]. **Aerial**
 [ACA18, YXHH18]. **Aesthetic** [Gda17, KM16, OM13]. **Aesthetics**
 [DH16, ID10, IC11]. **Affine** [BLTD17, Vax12]. **Affine-Kernel** [BLTD17].
African [GSHM10]. **Afrigraph** [GSHM10]. **after** [MGN17, SHZD17].
Afterimages [RE12]. **Again** [GLG⁺16]. **Agent** [LCM⁺18]. **Agent-Based**
 [LCM⁺18]. **Agents** [LPSV14, RPA⁺15]. **Agglomerative** [DCYG19].
Aggregate [BNH⁺16, KCH19]. **Aggregates** [SM14a]. **Aggregation**
 [HBW11, LH11, MMV⁺13, MHDG11, ZAM⁺16]. **Agile**
 [BH15, LMLG15, LMPD15]. **Aging** [IGAJG15]. **Ahead** [HCBW19]. **Air**
 [BJA⁺15, EHH⁺13]. **Airline** [RPMO13]. **al** [BPY16, ERA⁺16, Man16].
Albedo [GMD10]. **Albero** [DPD⁺17]. **Album** [ZH12]. **Albums** [RGM⁺18].
Algebra [SAD⁺16]. **Algorithm**
 [Cet19, EMP⁺12, GKLS19, Gov19, LCDW16, LS15, OM13, PM16, SB13,
 SAAB11, TTN⁺13, TBKP12, WZKP14, JCT14, LCLJ10, MSW19, ZJC13].
Algorithms
 [AGR19, BZL⁺18, CDSS14, CJWL19, FMH16, FEM⁺19, GI18, HH11, HSS17,

KS13a, Meu19, SSO⁺¹⁰, SLD⁺¹⁷, WH17a, DFIM15, DMCN⁺¹⁷, EMU17].
Aliasing [AGJ12, DFY14]. **Aligned**
 [CK14, DLY⁺¹⁸, KCL⁺¹⁸, NZH⁺¹⁸, PWS12, TLRB18, WYKR17, WZG⁺¹⁹].
Alignment
 [AKM16, CIE⁺¹⁶, CRC⁺¹⁵, ESKBC17, GVS⁺¹⁵, SBC14, SDK⁺¹⁵, NNRS15].
All-Frequency [IFL13, MC10b, OPP10, IFDN12]. **All-Hex** [GSZ11].
all-scale [LN17]. **Alleged** [RPSF15]. **Alleviating** [BMS⁺¹⁰]. **Allocation**
 [DDH⁺¹⁸]. **Allocator** [VH15]. **Allometric** [MKR11]. **Along** [BJG⁺¹⁵].
Alpha [GO10]. **Alternating** [HCW17, KR19]. **Alternative** [EWK⁺¹³].
Ambient [LK10, LWDB10, MSW10, MBDC15, SGG15, Tim13, YWC⁺¹⁰].
Ambiguity [SJB⁺¹⁷]. **Ambiguous** [CD10]. **Ambrosio** [BCGL18].
AmniVis [NLB⁺¹³]. **among** [Man16]. **Amplification** [BDC18]. **Anaglyph**
 [LMSG16, SW11]. **Analogy** [MHS⁺¹⁴]. **Analogy-driven** [MHS⁺¹⁴].
Analyses [BMS⁺¹⁰, XBL⁺¹⁸]. **Analysis**
 [ASB⁺¹⁷, AHG⁺¹⁹, ACAA⁺¹⁹, AYLM13, AFK⁺¹⁴, AAS⁺¹⁶, ABG⁺¹²,
 ACC15, ACOHS18, AGCO13, BAT11, BSK16, BPW14, BH19, BDF⁺¹⁴,
 BPF11, BWM⁺¹¹, BCGS13, BSK⁺¹⁷, BMPM12, BHMT13, BvLBS11,
 BTB13, BHU10b, BTM⁺¹⁹, CT11, CHH⁺¹⁹, CD18, CGM19, CBK⁺¹⁷,
 CKGC14, CLCL11, CJZW12, CWL⁺¹⁵, CKH19, DAF⁺¹⁸, DW13, DI18,
 DPD⁺¹⁵, EKFM12, ERHH11, EHH⁺¹³, ER18, ESKBC17, EBC17, FR11,
 FKRW16, FEM⁺¹⁹, GM19, GHX⁺¹⁷, GMLMG12, GL12, GHWG14, HK12,
 HBRFP19, HRD⁺¹⁵, HCGW14, HZRS18, HCW17, HG18, HMP⁺¹², HFL12,
 HSvK18, HKM15, HO17, JFCS17, JE13, JKK⁺¹⁸, KCJM16, KBL19,
 KMAB15, KFH10, KBHM15, KLCF10, KCA⁺¹⁶, KFM⁺¹⁹, KASH13,
 KVD⁺¹⁰, KKL^{+16b}, KTW⁺¹³, KSKL13, KBÖ⁺¹⁴, LCP⁺¹², LSS⁺¹²,
 LZW⁺¹³, LMG^{+18a}, LB19, LFS⁺¹⁵, LWT⁺¹⁵, LA15, LJC17, LJLH19,
 MJK17, MPM⁺¹⁴, MGB⁺¹², MRCB18, MC10a, MLD⁺¹⁸, MHHH15, NHL16].
Analysis [OAM⁺¹⁸, OGW19, OT12, OBCCG13, OMPG13, PSPM12,
 PPW18, PGS⁺¹⁶, Pat16, PPY⁺¹⁶, PDC⁺¹⁹, PPBT12, Pos11b, RCMM⁺¹⁶,
 RPK⁺¹², RL14, RHM⁺¹², SHSK16, SPB⁺¹⁷, SvW13, SXY⁺¹¹, SV10,
 SSM12, SMJ17, SÖA⁺¹⁹, SvL16, SGB13, SS15b, SBM⁺¹⁴, SJW⁺¹¹,
 SMB⁺¹⁷, TFA⁺¹¹, TPRH11, VHG⁺¹⁸, WXL⁺¹¹, WMZ12, WCB15,
 WHP⁺¹¹, WAF⁺¹¹, XDC⁺¹³, XKHK17, YKS⁺¹⁹, YPF19, YNM⁺¹³,
 ZAM⁺¹⁶, ZSL⁺¹⁷, vLKS⁺¹¹, DFIM15, KGGP18, NGM14, NNN11, SNJ⁺¹⁴].
Analysis-Oriented [MC10a]. **Analytic** [AGJ12, AWJ13, BH19, EHH19,
 HC14, MS13, MRMH12, MMG10, NBMJ14, Ste19, TBTB12]. **Analytcs**
 [ARRO⁺¹⁷, ALA⁺¹⁸, BEF17, BLY⁺¹¹, BJA⁺¹⁵, CWGvW19, CHH⁺¹⁹,
 CBK⁺¹⁷, CLY17, CE19, DI18, DPD⁺¹⁷, DWT⁺¹¹, EASKC18, ERT⁺¹⁷,
 HSK⁺¹⁰, HJM⁺¹¹, KMJE12, KWS⁺¹⁵, KHI⁺¹⁹, LGH⁺¹⁷, LRB⁺¹⁵,
 MHK^{+19b}, OSR⁺¹⁴, PZDD19, RSM⁺¹⁶, RvdHD⁺¹⁵, RCMA⁺¹⁸, RMM15,
 SGS18, SHP⁺¹⁹, WDC⁺¹⁰, ZAM⁺¹⁶, ZCW⁺¹⁹]. **Analyzing** [BAO⁺¹⁹,
 JL17, KMJE12, LKZ⁺¹⁵, LMA⁺¹⁸, RXX⁺¹⁷, SHS⁺¹⁷, WDM⁺¹², WH17b].
Anatomical [DMNV12, GRP10, ZHK15]. **Anatomy** [NJB⁺¹¹].
Anatomy-Guided [NJB⁺¹¹]. **anchored** [SHS⁺¹⁷]. **Anchors**

[SFLP18, WSK⁺19]. **Android** [LFC14]. **Aneurysm** [SLB⁺18, vPGL⁺14]. **Aneurysms** [LMW⁺19, MVB⁺17, NJB⁺11, NLB⁺13]. **Angiography** [SSM12]. **Angle** [AVR10, Gam16, VR12, SHD16]. **Angles** [SK16b, XYLY19]. **Animal** [DHS⁺13, GKPL11, SvL16, WPP13]. **Animals** [KKBJ16]. **Animated** [BSAP11, GEY12, GRR⁺16, KSO10, KCH19, KFA⁺10, KFA⁺14, LS10a, LGP14, LLD10, SC16, SO10, TTB12, XSQ13, YYG18]. **Animating** [GRP10, PNVS17, SJ13a]. **Animation** [AW13, ARG⁺16, AO13, BYL16, BSC16, BS19, BTST12, BM15, BBL12, CH12, CTL13, CKGC14, CZZ⁺18, CYI⁺12, CNKI13, CKE⁺12, ECN14, GP12, GCY⁺14, HMLP13, HENfSYS16, HSmCY13, HSK14, HLL16, JCK⁺13, JK13, KL14, KSO10, KL19, KYC16, KS12b, LF11, LCSCO10, LXF11, LAFT12, MYGY19, MPP⁺13, MGC⁺16, MWTI19, OAO11, PHTB12, PMG13, RC19, RPPD17, SOC19, SKZF11, SCR⁺18, SMM13, SHS13, SBC⁺17, SJF11, TCLK12, TTN⁺13, TWT⁺16, TAAP⁺16, VVE⁺10, WPP13, WWS⁺15, WDAH10, XWG⁺13, XLL⁺10, YLHQ12, YMJ⁺17, YLRC10, ZLYL17, ZXTD10, ZLKW13, ZRJ⁺15, vBE11, AFHdL14, CIPT14, GDAU14, HNJ⁺14, JZW14, RTK⁺14, TPSH14b, TSK14, VB14a, VF14, WGO⁺14]. **Animation-Aware** [MPP⁺13]. **Animations** [BBT11, FLJ⁺14, MP10, NC10, GDAU14, VF14]. **Anisotropic** [BPY16, BMR⁺16, CG16a, CHK13, FV14, MYLZ16, MRMH12, QCW⁺18, SGW12, VF16, XYLY19, ZZCJ14, RGB⁺14]. **Anisotropy** [OBH⁺11]. **ANN** [TSPP16]. **Annotated** [KLTZ16, RAMG15, WTH⁺13]. **Annotating** [WCM15]. **Annotation** [HBRFP19, WTLY12]. **Anomaly** [SBM⁺14]. **Anonymized** [TLFC16]. **Anti** [AGJ12, DFY14]. **Anti-Aliasing** [AGJ12, DFY14]. **Antialiased** [EHH19]. **Antialiasing** [JESG12]. **Anticipating** [OGW19]. **Any** [MRL10, MFL13, Kur15]. **AOI** [BKW13]. **Aorta** [KPG⁺16, MKP⁺16]. **Apertures** [MPCG12, MRD12]. **Appearance** [ACG⁺17, BSH12, BBDA10, CRC⁺15, DKY16, DHI⁺15, GMM⁺12, GG15, GCGP18, HLR⁺11, JRJ11, KRP⁺15, LAS⁺11, LL19, LWB14, LPG19, MWS⁺16, MRMH12, MSHD15, MES⁺11, NSR17, NMM⁺19, OVB⁺15, PCDS12, PdMJ14, SPN⁺16, SKZ11, VAW⁺10, VF16, WRK⁺16, WW11, WDR11, WZ15, YLD⁺18, CVCH14, IMDN14, NNRS15]. **AppFusion** [WZ15]. **Application** [Deb18, HSK⁺10, HLJ⁺13, LFC14, YB18]. **Application-Specific** [Deb18]. **Applications** [AAS⁺16, BAA⁺16, BPY16, BCBB16, CDSS14, CG16b, DPD⁺15, EHH⁺13, FPC⁺16, FMH16, GI18, HWU⁺19, HBO⁺10, HGB⁺10, HSvK18, KH19, KCA⁺16, LCDW16, MWS⁺10, MPWC13, MLK⁺13, NWHwFD16, NK16, OLF⁺14, PP10, PW13, PDW⁺14, RPMO13, SBD15a, SSB⁺14, VBHH13, WDC⁺10, WJB⁺13, WBS⁺13, WD11, YNM⁺13, ZWRH14, ZTG⁺18, PHM⁺14]. **Applied** [WH17a, BHT19, KDCM14, YMM10]. **Applying** [SHP⁺19, XADR13]. **Approach** [AHMAM15, ABCCO13, BO19, BSAP11, BLW11, BBBL11, CWGvW19, CC14, DPD⁺17, ELM⁺12, FFN18, GLHH13, GD10, HJM⁺11, HJS⁺17, JBG17, JWL⁺13, KPRN11, KPNS10, KS10, KK18, Lai13, LDdLRB16, LMW⁺19, LZQ13, MÉR11, NBCW⁺11, OSR⁺14, PR19, PZDD19,

PC12, PNVS17, RCB^{+17a}, Ros13, SW10, SKZ11, SB19, Tak19, TMRL14, WHWB16, WLL⁺¹⁷, WLX19, WT11, WC16, WCH⁺¹⁵, YKM12, YWF⁺¹⁹, dGCSAD11, vdEvW13, GBM⁺¹⁹, PCBL16]. **Approaches** [AHG⁺¹⁹, CGM19, KCA⁺¹⁶, SDA⁺¹⁸]. **Approximate** [ENSD12, GRT18, HLS12, KS12a, RLH^{+17b}, SGS14, YB18]. **Approximately** [KLAB15]. **Approximating** [CG17, EDPB15, HMA15, NL13]. **Approximation** [BTP13, BSH15, CDSS14, KER⁺¹⁴, LK13, LPG13, MS14, MRL10, NBH18b, NL13, PPL13, PCDS12, SDS⁺¹⁶, SMP13, XTZ19, YYG18, HP11]. **Approximations** [BF15]. **April** [LSF⁺¹¹]. **ARAPLBS** [TE18]. **Arbitrary** [AASB14, CYC15, DHI⁺¹⁵, HH10, KFA⁺¹⁴, LK13, MG10, MMP16, NS11, WWH⁺¹⁰, CVDL16, VF14]. **Arc** [BSK⁺¹³]. **Archaeology** [AJL⁺¹¹]. **Architectural** [BKD⁺¹⁷, Hua17, MHA17, SMS⁺¹⁷, ZCX19]. **Architecture** [BAAM17, BP13, VOS⁺¹⁰, WDM⁺¹², DPW11, GGM12, SKK^{+14a}]. **Architectures** [LCDW16]. **Arcs** [SK16b, SWG16]. **Area** [CVJ15, GL12, GUK⁺¹⁷, KYM19, NM14, NPW10, UFK13, JZW14]. **Area-Preserving** [GUK⁺¹⁷, UFK13]. **Areal** [BMS⁺¹⁰, RHM⁺¹²]. **Areas** [SK16b]. **Arm** [NVH⁺¹³]. **Arm-Muscle** [NVH⁺¹³]. **Arousal** [KKL16a]. **Arrangements** [CML⁺¹², MMP16, ZCOAM14]. **Arranging** [YH13]. **Array** [JEK⁺¹⁹]. **Arrays** [BTS^{+17b}, FKR13, HGO18, PSHZ⁺¹⁵]. **Art** [AHG⁺¹⁹, AMA⁺¹⁶, BBT11, BFR17, BHP15, BCMP18, BRWM18, BCD⁺¹², CLLC15, DFIM15, ERT⁺¹⁷, FW17, GP12, GGG^{+16a}, GT18, KRP⁺¹⁵, KKF⁺¹⁷, KBG⁺¹⁵, KKL^{+16b}, KPK18, KLC⁺¹⁵, KYC16, LCCC13, LHT17, LKG⁺¹⁶, LGH⁺¹⁷, MFPA15, MGM⁺¹⁹, MKRE16, NSG11, NMSL19, NK16, Pat16, PP10, PVS⁺¹⁸, PPF⁺¹¹, RDGK12, RGG⁺¹⁴, SLE17, SRM⁺¹⁹, SPN⁺¹⁶, SLKL14, SB19, TDS⁺¹⁶, TAEE15, VCD⁺¹⁶, WWS⁺¹⁵, YIC⁺¹², ZTG⁺¹⁸, ZSG⁺¹⁸, ZJL⁺¹⁵, vLKS⁺¹¹, PDC⁺¹⁹]. **Art-photographic** [SLKL14]. **arterie** [KGGP18]. **Arteries** [DHS⁺¹³]. **Artery** [GOH⁺¹⁰, GHB⁺¹⁷, KPG⁺¹⁶]. **Articles** [CKH19, KvLB14]. **Articulated** [GHK⁺¹⁰, JLW10, LG13, MCH13, RF15, TST⁺¹⁵, WLZH17, WBM⁺¹⁸, YLX⁺¹⁶]. **Articulated-ICP** [TST⁺¹⁵]. **Articulated-Motion-Aware** [WLZH17]. **articulation** [TSK14]. **Artifact** [MM19]. **Artifacts** [BKM⁺¹⁹, GL10b, TMHD12, VCL⁺¹¹]. **Artificial** [dSNV⁺¹⁷]. **ArtiSketch** [LG13]. **Artistic** [CJZW12, KPD10, KS10, LLC13, SPN⁺¹⁶]. **Artistically** [CS16]. **As-Conformal-As-Possible** [YMYK14]. **As-Killing-As-Possible** [SBCBG11b]. **As-Rigid-As-Possible** [WCX⁺¹³]. **As-Similar-As-Possible** [CG16b]. **ASCII** [MFPA15]. **Aspheric** [JKL⁺¹⁶]. **Assemblage** [GDG12]. **Assembly** [Jac19, MRS18, NJGW15, TWT⁺¹⁶, XXM⁺¹³, Ano10a, Ano11c, Ano12d, Ano13f]. **Assess** [SSM12, BHT19]. **Assessing** [KH18]. **Assessment** [BCBB16, FAFM19, KPG⁺¹⁶, Lav11, LLX⁺¹¹, MTM12, RWS⁺¹⁰, RPSF15, vPGL⁺¹⁴]. **Asset** [LTR19]. **assets** [LN17]. **Assignment** [KYKL14]. **Assisted** [BAAR14, BvLBS11, KWC⁺¹², LDGN15, MMF10, JHT14, ZWJ⁺¹⁹]. **Association** [Ano10c, Ano11e, Ano12f, Ano13i, GSHM10]. **Associative**

[KRD⁺15]. **Astronomical** [WLM13]. **Asymmetric** [SK16a].
Asynchronous [SKZF11]. **Atlas** [LBJ⁺16, NS11]. **Atlases** [HWA⁺10].
Atmospheric [AHG⁺19]. **Atomic** [LBH12a]. **Atomistic** [FKE13].
Attention [HBO⁺10, KHW13, LCSL18, WWV17]. **Attention-Guiding**
 [KHW13]. **Attenuators** [BKB⁺12]. **Attractors** [YMM10]. **Attribute**
 [BHMT13, CDA⁺14, DKB⁺16, MFL13, SSGM17]. **Attribute-Based**
 [CDA⁺14]. **Attribute-preserving** [SSGM17]. **Audio** [GVS⁺15].
Audiovisual [DDH⁺18]. **Auditors** [Ano10c, Ano11e, Ano12f, Ano13i].
Auditory [HHD⁺12]. **Augmentation** [BBIG17]. **Augmented**
 [BAAR13, BBCW10, EWK⁺13, KAS⁺19, LE13, MS10b, MJK11, OKG⁺10,
 PHE⁺11, RGSK10, SYC10, XZP⁺13, HM15, YLD⁺18]. **Augmenting**
 [NW13, WBAI19]. **August** [CSLG10, IC11]. **Aura** [JKL18]. **author** [LTC18].
Authoring [GPGB11, GPG⁺16, HBDP17, RJT18, SH14a, WPHC16].
Authorship [SRG16]. **Autocorrelation** [AKM16]. **autoencoder** [NW17].
Automated [LLN⁺14, MMNG17, vdKdJP⁺19]. **Automatic**
 [ATCO⁺10, BAAR13, BMWW14, CTHAM10, DBLW15, ELM⁺12, GSE⁺14a,
 GOH⁺10, HCBW19, KLW12, KvLB14, KGRG17, LSZ⁺18, LCUR14,
 LTX⁺14, MEKM17, NS11, PGVG19, SM11, SML15, SHJ⁺16, ŠBM⁺10,
 WK12b, WXR⁺16, WBSH⁺13, YLRC10, ZCX19, vMRBPM17, MKP⁺16].
Automatically [BTST12]. **Automating** [WZL⁺12]. **Automultiscopic**
 [RHS⁺12]. **Autonomous** [ELPH19]. **autostereoscopic** [CHA⁺14].
AutoStyle [LCUR14]. **Avalanches** [CEG⁺18]. **AVOCADO** [SLSG16].
Avoidance [BP17]. **Awake** [CWGvW19]. **Award**
 [Ano15a, Bru11, Can11, Eis11]. **Aware**
 [BPF11, BFR17, BJFadH19, Cet19, CSD11, CG19, CLLC15, CK13,
 CBSS17, DSWH17, GDML13, GRE11, GPR⁺15, HSmCY13, JWS12, JKJL18,
 JWL⁺13, KLW12, KYC16, KWW⁺14, LBG16, LGH13, LJZX15, LWS⁺16,
 LMHH14, LMLF15, MS12, MPP⁺13, NKB14, PTP⁺15, PTA⁺11, SLA15,
 SRWS10, TOZ⁺11, TWT⁺16, Tok15a, TMH11, WJDZ14, WTL15, WLZH17,
 ZSJT19, ZOA⁺18, ZDJ16, DCNP14, HZL19, JLKL16, KKTD17, KDCM14,
 LM10, LFA⁺15, PSP⁺14, SP13, YWM15, YCL⁺17, CACB18]. **Awareness**
 [LTC18, MbMYR15, NJC⁺19]. **Axes** [CHWL19, RSSL17]. **Axis**
 [HCGW14, LKF12, PWS12, RAV⁺19, TLRB18, WYKR17, YYG18].
Axis-Aligned [PWS12, TLRB18, WYKR17].
B [HQH15, JLW10, RC18]. **B-Mesh** [JLW10]. **B-Spline** [RC18]. **B-Splines**
 [HQH15]. **Back** [GLG⁺16]. **Backward** [DBK11]. **Bacterial** [KMA⁺19]. **bag**
 [LBBC14]. **bag-of-features** [LBBC14]. **Baking** [KBS11b]. **Balance**
 [dSNV⁺17, HNJ⁺14]. **Balancing** [SHQL18]. **Ballet** [Ano19a]. **Balloons**
 [STBG12]. **Balls** [CD10, CDSS14, LK13]. **Bamboo** [NKSI16].
Bamboo-Copters [NKSI16]. **Band** [DBLW15, FAW⁺16, SWT⁺18].
Band-Limited [DBLW15]. **Bandlimiting** [YB18]. **Bar**
 [HSBW13, SHK15, WPHC16]. **Barycentric**
 [CG16c, Rus10, WBCGH11, YS19]. **Bas** [JSLW14, ZZWC16]. **Bas-Relief**

[JSLW14, ZZWC16]. **Base** [JLW10]. **Baseball** [ODS18]. **Based** [ASL⁺19, AMTMH12, AIAT12, ATO17, AWCO10, AVBC16, BDA⁺17, BSW10, BEJM15, BKY⁺16, BDF⁺14, BF15, BMO⁺14, BHP15, BÖK11, BHH13, BSK⁺17, BFG⁺17, BCD⁺12, BvLBS11, BB12b, BHU10b, BMS⁺10, CG16a, CYC15, Cet19, CC14, CDA⁺14, CSD11, CZZ⁺18, CWL19, CCTL12, CDS16, DGP17, DKL10, DLGY12, DFY14, FWPS11, FV14, FW17, FP15, FE17, FB11, GSP19, GD10, GMM⁺12, GTB⁺13, GPRS14, HENfSYS16, HFM10, HMTH13, Hd14b, HFE13, HL18, HLL⁺19, HWF⁺17, HHC⁺13, IGAJG15, IEH⁺14, IMAW15, JL17, JZYP18, KLMK19, KS18, KTO11, KWS⁺15, LDW⁺10, LS10a, LBK14, LAS⁺11, LK17, LCP⁺12, LTKD15, LPG19, LMPD15, LFS⁺15, LLB⁺10, LVW⁺15, LS15, LCM⁺18, MWN⁺17, MGG10b, MLP⁺10, MDBS14, MVB⁺17, MMO16, MRS12, MESH11, MWW12, NBH18a, NNN11, NKB14, NC16, ÖKB10, PdMJ14, PB11, PW17, PP10, PPF⁺11]. **Based** [PNVS17, QCW⁺18, RCB⁺17a, RBMS17, RPLH11, RHL12, RÖM⁺15, RPPD17, RF15, SOC19, SD10a, SAG⁺13, SK17, SHP⁺19, SMG10, SJT⁺19, TPSH14a, TGM12, TE10, TTB12, TE18, TDDD18, VCL⁺11, VS10, WL10, WZL⁺12, WHB⁺13, WMB15, WLL⁺17, WESW17, WLM13, WDK⁺13, WTLL13, WWD15, XWL⁺15, XXM⁺13, XZP⁺13, XWY⁺15, YYL⁺16, YWF⁺19, YWC⁺10, YZL17, YBK⁺12, YWTY12, ZDM⁺14, ZCC14, ZZT15, ZDJ16, ZWY⁺13, ZLW15, ZXW19, ZCBK12, dHvPJV14, vFG11, vTKP11, AASB19, ARLC⁺13, ACOM12, AFHdL14, ARB⁺18, AH11, BBK⁺19, BLY⁺11, BBB⁺18, BWH⁺11, BKM⁺19, BHS⁺17, BP19, CHH⁺19, CD18, CAS⁺19, CCM19, CIPT14, DWR10, DZCC19, DKWB18, DMS14, DBS⁺11, DHI⁺15, DMCN⁺17, EPAS11, FH18, FLJ⁺14, GHK⁺10, GGM12, GSC18, GCY⁺14, GCGP18, GTB14, HWA⁺10, HNJ⁺14, HLH⁺16a, HGA⁺10, HHGJ15, HKSK18, IY10, IYS⁺13, IUDN10, JTRS12, JC10, JKK⁺18, KMS⁺13, KMAB15]. **based** [KS10, KYKL14, KK18, KO19, KKG19, KMM⁺18, KTW⁺13, KB12, LMM10, LVPI18, LCCC13, LOM⁺18, LP15, LCB⁺18, LEE17, Lie17, LLM⁺17, LYG15, LCMP19, LFA⁺15, LWX⁺15, MW11, MH13, MRS18, MKRE16, NGM14, NS19, NB15, OJS⁺11, PSPM12, PJJ⁺11, PEP⁺11a, PC12, RKR⁺16, RZS10, RLGH15, RJT18, RMG18, RBDD18, RSK10, RSK13, SSKB15, SCN⁺16, SLE18, Sch11, SXY⁺11, SGG15, STP17, Szy11, TTN⁺13, TWT⁺16, TWC⁺16, TSK14, VVC⁺11, VMH⁺13, WZC⁺11, WFZ⁺15, WTMT18, WLX19, WLS13, WGS10, WT11, WFLW18, XWG⁺13, XWY19, XLL⁺10, YCL⁺17, ZLKW13, vDHO16, CSLG10, RGG⁺14, BO19, TDF⁺15]. **Bases** [HA17, KBB⁺13]. **Basic** [DI18, KP11]. **Basis** [IYS⁺13, MGV11, SMG10]. **Bayesian** [BB17, DRA10, WYD⁺13]. **BCC** [VCRG14]. **Be** [GTK⁺12, KP15, KSBC12]. **Beam** [DBK11, HCJ13, LWY⁺11, NNDJ12, SDS⁺16]. **Beams** [MGJ⁺19]. **before** [SMJ17]. **Behavior** [LBK14, Ros13, WH17a, vdCAvW14]. **Behaviors** [CKH19, HRD⁺15, LJK⁺12]. **Behaviour** [RPA⁺15, VAW⁺10, WLZ13, ZCT18]. **Behaviours** [LCM⁺18]. **Beltrami** [HP11, NBH18b, PPH⁺13, QCW⁺18, ZLW15]. **Benchmark** [MDBS14].

Bending [WLZ13, ZLW⁺16, ZR13]. **BendyLights** [KPD10]. **Bertin** [AKMM11]. **Better** [DH16]. **Between** [GSTOG16, HB19, KFA⁺14, LK19, LTR19, OBCCG13, SNB⁺12, VVE⁺10, EBC17, EHA⁺19, JKL18, PCBL16, SBC16, SVBC19, SZ18, TMRL14, VM12]. **BetweenIT** [WNS⁺10]. **Beyond** [Cas12, KASH13]. **Bézier** [SS15a, VSK16]. **Bi** [GSDC17, Hua17, ZSW⁺10b, KP11, KP15]. **Bi-cell** [ZSW⁺10b]. **bi-cubic** [KP11, KP15]. **Bi-Directional** [Hua17]. **Bi-Layer** [GSDC17]. **Bias** [ENSD12, GUS12]. **Biases** [HF16]. **Bidirectional** [HFM10, JA18, LZ10, NB15, PBPP11, PRDD15, RSK13, SKZ13, SRK13]. **Bifurcation** [MBES16]. **Big** [LJH13]. **Biharmonic** [HQH15, Rus11, WPG12]. **Bijective** [SHF13]. **Bilateral** [BCCS12, IYS⁺13, LWS⁺16, YBY10, vKZH13]. **Bilinear** [MS14]. **Billboards** [GHK⁺10]. **Bimodal** [DDH⁺18]. **Binary** [BBDA10, CCLN10, SPSK13]. **Binocular** [ZHLW18, DKR⁺14]. **Biological** [BLY⁺11, DTS⁺14, FSTR13, GKPL11, HVH⁺16, HPvU⁺16, KRS⁺13, LDB11, LMP13, LMS⁺16, LBH12a, SCD⁺16]. **Biologically** [LWPL15]. **Biologically-Inspired** [LWPL15]. **Biomedical** [BHRD⁺15, BJG⁺15, KKL⁺16b, PBC⁺16, PKE15, RvdHD⁺15, SLSG16, LPSV14, ZH14, dHvPJV14, vPGL⁺14, vdCAvW14]. **Biomolecular** [KKF⁺17, KRS⁺13, KKL⁺16b]. **Biophysically** [IGAJG15]. **Biophysically-Based** [IGAJG15]. **Biopsy** [HMP⁺12]. **Biorthogonal** [HA17, RLH⁺18]. **Bipartite** [CLCL11, PFH⁺18]. **Biped** [LK17]. **Bipedal** [FvdP15]. **Bird's** [KHI⁺19]. **Bird's-Eye** [KHI⁺19]. **Birefringence** [Ste19]. **Birefringence-Induced** [Ste19]. **Bisector** [ZCK17]. **Bit** [OBGB11]. **Bitmap** [WCB15]. **Bitmaps** [RLMB⁺14]. **Bivariate** [CGT⁺15, SARZL10, ZRLS19]. **Black** [LM15, SO12]. **Blackwellization** [SKMS18]. **Bladder** [RCMA⁺18, RCMA⁺18]. **Blend** [TE18]. **BlendForces** [BSC16]. **Blending** [BBCW10, GAK10, KG18, OK12]. **Blendshape** [KBB⁺17, LXF11]. **Block** [KGR⁺16]. **Blocks** [KBW⁺12, LCDW16, GGM12]. **Blog** [HC14]. **Blood** [BBB⁺18, LGP14, NJB⁺11, YBK⁺12, dHvPJV14, vPJtHRV12, vPGL⁺14, KGGP18]. **Blood-Flow** [dHvPJV14, vPJtHRV12]. **Blooming** [ZFG⁺17]. **Blue** [CG12, HB19, KS11, KS12a, PCX⁺18, RRS16, YGJ⁺14]. **Blue-Noise** [PCX⁺18, RRS16, YGJ⁺14, CG12]. **Blur** [HWK⁺10, JKL13, KSP⁺18, LDG19, MTAM12, MVH⁺14, NSG11, SGG16, TMH11, WWT⁺16]. **Blur-Aware** [TMH11]. **Bodies** [Aan18, FP15, LWPL15, LYG15, NL18, WWD15, ZZT15]. **Body** [ARB⁺18, BET14, DLGY12, HA17, JKJL18, KÓOH13, LBRM18, STC⁺16, vBE11]. **Body-Supporting** [LBRM18]. **Body-Worn** [KÓOH13]. **Bokeh** [JKL⁺16, MRD12]. **Bone** [ZHK15]. **Bones** [TE18]. **Book** [AKS⁺19, CHWL19, EHH19, FHE19, HAGO19, JL19, LLLY19, LTR19, WMXC19]. **Books** [RL19]. **Booleans** [PCK10]. **Boosting** [OJS⁺11, ZDM⁺14]. **Botanical** [NPDD11, WLJ⁺18]. **Bottlenecks** [ABW⁺15]. **Bounce** [JR16, LWLD11]. **Boundaries** [Hol15, MSWI12, SGSP15]. **Boundary**

[BXH10, BLVD11, CK10a, DBS⁺11, FM15, GDML13, HEW15, LJB⁺12, MIW13, SCN⁺16, TL16, TDNL18, ZT10]. **Boundary-Aware** [GDML13]. **Boundary-based** [DBS⁺11]. **Bounded** [GMD10, MM18]. **Bounding** [BHH13, BM15, CTHAM10, GHB15, MB18, ND12, VKJ⁺17, VHB16, VMTS10]. **Bounds** [She12, WTTM15]. **Bowl** [MNP⁺17]. **Box** [Att15, CR16b, CDA⁺14]. **BqR** [PSC10]. **BqR-Tree** [PSC10]. **Bracketing** [GPR⁺15]. **Brain** [ACAA⁺19, HMP⁺12, SEI10, Thi11]. **Brainbows** [WOH13]. **Branch** [SSW14a, ZBM⁺17]. **Branching** [LKD⁺17, SPK10]. **BRDF** [BPV18, BÖK11, BNH10, CCM19, DHI⁺15, GMD10, GGG⁺16a, HFM16, LXY19, NKLN10, ÖKB10, PR12, RGB⁺14, SARZL10, XWZB17]. **BRDF-Oriented** [LXY19]. **BRDFs** [ACG⁺17, FV14, HLR⁺11, KGK19, MHRK19, SSGM17, VF16, XWZB17]. **Breadth** [GL10a]. **Breadth-First** [GL10a]. **Breakdown** [HGH⁺11]. **Brick** [KLC⁺15]. **Bridge** [WDC⁺10]. **Bridging** [YKS⁺19]. **Broad** [SR19]. **Broad-Phase** [SR19]. **brochures** [BMW14]. **Broken** [CK11a]. **Browsing** [KRD⁺15, KFLCO13]. **Brush** [TZD11]. **Brushables** [LFA⁺15]. **Brushes** [VVC⁺11, ZT10]. **Brushing** [FH18, KFH10, RSM⁺16]. **BSDF** [PdMJ14]. **BSDFs** [Hd14b, RBMS17]. **BSSRDF** [MES⁺11]. **BTF** [HHNČ19, RJGW19, WDR11]. **Bubble** [HGH⁺11]. **BubbleNet** [MSFM16]. **Bucket** [KKS⁺17]. **Budgets** [DBS⁺18]. **Buffer** [AMAM13, LJBA13]. **Buffers** [MIGMM17]. **Building** [ALA⁺18, KBW⁺12, KWS16, NBA18, SK17, WFLW18]. **Buildings** [CML⁺12, KMK12, LWB14, MWW12, VKW⁺12]. **Bulk** [ASB⁺17]. **Bulk-Heterojunction** [ASB⁺17]. **bundle** [TSdSK13]. **Bundles** [HGRS⁺17, JGH11, OVV10, TE10, LBA10]. **Bundling** [HET12, LHT17, ZSJT19, ZWHK16]. **Buoyancy** [WW16]. **Businesses** [WHS⁺18]. **BVH** [ÁSK14, GD16, GM19, GPP⁺10, HMB17, HPMB19, WTMT18]. **BVH-based** [WTMT18]. **BVHs** [DKY16]. **By-example** [ZLL13].

C [KDCM14]. **C-LOD** [KDCM14]. **Cable** [MCJM18]. **Cache** [BRDC12]. **Caching** [GKPS12, JR16, KVS⁺14, LLD10, PGSD13, RCB11, SNRS12]. **Cage** [TTB12]. **Cage-Based** [TTB12]. **CageR** [TTB12]. **Calabi** [SLZ⁺19]. **Calculation** [FM15, Gov19]. **Calculus** [GKLS19]. **Calligraphy** [XWG⁺13]. **CAMA** [TWT⁺16]. **Cambial** [KSG⁺15]. **Camera** [BTS⁺17b, ESKT15, GL10b, GCW15, GBS19, LK17, LLCZ16, LLB⁺10, PSHZ⁺15, SM11, SDHL11, WYD⁺13, ZZ17]. **Cameras** [CSC⁺18, KBKL10, LTX⁺14, XXY⁺18, ZSG⁺18, KBÖ⁺14]. **Camouflage** [DJM12]. **Can** [KP15, KSBC12]. **Canada** [IC11]. **Cancellation** [SCCN11]. **Cancer** [CWS⁺17, LSS⁺12, MK11]. **Candle** [BCRA12]. **Canvas** [ZLDM16]. **Capacity** [WGW⁺19]. **Caps** [UG18]. **Capstone** [Grö11]. **Capture** [AVR10, ACOHS18, CZY11, CWL19, CKHL11, CKH19, DAD⁺19, DBB⁺18, DKY16, ESKT15, FHE19, FKR13, FHW⁺11, FGT⁺16, HBLB17, KMB⁺17, KRP⁺15, NSR17, NVH⁺13, VF16, WRK⁺16, WLI⁺12, WYY13, VB14a].

Captured [CTL13, KZB19]. **Capturing** [HFM16, LWS⁺13, PSCN10, SGMG17, WJG⁺16]. **Car** [MJK11]. **Carbon** [RPK⁺12]. **Cardiac** [KPG⁺16, KBvP⁺17, KGGP18]. **Caricature** [WL10]. **Carlo** [BMDS19, BEEM15, BRM⁺16b, BB17, DWR10, GAM17, GKT16, HCJ13, HD14a, HB19, JEK⁺19, KS13a, KVS⁺14, MMG18, MJL⁺13, MIGMM17, MGN17, NGHJ18, SHZD17, SMJ17, SÖA⁺19, VAN⁺19, ZHD18, ZJL⁺15]. **Carotid** [DHS⁺13]. **Cars** [CCC⁺14]. **Cartogram** [AKV15]. **Cartograms** [CBC⁺15, NK16]. **Cartography** [LJLH19]. **Cartoons** [SSJ⁺10]. **Carving** [WPW⁺11]. **Cascaded** [SPB⁺17, WGH⁺19]. **Case** [ARLC⁺13, GKLS19, GBG⁺14, KASH13, KFA⁺10]. **Cases** [RPSF15]. **Cast** [LK10]. **Casted** [FKE13]. **Casting** [KWN⁺14, XYM13]. **Categorical** [BTB13]. **Category** [hKTL⁺17]. **Category-Specific** [hKTL⁺17]. **Catmull** [BHU10b, Cas12, Csé18]. **Causal** [BHR17]. **Causality** [YPF19]. **Caustic** [GPGSK18]. **Caustics** [FSES14, GRR⁺16, LMSG16, PJJ⁺11]. **Cave** [SBG17]. **Cavities** [KFR⁺11, KKL⁺16b, SLD⁺17]. **CC** [VCRG14]. **Cell** [ABW⁺15, AASB14, FKE13, HPvU⁺16, KER⁺14, PKE15, PKE17, WH17a, WZL⁺12, WMRSF15, YBK⁺12, LCLJ10, ZSW⁺10b]. **Cell-Based** [WZL⁺12, YBK⁺12]. **Cells** [HHA17]. **Centered** [BZL⁺18, CKS⁺15, ELM⁺12, GRC13, HA17, RC18, WTLY12]. **Centre** [SPT14]. **Centred** [LW17]. **Centres** [HSK⁺10]. **Centric** [CY14]. **Centroidal** [CCW12, LLW12, WHWB16]. **Centroids** [HHA17]. **Cerebral** [GHB⁺17, MVB⁺17, NJB⁺11, NLB⁺13, vPGL⁺14]. **CFGExplorer** [DI18]. **CGF** [HGH⁺11]. **CGI** [NREM14]. **Chain** [RKN10]. **Chains** [EASKC18, RL14]. **Challenges** [DAF⁺18, OJMN⁺19, vLKS⁺11]. **Chamber** [SBG17]. **Change** [JWL⁺13, SWG16]. **ChangeCatcher** [LTC18]. **Changes** [BBL12, GG15, JPK13, OVB⁺15, PCBS16, WKM15]. **Channel** [BRB⁺13, CSŠ18, FMH16]. **Channels** [CAB⁺16]. **Chaotic** [LRB⁺15]. **Character** [ARG⁺16, BV19, CKGC14, ECN14, GP12, GCY⁺14, HSK14, HLL16, ISYM15, KL14, LCMP19, LWX⁺15, MYGY19, MKR11, MMG10, PMG13, RPPD17, SLHC12, SBC⁺17, TAAP⁺16, ZCK17, CVCH14, CTL13, RTK⁺14]. **Character-Object** [ZCK17]. **Characteristic** [WHT12]. **Characteristics** [CCH⁺14]. **Characterization** [GL12, Gia18, LSS⁺12, RvdHD⁺15, SLCO19]. **Characterizing** [BH19]. **Characters** [AMYB17, ARG⁺16, BCB⁺15, BSAP11, BTST12, FvdP15, ISYM15, JKL18, KL14, LWX⁺15, PP10, RF15]. **Charge** [KFM⁺19]. **Chart** [CEX⁺18, CP10, PH17, WPHC16, XBL⁺18]. **Charts** [CAB⁺16, HSBW13, NS11, SK16a, SHK15, SK16b, WPHC16]. **CHC** [MBJ⁺15]. **Check** [LA11]. **Checking** [OP10]. **CheckViz** [LA11]. **Chemical** [BWH⁺11, BJG⁺15]. **Chinese** [TXL⁺19, XWG⁺13]. **Chip** [ZFE16]. **Chisel** [BH15]. **Chromatic** [GTL⁺18]. **ChronoCorrelator** [vDvdEvW19]. **Cinamagraph** [BAAR13]. **Cinematic** [GLCC18]. **Circle** [MMNG17]. **Circular** [BCN11a, BSK⁺13, CLLC15, KBT⁺12]. **Circumgalactic** [BAO⁺19]. **Cities** [CML⁺12, IMAW15, KMK12, MPBM⁺17, MWW12,

NJGW15, VKW⁺¹², SKK^{+14b}]. **City** [CY14, KMK12, KHI⁺¹⁹, LSWW11, STKD12]. **Clark** [BHU10b, Cas12]. **Class** [ENMGC19, KP18, SGW12, WLN⁺¹⁷, BMM⁺¹⁵, KP15]. **class-specific** [BMM⁺¹⁵]. **Classic** [LVJ10]. **Classification** [ACC15, BV19, CLCL11, EPAS11, HPMB19, KWD14, KMAB15, LA15, MKP⁺¹⁶, SS15b, WCB15, MPM⁺¹⁴]. **Classifications** [KK17]. **Classifiers** [SAMG14, SS15b]. **Clean** [HL14]. **Cleaning** [ACOHS18]. **Clear** [HCBW19, HKL17]. **Clever** [VGB14a]. **Click** [SGSP15]. **Clicks** [OGW19]. **Clickstream** [DRM19]. **Climate** [KBL19, PDW⁺¹⁴, BHT19]. **Climbing** [HBDP17, NBH18a, WC16]. **Clipping** [BBBV12]. **Cloning** [ASL⁺¹⁹, TSS⁺¹¹]. **Closed** [GAK10, PSP10, TSK14]. **Closed-Form** [PSP10, GAK10]. **Closely** [EDPB15, LJL⁺¹⁸]. **Closest** [AMT⁺¹², AW13, BTP13, SBC16]. **Cloth** [BYL16, HENfSYS16, HEW15, JCK⁺¹³, LeYO⁺¹⁰, LL18, LMMCO17, MYLZ16, MBT⁺¹², TTN⁺¹³, TWT⁺¹⁶, WWF⁺¹⁸, WLZ13, YMJ⁺¹⁷, IMDN14]. **Cloth-Fluid** [HEW15]. **Clothing** [SOC19]. **Clothoid** [BLP10]. **Clothoids** [BD12]. **Cloths** [BD12, LJK⁺¹², MBT⁺¹², WK12a]. **Cloud** [LGW18, MC17, RDK13, SY12b, SHS13, YLH⁺¹⁴, YLX⁺¹⁶, ZLYL17, Kur15]. **Clouds** [BTS^{+17a}, BM12, BM16, CCLN10, CACB18, DSY10, GKOM18, JBG19, KJT14, LIK19, MEMO14, MAM14, PCBS16, QCW⁺¹⁸, RL14, RÖPG18, SPB⁺¹⁹, SYM10, SSG17, SSW14b, TOZ⁺¹¹, WXL⁺¹³, WPW⁺¹¹, WXW18]. **Cloudscapes** [WCGG18]. **Clue** [ZDJ16]. **Clue-Map** [ZDJ16]. **Clues** [LA11]. **CLUST** [ZCT18]. **Cluster** [AASB19, HV10, LCB⁺¹⁸, STMT12, TPRH11, WLN⁺¹⁷]. **Cluster-based** [LCB⁺¹⁸]. **Clustered** [GM19]. **Clustering** [DCYG19, FKSS13, GMLMG12, HFL12, JGH11, KBL19, LKC⁺¹², LTB19, LWS18, LJBA13, WZL⁺¹², XL10, YYL⁺¹⁶, ZLMM16, vPJtHRV12]. **Clusterings** [APP10, RL16]. **Clusters** [CDA⁺¹⁴, MBES16, RL16, ZLMM16]. **ClustMe** [AASB19]. **Cluttered** [CKHL11, MPM⁺¹⁴, PGVG19]. **CNN** [FH18, XWY19]. **CNN-based** [FH18, XWY19]. **CNNs** [LSZ⁺¹⁸, YLD⁺¹⁸]. **Co** [AKM16, CSLG10, GLK18, HFL12, LT17, MRM⁺¹⁸, NNRS15, SCD⁺¹⁶, WFZ⁺¹⁵, YS19, YLX⁺¹⁶]. **Co-Alignment** [AKM16, NNRS15]. **Co-Completion** [GLK18]. **Co-Dimension** [YS19]. **Co-estimation** [WFZ⁺¹⁵]. **Co-occurrence** [SCD⁺¹⁶]. **Co-representation** [MRM⁺¹⁸]. **Co-Segmentation** [HFL12, YLX⁺¹⁶]. **Co-Sponsored** [CSLG10]. **Co-variations** [LT17]. **Coarse** [CDSS14, CLS16, SY11, SY13, SJ13a, ZWY⁺¹³]. **Coarse-Graining** [CDSS14]. **Coarse-to-Fine** [SY11, SY13, ZWY⁺¹³]. **Code** [LLC13]. **Coded** [CKL14, MPCG12, SBB14]. **Codes** [EPAS11]. **Coding** [FO12, KMD⁺¹⁷, PHK⁺¹⁰, SHG⁺¹⁶, SGMG17, SO10, vTKP11, LBBC14]. **Coffee** [MGN17, SHZD17, SMJ17]. **Cognition** [CWB⁺¹⁴, MSK14, OAJ14]. **Cognitive** [APM⁺¹¹]. **Coherence** [BBT11, JvdGMR19, KK11b, MSW10, MHDG11, MWW12, PC12, SYM⁺¹², XSQ13]. **Coherence-Based**

[MWW12]. **Coherence-Enhancing** [KK11b]. **Coherent**
 [BBH13, BLV⁺¹⁰, CS16, CGS16, EPCV15, GOPT11, GRDE10, KTO11,
 KER⁺¹⁴, LAE⁺¹², LHNS18, MO10, MBES16, MBJ⁺¹⁵, PPM⁺¹⁶, RSD⁺¹²,
 SW10, TCM10, ZAD15, SPCR14]. **Cohort** [RCMA⁺¹⁸]. **Collaboration**
 [IC11, ID10]. **Collaborative**
 [BB17, JSH⁺¹³, MHK^{+19b}, RDK13, TSPP16, XBL⁺¹⁸]. **Collage**
 [GTZM10, ZH12]. **Collection** [CDSS14, SBC14]. **Collections**
 [AEWQ⁺¹⁵, AKZM14, AKM16, CWG11, CRA⁺¹⁷, DMS14, FDH⁺¹⁵, HG13,
 KGAC15, KFLCO13, LLC11, LCUR14, LVW⁺¹⁵, NBCW⁺¹¹, NNRS15,
 OSR⁺¹⁴, PTT⁺¹², PDC⁺¹⁹, RLG15, SGB13, YXX14, ZCOAM14,
 vdCvW17, HAGO19]. **Collective** [XWY⁺¹⁵]. **Collision**
 [FWPS11, JKJL18, LMM10, LPH⁺¹⁵, LLC⁺¹⁵, PKS10, SR19, TWT⁺¹⁶,
 VMTS10, WTTM15, WLT⁺¹⁷, WTMT18, WDZ17, WC14, YMJ⁺¹⁷].
Collision-Aware [JKJL18]. **Collisions** [CK10a, PKS10, VMTS10].
collocated [RAmB⁺¹⁹]. **Color** [AP10a, AAB⁺¹⁰, AGJ12, BMS⁺¹⁰, CKL14,
 FLJ⁺¹⁴, GRC13, HGO18, HHGJ15, HZMH14, JYS19, JCW11, JESG12,
 KYKL14, KM16, KG18, LLC19, MO10, NKB14, NPCB17, OVB⁺¹⁵, RMZ13,
 SO12, SSB⁺¹⁴, TBKP12, TDMS14, WWL⁺¹⁹, WK12b, WZL⁺¹⁷, WTLL13,
 XADR13, YXX14, YWF⁺¹⁹, YLL15, EKB14, HL14, RCM⁺¹⁴]. **Color-Pair**
 [YWF⁺¹⁹]. **Colored** [PK10, FLJ⁺¹⁴]. **Colorfields** [SSSG16]. **Colorimeter**
 [GBS19]. **Coloring** [NPCB17, WZL⁺¹⁷]. **Colorization** [LT12, JCT14].
colormaps [EKB14]. **Colors**
 [HZMH14, KNL⁺¹⁵, KSG⁺¹⁵, LFK⁺¹³, SGSP15, YLL15]. **Colour**
 [AP10a, FPC⁺¹⁶, LM10, LCG10, LKSD17, LS15, WDK⁺¹³, XWL⁺¹⁵].
Colourization [DRA10]. **Colours** [MSHD15, OYH18]. **column** [LLLY19].
Combination [BP17, WMXC19]. **combinations** [SNJ⁺¹⁴]. **Combinatorial**
 [PBPP11, SY11]. **Combined** [WYKR17]. **Combines** [ARH12]. **Combining**
 [GLCC18, KP18, KKTD17, SJ19]. **Combustion**
 [GBG⁺¹⁴, JK13, OLF⁺¹⁴, OAM⁺¹⁸]. **Comfortable** [FFN18]. **Comics**
 [CNKI13, McC11]. **Comments** [SHS⁺¹⁷]. **Communication**
 [SMM13, YKS⁺¹⁹]. **Communicative** [HRD⁺¹⁵, SBD^{+15b}]. **Communities**
 [CDA⁺¹⁴, VBAW15]. **Community** [DWT⁺¹¹, RTJ⁺¹¹]. **Commutativity**
 [NO17]. **Compact** [CCC17, CP11, GLLR11, KBK⁺¹⁰, UKCB15, HLJ⁺¹³].
Compacting [HL19]. **Compaction** [HLJ⁺¹³]. **Compactly** [HA17].
Comparative [ASB⁺¹⁷, ARH12, BvLBS11, DHS⁺¹³, FL19, GT15, KARC15,
 MVB⁺¹⁷, MWS⁺¹⁰, OSR⁺¹⁴, PPBT12, RLP10, SKR⁺¹⁴, SS15b, vPGL⁺¹⁴,
 EMU17, WGO⁺¹⁴]. **Compare** [AKMM11]. **Comparing**
 [RL16, SSK16, WPHC16, vdCvW17]. **Comparison**
 [BSBE17, DWT⁺¹¹, FAFM19, HFM16, KWS⁺¹⁵, KZZM12, MTM12, NNN11,
 PDW⁺¹⁴, SSW14a, VCRG14, VHB16, WHS⁺¹⁸]. **Comparisons** [SLB⁺¹⁸].
Compatibility [LTR19, ZCOM13]. **Compensated** [PM19]. **Compensating**
 [MSK14]. **Compensation** [ENSD12, LMG^{+18b}, MK15, SYC10].
Competitive [KMJE12]. **Compiler** [CTHAM10]. **Complete** [AH11].
Completion [GS14, GLK18, HTG14, IS15, LL19, LZL⁺¹⁵, MSAP15].

Complex [ASB⁺17, BWH⁺11, BHMT13, CG16c, DVPSH14, GKPS12, HPH10, KKSS15, KFM⁺19, LDY10, MMG18, McD10, MPBM⁺17, NSRS13, PMD12, RKN10, SCCN11, WBCGH11, DGR⁺14, GSC18, LN17].
Complexes [AASB14, SN12, DFIM15, LCLJ10, WIFD13]. **Complexity** [JS10, LFS⁺15, SvW13, TWD⁺13, Tim12]. **Compliant** [LAS⁺11].
Component [YKS⁺19, ZFCO⁺11, ZXTD10, BTST12, Lie17].
component-based [Lie17]. **Component-wise** [ZFCO⁺11]. **Components** [SBL12]. **Compositable** [LWL⁺16b]. **Composite** [BPV18, CKS⁺16, GSDC17, PTO10, SHF13]. **Compositing** [DZC11, EKFM12, GWO⁺10, GTZM10, LCWCO10, RLH⁺17b, RWSG13].
Composition [GLGW12, LCWCO10, LMLF15, SML15, TXGW19, WTLL13].
Composition-Aware [LMLF15]. **Compound** [RMF12]. **Compoundly** [CD10]. **Comprehensible** [KGAC15]. **Comprehensive** [FHW⁺11, PRS15, YZL17, ZWJ⁺19]. **Compressed** [And10, NVT⁺14, RGG⁺14, SBE16b, XSE14]. **Compressing** [VMHB14].
Compression [AMAM13, And12, CH11, DKB⁺16, HML⁺19, HFM10, JBG17, JKJL18, KGR⁺16, LPG10, MP12a, PM19, RJGW19, SBE16a, VS10, WDR11, BHT19, CVDL16, DCV14, GGM12, PHM⁺14, VB14a, VD18].
compression-domain [GGM12]. **Compressive** [JCK16, LA15, MKU15, SD10b]. **Computation** [HA19, Hol15, KS11, Pat17, SKZ13, SN12, MVPG11]. **Computational** [BS12a, BRWM18, DBS⁺18, DRF12, EMP⁺12, EWK⁺13, FO12, GTM⁺12, HKW12, Jac17, LLW12, MCM⁺12, MP12b, RE12, SLE17, She12, STBG12, TSW⁺19, WW16, WILH11, YZC18, ID10, IC11]. **Computations** [RPWO19].
computed [LWLD11]. **Computer** [ALCS18, BET14, BMO⁺14, CTHAM10, DCGG11, GSHM10, GMD10, GP16, KH19, KWC⁺12, KBKL10, LF11, LF10, MWN⁺17, MSS⁺10, OP10, PTO10, PCR11, SDA⁺18, SRH⁺11, ZWJ⁺19].
Computer-assisted [ZWJ⁺19]. **Computer-Suggested** [SRH⁺11].
Computing [APH⁺12, BAA⁺16, CVJ15, CYY⁺11, CSaLM13, HS17, HR10, JSH⁺13, NB12, NBHN17, RK10, SRM⁺19, SD10b, WMZ12, WT11, YFL19, YL11].
ConcaveCubes [LCB⁺18]. **Concentric** [XLH⁺13]. **Conceptualizing** [DCK12]. **Concurrent** [KBLE19, YHGT10, ZFE16]. **Condenser** [LDW⁺10].
Condenser-Based [LDW⁺10]. **Condition** [KS14, OHG11]. **Conditional** [CLGS18]. **Conditions** [PCDS12, RGSK10, TDNL18, SZ18]. **Cone** [CNS⁺11, KB12]. **Cones** [WLT⁺17]. **Configurable** [SSSG16].
Configuration [LT17]. **Confinement** [HL13]. **Confocal** [SPB⁺17].
Conformal [CG17, SBC16, SLZ⁺19, WLZT18, YMYK14]. **Congestion** [BJB⁺18]. **Congruences** [WJB⁺13]. **Conjoined** [CLJ⁺15]. **Connected** [CPZ⁺15]. **ConnectedCharts** [VM12]. **Connecting** [OM13, OW19].
Connection [NB15, YXX14]. **Connections** [CDS10, PRDD15, ZLZ⁺18].
Connectivity [KLS⁺17, PW13, SSE⁺14, SMB⁺17, VR12]. **Connolly** [MJK17]. **Conoid** [KTN10]. **consecutive** [DMS14]. **Consensus**

[MW18b, RBC14, ZST⁺¹⁰, HDV19]. **Conserving** [dFH⁺¹¹].
Considerations [KK17, KSS⁺¹⁵]. **Considering** [GLGW12]. **Consistency** [LFYX19, NPCB17]. **Consistent** [ADG19, BIZ18, BTS^{+17b}, BSL18, CRA⁺¹⁷, FACO17, FNH⁺¹⁷, GLCC17, GG15, HG13, JBG19, PSDB⁺¹⁰, SJP⁺¹³, SCF10, TL19, WKBB18, GFK⁺¹⁹].
Consolidation [RÖPG18, WXL⁺¹³]. **Constant** [CRGZ10, GUS12, Szy11, SBL12, WDZ17]. **Constellations** [XBL⁺¹⁸].
Constrainable [JCK⁺¹³]. **Constrained** [AMR⁺¹⁷, ATK17, ATF12, BHMT13, CCW12, CG12, DBD⁺¹³, GBKS18, LHNS18, MHA17, RKSA17, SC10, YFL19, YLG⁺¹⁸, ZFA⁺¹⁶, ZXZ⁺¹⁷].
Constraint [MC19, VRBC17]. **Constraints** [HK12, HBH18, RLG15, SJ13b, TSK14]. **Constructing** [BW13, IEK⁺¹⁴, KK17, KLC⁺¹⁵, WXW18, PCBL16]. **Construction** [AYLM13, BLD14a, FBL16, Gro16, HMB17, HHH12, KWS16, KS18, LCSS19, LA13, LCY⁺¹¹, QYZ17, SE19, SFL19, SJWS13, VKJ⁺¹⁷, YHGT10, ZCOM13, DGR⁺¹⁴, GD16]. **Constructive** [ARRO⁺¹⁷]. **Consumer** [LK17, XXY⁺¹⁸]. **Consumer-level** [XXY⁺¹⁸]. **Contact** [HENfSYS16, HEW15, KL14, TWT⁺¹⁶, ZLM⁺¹⁵, dSNV⁺¹⁷, TAAP⁺¹⁶].
Contact-Aware [TWT⁺¹⁶]. **contacts** [TSK14]. **Content** [ARM⁺¹⁵, DER⁺¹⁰, FW17, KLW12, LMLG15, LSWW11, MBRHD18, PSP⁺¹⁴, SGMG17, WDK⁺¹³]. **Content-Aware** [KLW12, PSP⁺¹⁴].
Content-Based [WDK⁺¹³]. **Content-Independent** [LMLG15]. **Context** [BAO⁺¹⁹, BTM⁺¹⁹, GRE11, HVP⁺¹⁹, KDCM14, KGRG17, LCSCO10, MbMYR15, OJS⁺¹¹, SEI10, XXM⁺¹³, ZCL18, ZLDM16, vTKP11, BCN11b].
Context-Aware [GRE11, KDCM14]. **Context-Based** [XXM⁺¹³, vTKP11].
Context-Dependent [LCSCO10]. **Context-inferred** [ZLDM16]. **Contexts** [RHM⁺¹²]. **Contextual** [JKK⁺¹⁸, KSP⁺¹⁸, MGB14]. **Contingent** [SGEM16]. **Continuity** [GP16, SYT⁺¹³, WGS10, SZ18]. **Continuous** [BPG11, COC15, GAM17, HBW11, LPD14, LMSF19, MFL13, PJR⁺¹⁴, PSO18, RJT18, SFFP15, WTTM15, WT11, WC14, vdZLBI11, CH12, TWSM17]. **Continuum** [SWML10]. **Contour** [IY10, IYS⁺¹³, NBHN17].
Contour-based [IY10, IYS⁺¹³]. **Contouring** [MSS11, SSO⁺¹⁰]. **Contours** [BSL18, FKRW16, Fre18]. **ConToVi** [EAGA⁺¹⁶]. **Contracting** [LW17].
Contraction [GHB15]. **Contrast** [HW16, HDL11, LM10, LM15, MO10, MSK14, MK15, NWHWfD16, ZHLW18].
Contrast-aware [LM10]. **Contrast-Enhanced** [LM15]. **Contribution** [Can11]. **Control** [BV19, DI18, FLJ⁺¹⁴, GLCC17, HENfSYS16, HL18, KPRN11, KPD10, LK17, LTKD15, LYG15, LLC⁺¹⁵, LCY⁺¹⁹, RCMM⁺¹⁶, RPPD17, SBE19a, SHW⁺¹⁸, SKMS18, VVE⁺¹⁰, VSK16, WK12a, dSNV⁺¹⁷, AFHdL14, HNJ⁺¹⁴, RTK⁺¹⁴, VD18]. **Controllable** [AP10a, BP19, CBTB16, GMM15, HL13, RHLH18]. **Controlled** [JWS12, KSG⁺¹⁵, KFA⁺¹⁴, ZSL⁺¹⁷]. **Controller** [FvdP15, GCY⁺¹⁴, HKSK18]. **Controllers** [WPP13, ZFCO⁺¹¹].
Controlling [LDG19, YYZZ18]. **Controls** [GLCC18]. **Convergence**

[LPH⁺15, SMJ17]. **Conversation** [EAGA⁺16]. **Conversational** [EASKC18]. **Conversations** [EASG⁺17, HC14]. **Conversion** [BCK⁺12, MEKM17, CHA⁺14]. **Convex** [AGCO13, GCW15, MHA17]. **Convey** [KCH19]. **Conveying** [ARM⁺15, BJG⁺15, RRS12]. **ConVis** [HC14]. **Convolution** [LKEP14, MESH11, SFFP15, TLH19]. **Convolution-Based** [MESH11]. **Convolutional** [ACA18, hKTL⁺17, KG19, LLLY19, LIK19, MBRHD18, NAM⁺17, RÖPG18, SHG⁺16, SGMG17, YSM19, YYZZ18, BMM⁺15]. **Convolutions** [WLZX19]. **convolved** [SNRS12]. **Cooperation** [LSF⁺11, PS10, DS11a]. **Coordinate** [KZZM12]. **Coordinated** [BSK16, BRM⁺16a, HSH16, RSM⁺16, SS16]. **Coordinates** [CGH18, DCK12, DVPSH14, GRPF16, HBW11, KARC15, MS10a, MR12, NVT⁺14, PR19, Rus10, SHF13, SKPSH13, VB14b, WLN⁺17, WPG12, YS19, dGLB⁺14, YI10]. **Copters** [NKSI16]. **Copula** [ÖKB10]. **Copula-Based** [ÖKB10]. **Core** [BLD14a, Bik12, DC10, GG14, IABT11, KTO11, LCDW16, ORT18]. **CoreFlow** [LKD⁺17]. **Corner** [BdM14, SNA17]. **Corners** [BW13, CSS18]. **Coronary** [GOH⁺10, SSM12]. **Corotated** [KKB18]. **Corotational** [CFS14]. **Correct** [Gro16]. **Correcting** [CWGvW19, EPAS11]. **Correction** [DBB⁺18, UBH14, WYY13, XWY19, ZNZ19]. **Correctness** [OP10]. **Correlated** [SJWS13, VR12]. **CorrelatedMultiples** [LHNS18]. **Correlation** [AWCO10, GHX⁺17, KWS⁺15, LWS18, PPH12, PW12, RB10, SBLC17]. **Correlation-Based** [AWCO10, KWS⁺15]. **Correlations** [FKRW16, FSTR13, RÖG17, ST18, SÖA⁺19]. **Correspondence** [ATCO⁺10, BS12b, COC15, ELC19, EHA⁺19, GSTOG16, HMW⁺15, KBW⁺12, KKBL15, KO19, LRB⁺16, LCY⁺11, LKF12, RCB⁺17b, RMC17, SY11, SY13, SY14a, SY14b, SNB⁺12, WLZT18, YYL⁺16, YSC⁺18, vKTS⁺11, vKZHCO11]. **Correspondences** [DZD⁺16, GSTOG16, GSDG18, GLHH13, KBW⁺12, KBB⁺13, KSKL13, LK19, LKF12, PBB⁺13, SCF10, TMRL14]. **Cosine** [RC18]. **Cosine-Weighted** [RC18]. **Cosmetics** [KK18]. **Cosmic** [BAO⁺19]. **Cosserat** [SMSH18]. **Cost** [ACKM16, ESKD14, SB19, ZFE16]. **Count** [KKR18]. **Countershading** [TMHD12]. **Coupled** [ADG19, EHT18, HSK14, KBB⁺13, dHvPJV14, AKZM14]. **Coupling** [Aan18, SZMTW15, TL19, YLHQ12]. **Course** [Duc14]. **Cover** [ASW14, HGH⁺11, MNP⁺17, SJ13c, ZJ18, vFG11, NRP11]. **Covered** [CEG⁺18]. **COVRA** [GGM12]. **CPH** [UKCB15]. **CPU** [ÁSK14, JZYP18, PKS10, PBPP11, SR19]. **CPU/GPU** [PKS10, PBPP11]. **CPUs** [IABT11, KWN⁺14]. **Crack** [CBV⁺14, DC10]. **Crack-Free** [DC10, CBV⁺14]. **Cranial** [HRRR18]. **Crawl** [PM16]. **crdbrd** [HBA12]. **Crease** [BAT11]. **Creases** [KSD14a, KSD14b]. **Creating** [FDH⁺15, GKB12, GRP10, OAO11, RGM⁺18, ZYF10]. **Creation** [KrJC⁺11, LCCC13, WLL⁺17]. **Creative** [APH⁺12]. **CRFs** [CPZ⁺15]. **Critical** [GST14, LS16, WRS⁺13]. **Cropping** [SML15]. **Cross** [DMNV12, HHCJ18, HHD⁺12, KBT⁺12, SBC14, ZT10]. **Cross-Boundary**

[ZT10]. **Cross-Collection** [SBC14]. **Cross-Modal** [HHD⁺12].
Cross-Sections [KBT⁺12, DMNV12, HHCJ18]. **Crossing** [SAAB11].
Crowd [BSK16, BPA16, CKGC14, CC14, JVS⁺12, JPCC14, KWD14, LCSCO10, LLD10, LCM⁺18, SHW⁺18, XWY⁺15, ZCT18, DMCN⁺17, LJK⁺12, WGO⁺14]. **Crowd-sourced** [KWD14]. **Crowded** [GS14, GTK⁺12]. **Crowds** [BD12, LJK⁺12, MBT⁺12, WK12a].
Crowdsourcing [BMB⁺18, OJ15]. **Cryptography** [CJFH14, LMHH14, SY14b, SGS14, ZZCJ14]. **Crystal** [RHLH18]. **CSG** [WXW18]. **CT** [DHS⁺13, SSM12]. **Cube** [BW13, NRP11]. **Cubemap** [XTZ19]. **Cubes** [BDA⁺17, PWH11]. **Cubic** [AASB14, HA17, RC18, KP11, KP15]. **CUDA** [Ros13]. **Cue** [KLK17, RHL12]. **Cues** [PD16]. **Culling** [AMTMH12, GL10a, GPP⁺10, GRDE10, KBK⁺10, MBJ⁺15, TH17, WLT⁺17].
Cultural [AJL⁺11, HBRW⁺12, PPY⁺16, SCP⁺17]. **Cumulus** [ZLYL17, YLH⁺14]. **Curation** [YDP19]. **Curl** [RLH⁺17b]. **Curl-free** [RLH⁺17b]. **Curvature** [CBLW19, CK11b, KSBC12, SYT⁺13, SZ18, TAOZ12, VVP⁺16, ZWC⁺10, MM18]. **Curve** [GLK16, GLK18, GBKS18, HHCJ18, LH11, LZW⁺13, LW17, LW18, OMW16, PM16, SV14, TBTB12].
Curved [DHP⁺19]. **Curves** [AJA11, AJC11, BLW11, BvTH16, CGS16, DSL15, GLK16, GKKT13, Jes16, KSD14b, Kur15, LTKD15, LKF12, MS13, PJSH15, VSK16, WHT12].
Curvicircular [MMV⁺13]. **Curvilinear** [AO13, ZLL13]. **Curving** [KPD10].
CustomCut [GLX⁺16]. **Customizable** [BP13]. **Customized** [GSE⁺14a, GLX⁺16]. **Cut** [Jac19, WMRSF15]. **Cut-Cell** [WMRSF15].
Cutaway [LMS⁺16]. **Cutout** [HZZ11, TZD11]. **Cuts** [LDdLRB16, LVJ10, WWD15]. **Cutting** [FLL11, HL14, JZYP18, RCM⁺14, RLYL14, ZWC⁺10]. **Cuttlefish** [WWL⁺19]. **CV3** [FAFM19]. **CVs** [FAFM19]. **Cyber** [MSFM16]. **Cycle** [BFG⁺17, GFK⁺19]. **cycle-consistent** [GFK⁺19]. **Cylinder** [Gam16].
Cytosplore [HPvU⁺16].

D [AKS⁺19, CHWL19, DS11a, EHH19, FHE19, HAGO19, JL19, KPG⁺16, LSF⁺11, LLLY19, LTR19, NSC14, PS10, WMXC19, ADMAS18, ASH15, Att15, ATF12, AH11, AKM16, ARG⁺16, BSW⁺12, BIZ18, BSY⁺19, BCBB16, BCK⁺12, BLS⁺17, BHMT13, BdM14, BL18, CJXH17, CS16, COO15, CVCH14, CRC⁺15, CYY⁺11, CNKI13, CACB18, DDÖ⁺17, DGR⁺14, DER⁺10, DMS14, FW17, GS14, GBS19, GST14, GRT14, GT16b, GLX⁺16, GTB14, HT11, HCGW14, HMTH13, HRRR18, HL14, HL15, HMW⁺15, HBO⁺10, HYL⁺15, HRS18, HFL12, HKM15, HCSC16, JWH19a, JH15, JJKL18, JLW10, KZB19, KKB16, KFW19, KLTZ16, KCL⁺18, KG19, KCH⁺18, KGP⁺12, KBvP⁺17, KGGP18, LT17, Lav11, LCSL18, LOM⁺18, LJB⁺12, LDGN15, LWL⁺16a, LWS18, LGK16, LAFT12, LTX⁺14, LEM⁺17, LN17, MHS⁺14, MGY⁺18, MCHW18, MBES16, MGG10b, MbMYR15, MCG⁺19, MKP⁺16, MPWC13, MEKM17, NWHWfd16, NW17]. **D**

[NRM⁺¹², NRP11, NREM14, NBHN17, OM13, OW19, ORT18, OGHT10, PBMG15, PSCC18, PB11, PCX⁺¹⁸, PW12, PPBT12, PEP^{+11b}, PEPM12, PGK10, POG13, PBC⁺¹⁶, RXX⁺¹⁷, RI17, RAMG15, RGG18, RBRY19, RLYL14, SLB⁺¹⁸, SW10, SY14a, SYM10, Sch11, SK16a, STKD12, SXY⁺¹¹, SN12, SK17, SGS14, STC⁺¹⁶, SSS⁺¹², STP17, SJW⁺¹¹, SJWS13, SBL12, TDS⁺¹⁶, TWS⁺¹¹, TSW⁺¹⁹, TTB12, TBTB12, TWSM17, VGB^{+14b}, WH17a, WL10, WZL⁺¹², WRS⁺¹³, WCT⁺¹⁵, WZK16, WLL⁺¹⁷, WLJ⁺¹⁸, WBAI19, WGS10, WSSC11, WXW18, XXLX14, XXS⁺¹⁵, XSQ13, XSX⁺¹⁴, XXY⁺¹⁸, YFW12, YLLL15, YHL⁺¹⁶, YL11, ZZH15, ZZWC16, ZFG⁺¹⁷, ZRLS19, ZKWG16, ZWHK16, ZTG⁺¹⁸, ZSG⁺¹⁸, ZJC13, dGCSAD11, dHvPJV14, vPJtHRV12, vMRBPM17]. **D-Printing** [KFW19]. **Dashboard** [MSFM16]. **Dashcam** [CCC⁺¹⁴]. **Data** [AKMM11, ARH12, AFK⁺¹⁴, AAS⁺¹⁶, AECOK16, BDA⁺¹⁷, BMH⁺¹², BLY⁺¹¹, BWH⁺¹¹, BSW⁺¹⁴, BHR⁺¹⁹, BSY⁺¹⁹, Bik12, BKR⁺¹⁷, BBBL11, BBL12, BvLBS11, BTB13, CGT⁺¹⁵, CGM19, CKGC14, CC14, CLJ⁺¹⁵, CWL⁺¹⁵, CYI⁺¹², CNKI13, CWM19, CDS16, CMF18, CKE⁺¹², CKS⁺¹⁶, CR16b, DKG15, DAF⁺¹⁸, DRM19, DH16, DPD⁺¹⁵, DMSL11, DBS⁺¹¹, Duc14, EAGA⁺¹⁶, EGG⁺¹⁵, EIKM16, EHH⁺¹³, ECN14, FR11, FDL14, FL19, FMH16, GLHH13, GCLX17, GLK18, GHB⁺¹⁷, GCZ⁺¹², GKPL11, GRPF16, GSW12, HENfSYS16, HSK⁺¹⁰, HJM⁺¹¹, HVH⁺¹⁶, HSmCY13, HSH16, HPvU⁺¹⁶, HV10, HPH10, HLJ⁺¹³, HJS⁺¹⁷, IS15, KWD14, KZB19, KCJM16, KFH10, KKS⁺¹², KH18, KMJE12, KCA⁺¹⁶, KPG⁺¹⁶, KBvP⁺¹⁷, KVD⁺¹⁰, KFR⁺¹¹, KHI⁺¹⁹, KTW⁺¹³, KZZM12, LDB11, LSBP18, LMS⁺¹⁶, LKZ⁺¹⁵, LT16, LOM⁺¹⁸, LSS⁺¹², LCB⁺¹⁸, LMG^{+18a}, LFK⁺¹³, LFS⁺¹⁵, LJH13, LWBP14, LWT⁺¹⁵, LBJ⁺¹⁶]. **Data** [LCDW16, LGW18, MK11, MHK^{+19a}, MHK^{+19b}, MRL⁺¹⁷, MKP⁺¹⁶, MKSS12, MBT⁺¹², MLD⁺¹⁸, NNN11, NJB⁺¹¹, NHG19, OJMN⁺¹⁹, OGW19, POS^{+11a}, PSPM12, PLL11, PEP^{+11a}, PVS⁺¹⁸, PHL⁺¹⁶, PSC10, PEP^{+11b}, PEPM12, PDW⁺¹⁴, Pos11b, PKRJ10, PBC⁺¹⁶, RW18, RXX⁺¹⁷, RTK⁺¹⁴, RL16, RPLH11, RPMO13, RBRY19, RSSL17, RSK12, SSW14a, SSKB15, SML15, SCD⁺¹⁶, SBG17, SPB⁺¹⁷, STMT12, SA15, SY12b, SHW⁺¹⁸, SV10, SAAF18, SK16b, SvL16, SBS⁺¹⁷, SWG16, SGG15, SGG16, SLSG16, SRG⁺¹⁹, SSS⁺¹², SSSG16, TFA⁺¹¹, TWC⁺¹⁶, TLFC16, TCM10, TPRH11, VSG⁺¹³, VB14a, VF14, VM12, WHC15, WDM⁺¹², WYZC13, WXR⁺¹⁶, WLL⁺¹⁷, WLN⁺¹⁷, WBAI19, WG11, WBS⁺¹³, WHP⁺¹¹, WGO⁺¹⁴, WCH⁺¹⁵, XSE14, XKHK17, YWS⁺¹⁴, YKS⁺¹⁹, YNM⁺¹³, YLRC10, ZFAQ13, ZFA⁺¹⁶, ZLW⁺¹⁶, ZAM⁺¹⁶, ZM16, ZCW⁺¹⁹, ZZ17, vDHO16, vGPNB17, vdEvW13, vdCvW16, vdZLBI11, BHT19, CFG16]. **data** [KGGP18, NDD14, RK10]. **Data-Driven** [CKGC14, CC14, ECN14, GLHH13, GCLX17, GCZ⁺¹², HSmCY13, IS15, MHK^{+19b}, MBT⁺¹², RXX⁺¹⁷, RBRY19, SML15, SHW⁺¹⁸, WLL⁺¹⁷, XKHK17, ZLW⁺¹⁶, ZZ17, AECOK16, CLJ⁺¹⁵, EIKM16, HPH10, LOM⁺¹⁸, SA15]. **Data-guided** [HENfSYS16]. **Data-Parallel** [MKSS12]. **Database** [LDGN15, OAO11, SK17, LTR19]. **Database-Assisted** [LDGN15].

Databases [MHHH15]. **Dataflow** [VOS⁺10]. **Datasets** [AHG⁺19, HPvU⁺16, YDP19, ZC18]. **Deblurring** [BCN11a, CCTL12, EBC17, MPCG12]. **Debugging** [HSH16]. **Decadal** [KBL19]. **Decades** [MLP⁺10]. **Decals** [dGWB⁺14]. **Decay** [KRB11]. **Decimation** [SLA15]. **Decision** [BMPM12, CCH⁺14, CWS⁺17, KMJE12, LCP⁺12, WKS⁺14, WSK⁺19]. **Decision-Making** [WSK⁺19]. **Decoder** [LIK19]. **Decolorization** [YLL15]. **Decomposing** [IRWM17, KG18]. **Decomposition** [AGCO13, BÖK11, BMB15b, CG19, DSH⁺17, DJM12, ERHH11, HYZ⁺14, JTRS12, LJKL17, LVV18, MP12a, NKLN10, SSW14a, SJF11, TLRB18, WLZH17, WLX19, YL11, ZT10, ZRJ⁺15]. **Decompositions** [BKP17, Szy11]. **Decompression** [JBG17, MKSS12, OBGB11]. **Deconstructed** [SCM⁺19]. **Decorative** [STG16]. **Decoupled** [GTG17, WWT⁺16, ZM16]. **Deep** [ASL⁺19, APH⁺12, BMDS19, BM16, CWGvW19, CWL19, DAD⁺19, EIKM16, ESKBC17, Fre18, GZH⁺19, HGO18, HMP⁺12, HMRR19, KR19, hKTL⁺17, KKK18, KSP⁺18, KAT⁺19, KKR18, LVV18, LGK16, LPSB18, MBRHD18, NAM⁺17, VAN⁺19, XHW⁺18, ZLZ⁺18, HKM15, NW17]. **deep-learned** [HKM15]. **Deep-learning** [HMRR19]. **DeepGarment** [DDÖ⁺17]. **DeepProp** [EIKM16]. **Defect** [CK11a]. **Defect-Tolerant** [CK11a]. **Defects** [AAS⁺16]. **Deferred** [ENSB13, SBF15, TBP18]. **Defiltering** [WGH⁺19]. **Definite** [KASH13]. **Defocus** [JKL13, KSP⁺18, MPCG12, MTAM12, MVH⁺14, WWT⁺16]. **Deformable** [AWO⁺10, BvTH16, CKHL11, FMD⁺19, GGV⁺19, HK16, JZYP18, KKB16, LPH⁺15, MMO16, PKS10, PB11, RBC14, SKR⁺14, SSB13, SCF10, WC14, WWD15, YYG18, BMM⁺15]. **Deformation** [BD12, CRY11, CGS16, ELC19, GSZ11, GSDC17, HK16, HYZ⁺14, ISYM15, JWS12, JZW14, KKB16, KS14, KSO10, KWW⁺14, LJK⁺12, LLC10b, MS11b, MBT⁺12, MWW16, PWS12, RKSA17, SKNS15, SK17, SBCBG11b, SVWG12, UBH14, VRBC17, WK12a, WDAH10, WWH⁺14, YLHQ14, ZXTD10, GFK⁺19, RRS12, TAAP⁺16]. **Deformations** [FSTR13, FB11, HCW17, NVH⁺13, SBO18, SHF13, SKPSH13]. **Deformed** [PTW13, SLHC12]. **Deforming** [AW13, GB10, CH12]. **Degenerate** [CFS14]. **Deghosting** [TAEE15, TAEE16]. **Degradation** [HM15]. **Degree** [SS15a, SHD16]. **Delaunay** [CCW12, DLS10, DS11b, SSE⁺14, ZSW⁺10b]. **Delay** [WBFvL17]. **demand** [GLX⁺16]. **Demonstration** [SE19]. **Demosaicing** [HGO18]. **Dendritic** [RHLH18]. **Denoising** [BRM⁺16b, BB17, EBC17, HDL11, KS13a, LZFH18, MC17, MJL⁺13, MVH⁺14, RDK13, RMZ13, VAN⁺19, WZCF15, ZWY⁺13]. **Dense** [DRW15, LK19, NJC⁺19, SY11, ZLZ⁺18, CSFP12, WHD17]. **DenseCut** [CPZ⁺15]. **Densely** [CPZ⁺15]. **Density** [DWR10, ERA⁺16, EHT18, FM15, GUS12, HGNH17, HET12, LH11, LGW18, RÖG17, WZL⁺12]. **Density-based** [DWR10]. **Dependency** [DG12]. **Dependency-Free** [DG12]. **Dependent** [BPKB14, GPK⁺12, GKKT13, HGRS⁺17, HS19,

KBK13, LCSCO10, LRB⁺¹⁵, NPDD11, SW10, SW17, SBD15a, vDHO16].
Depiction [BCRA11]. **deposition** [RCM⁺¹⁴]. **Depth**
 [AMTMH12, AMAM13, BEJM15, BTS^{+17b}, CWW⁺¹¹, CCC⁺¹⁴, FO12,
 HM15, IEK⁺¹⁴, JSLW14, KRMS13, LK17, LEE17, LFS⁺¹⁵, LCD10, LTX⁺¹⁴,
 MRD12, NSC14, NDD14, PHE⁺¹¹, RWW16, RHL12, SGM⁺¹¹, SSJ⁺¹⁰,
 XXS⁺¹⁵, XXY⁺¹⁸, YWY10, PHM⁺¹⁴]. **Depth-and-Normal** [JSLW14].
Depth-augmented [HM15]. **Depth-of-Field** [CWW⁺¹¹]. **Deraining**
 [LQS⁺¹⁹]. **Derived** [SLSG16, ACAA⁺¹⁹]. **Description** [GUS12].
Descriptions [JS10, SKSS14]. **Descriptive** [BDA⁺¹⁷]. **Descriptor**
 [AKM16, BvLBS11, MGG10b, NO17, ZYF13]. **Descriptors**
 [BMM⁺¹⁵, BMR⁺¹⁶, COO15, HKM15, RBRY19, RÖM⁺¹⁵, LBBC14].
Desertscape [PPG⁺¹⁹]. **Design**
 [AWO⁺¹⁰, ADN⁺¹⁷, BRM^{+16a}, BFR17, BLS⁺¹⁷, CE19, CKE⁺¹², CCH⁺¹⁴,
 FvdP15, FKR13, GEY12, GLX⁺¹⁶, HRS⁺¹⁶, HGO18, HSH16, Hua17,
 IMAW15, Jac17, Jac19, KGP⁺¹², KW18, LT17, LBRM18, LZY⁺¹⁷, LLM⁺¹⁷,
 LHH⁺¹³, MKMA19, MKR11, MJK11, MK15, MEKM17, NKSI16, NW17,
 NBA19, OPP10, RSM⁺¹⁶, RLGH15, SS16, SLE17, SGS18, SH14a, SH14b,
 SPB⁺¹⁷, STG16, SP13, SA15, SPF⁺¹⁹, SHK15, STBG12, SMS⁺¹⁷, TSW⁺¹⁹,
 UMK19, VCD⁺¹⁶, WHC15, WZL⁺¹², WK12b, WTH⁺¹³, WFLW18,
 WBFvL17, YCXW17, ZLW⁺¹⁶, ZFE16, ZLDM16, vdKdJP⁺¹⁹, CLGS18,
 KP11, MVLS14, SBD^{+15b}, YZC18, XXM⁺¹³]. **Design-to-Assembly**
 [Jac19]. **Designing** [DI18, DVPSH14, GDAU14, GCW15, KCH19, SS16,
 STG16, SPV⁺¹⁰, TLM16, ZSW10a]. **Designs** [ZCL18, RLYL14]. **Desktop**
 [JSH⁺¹³, MCG⁺¹⁹]. **Destination** [BBBL11, ZFA⁺¹⁶, ZSJT19].
destinations [vDHO16]. **Detail** [BHS⁺¹⁷, BCN11b, DGP17, GRE11, GP18,
 HREB11, JKL13, KDCM14, KBK13, LPD14, OJS⁺¹¹, PJR⁺¹⁴, SBD15a,
 SRK13, WT11, WYY13, ZCH⁺¹⁷, ZBM⁺¹⁷, SLKL14]. **Detail-Preserving**
 [DGP17]. **Detailed** [NJGW15]. **Details**
 [BDC18, GD10, HK16, ZHLW18, ZYF10, GGG^{+16b}]. **Detangler** [RMM15].
Detected [PSCC18]. **Detecting** [WKM15]. **Detection**
 [ARRO⁺¹⁷, ABW⁺¹⁵, BMH⁺¹², BPW14, BFG⁺¹⁷, FWPS11, GL12, JL17,
 KZB19, KBWS13, KSP⁺¹⁸, KLAB15, LMW⁺¹⁹, LPH⁺¹⁵, LLC⁺¹⁵, OLA16,
 PKS10, PCBS16, RBC14, SCN⁺¹⁶, SR19, SAD⁺¹⁶, SLD⁺¹⁷, SGS14,
 SBM⁺¹⁴, SJWS13, VMTS10, WTTM15, WTMT18, WMXC19, WDZ17,
 WC14, YMJ⁺¹⁷, ZDM⁺¹⁴, ZVE⁺¹⁴, MPM⁺¹⁴]. **Detector** [CWL⁺¹⁵].
Determining [OM13]. **Deterministic** [AGR19]. **Develop** [SJL15].
Developable [SVWG12]. **Developing** [GKLS19]. **Development** [LTC18].
Devices [KKTD17, RKR⁺¹⁶, UMM⁺¹⁰]. **Dexterous** [BYL16]. **Diagnosis**
 [ZVE⁺¹⁴]. **Diagram** [EDPB15, Man16, QYZ17, QCW⁺¹⁸]. **Diagrams**
 [BPY16, DvKSW12, GEY12, HHA17, HET12, LBK14, MWTI19, NL13,
 NB12, XLS⁺¹⁴, SNA17, SBD^{+15b}]. **Diamond** [WD11]. **Dichromats**
 [MO10]. **Dictionary** [LOM⁺¹⁸]. **Dictionary-based** [LOM⁺¹⁸]. **Difference**
 [GG15, HCO18]. **Differences** [HAGO19, PSCC18]. **Different**
 [AMYB17, ARM⁺¹⁵, CCH⁺¹⁴, HV10, MBDC15, SSM12, PCBL16, RAmB⁺¹⁹].

Differential

[BM16, BHU10b, CDS10, FSES14, JTSZ10, MS10a, Rus10, VVP⁺16, YI10].
Differentials [EBR⁺14]. **Difficulty** [ZDJ16]. **Diffraction** [DTS⁺14, SLE18].
Diffusion [BS12b, BMR⁺16, BLW11, HCJ13, HHA17, Jes16, KSW⁺12, KPS⁺14, PJSH15, ZCH⁺17, vFG11, HGA⁺10]. **Diffusion-Based** [vFG11].
Diffusive [HWK15, KK18]. **Digital** [CG16b, DJM12, GGP⁺19, GBS19, JFCS17, JSH⁺13, SCP⁺17, VGB14a, ZH12, CFGL16]. **Dihedral** [VR12].
Dimension [ATW15, FR11, LF10, MDI⁺18, YS19]. **Dimension-reduced** [ATW15]. **Dimensional** [ABD10, BTB13, FR11, FDL14, GHWG14, JH19, KKS⁺12, KZZM12, LZQ13, LWBP14, LBJ⁺16, LHNS18, MC14, PSPM12, PHL⁺16, STMT12, SGG16, TLRB18, WLN⁺17, vdCvW16, EHH⁺13, JPN15, KARC15, Kur15, LKZ⁺15, LWT⁺15, TWSM17, ZCW⁺19]. **Dimensionality** [PSPM12, RL15]. **Dimensioning** [KWM15]. **Dimensions** [EMP⁺12, KZZM12, LK13, TWMSK18]. **DimSUM** [MDI⁺18]. **Dipoles** [BSW⁺12]. **Dirac** [LJC17, YDT⁺18]. **Direct** [AFK⁺14, BELD13, BD16, DKWB18, ER18, JKK⁺18, KPD10, KVS⁺14, KGP⁺12, KWN⁺14, LWBP14, LKG⁺16, OT11, OLF⁺14, RGG⁺14, SJ19, SGM⁺11, ŠPBV10, VCRG14, WK12b, XSE14, ZKWG16, SNJ⁺14, WZC⁺11].
Direct-Touch [KGP⁺12]. **Directable** [MSGT18]. **Directed** [SAAB11, ZWHK16]. **Directing** [GLCC18]. **Direction** [MYGY19, WZK16].
Directional [CIE⁺16, Hua17, LFA⁺15, VCD⁺16, MFW18]. **Director** [AWCO10, MCB16]. **Dirichlet** [LPG10, SGB13]. **Disassembling** [Att15].
Disassembly [KKSS15]. **Discovering** [BLY⁺11, CDM⁺17]. **Discovery** [PZDD19, SBCBG11a]. **Discrepancy** [PCX⁺18]. **Discrete** [BCBSG10, BDS⁺12, CDS10, FB11, HRWW12, HZRS18, LGH13, MSS11, PPH⁺13, SLZ⁺19, VMH⁺13, WLT12, WJB⁺13, WWH18, YMJ⁺17, ZXW19, dGLB⁺14, DFIM15, WIFD13, YDT⁺18]. **Discretization** [QPCRM19].
Discretizations [SJP⁺13]. **Discrimination** [NWHWfD16]. **Discriminative** [SXY⁺11, WLN⁺17]. **Diseases** [ZVE⁺14]. **Disk** [EMP⁺12, ERA⁺16, ENMGC19, Gam16, Yuk15]. **Disks** [EMA⁺13].
Disorders [BW17]. **Disparity** [KRMS13, RHL12, SBE19b, DKR⁺14].
Dispersion [HHGJ15]. **Dispersion-based** [HHGJ15]. **Displacement** [JH12, ZR19, vGPNB17]. **Display** [CLGS18, HLR⁺11, KKTD17, KAS⁺19, LMLG15, LMG⁺18b]. **Displays** [DER⁺10, ESKD14, GRPF16, HF16, MbMYR15, RHS⁺12, SM10, WRK⁺16, WHL10, CHA⁺14]. **Disruption** [RPMO13]. **Dissection** [TSW⁺19].
Dissimilarity [KMAB15]. **Dissipation** [GBG⁺14, SBO18]. **Distance** [AMAM13, BDF⁺14, BF15, BFG⁺17, CG16a, CT11, CSS⁺18, LMM10, LPK13, MRL10, PPL13, PGK10, SFFP15, WCX⁺13]. **Distance-Based** [BFG⁺17].
Distances [CK11a, Pat16, Pat17]. **distill** [GBM⁺19]. **Distilled** [AEWQ⁺15].
Distinctive [SDA⁺18]. **Distortion** [LWBP14, VP11, ZR19, VR12, VB14a].
Distortion-Free [ZR19]. **Distortion-Guided** [LWBP14]. **Distortions** [ČHM⁺13]. **Distributed** [BAA⁺16, GG14, LS16, MHHH15, MKRE16, TIK17, UWA⁺19].

Distributing [HB19, SHQL18]. **Distribution** [GGV⁺19, Hd14b, KH18, RBMS17, WYKR17, BSH12]. **Distributions** [ACKM16, ENMG19, PSP10, SDS⁺16]. **Dithering** [LLC19]. **DIVA** [KQR⁺19]. **Divergence** [ELC19, KS14]. **Divergence-Free** [ELC19, KS14]. **Diverse** [ESKD14]. **DMAT** [YYG18]. **DNA** [MDI⁺18]. **Document** [CY11, CWG11, EAGA⁺16, HC14, KvLB14, LKC⁺12, OSR⁺14, PTT⁺12, SSDK12, SSSG16, WPW⁺11, ZAM⁺16]. **Documents** [LKC⁺12, PTW13, PTT⁺12, SSDK12, SSS⁺12, PSP⁺14]. **Domain** [BYM18, BCCS12, HOB⁺19, HGNH17, HGP⁺19, LL18, MVZ16, RLH⁺17b, GGM12]. **Domains** [SBC16, SCM⁺19]. **Domes** [SM11]. **Dominant** [GSW12, PP11, PW13, KP19, ZSW10a]. **Donut** [SK16b]. **Doughnut** [CEX⁺18]. **Downsampling** [TMH11, LN18]. **dPSO** [VMH⁺13]. **dPSO-Vis** [VMH⁺13]. **Drawing** [BZBM⁺16, CLJ⁺15, CLLC15, FWX⁺13, FCS⁺16, GZH⁺19, IIX⁺19, KHKS12, KWÖG18, LTKD15, LFA⁺15, PFC15, WLL⁺17, YSM19, YKM12, ZLDM16]. **Drawing-Style** [WLL⁺17]. **Drawings** [CBC⁺15, DKMT18, KÖS⁺15, NS19, WK17, XSQ13]. **Dressed** [STC⁺16]. **Dressed-Human** [STC⁺16]. **Driven** [BS19, Bru19, CKGC14, CC14, ECN14, FB11, GLHH13, GCLX17, GCZ⁺12, HSmCY13, IS15, JKK⁺18, KFA⁺14, LWBP14, LRB⁺15, MHK⁺19b, MBT⁺12, NGDA16, RXX⁺17, RBRY19, RSK12, SML15, SHW⁺18, TCGK15, VS10, WK12b, WLL⁺17, XKHK17, ZLW⁺16, ZZ17, AECOK16, CLJ⁺15, EIKM16, HPH10, LOM⁺18, LMPS16, MHS⁺14, MRM⁺18, MFNP13, MBM13, RGG15, SA15, WSR⁺17, ZR13]. **Droplet** [YLHQ14]. **Droplet/Spray** [YLHQ14]. **Drosophila** [SMB⁺17]. **Drug** [KQR⁺19]. **Drug-Drug** [KQR⁺19]. **Drying** [JPK13]. **DTI** [SEI10]. **Dual** [DRW15, IEGT17, RCM⁺14, SDKG18, Tak19, WHLW19, ZNZ19, WIFD13]. **Dual-color** [RCM⁺14]. **Duals** [LMP⁺10]. **Dubbed** [GVS⁺15]. **DuctTake** [RWSG13]. **During** [GLGW12, OGW19]. **Dwivedi** [MHD16]. **Dynamic** [ACS⁺17, BHRD⁺15, BSC16, BBDW17, BBB⁺18, BLV⁺10, Bru19, BKW13, BBP10, CKL14, CNKI13, CLL⁺13, DPF16, GRE11, GEY12, GPRS14, HLR⁺11, ISYM15, IFDN12, JL17, JVS⁺12, JvdGMR19, KKK18, KKPL19, KFLCO13, LBPH10, LWT⁺15, MBRHD18, MC10b, MWTI19, NPW10, RTJ⁺11, REH⁺11, SPB⁺19, SAMS⁺17, SY14b, SHG⁺16, SWG16, SRG⁺19, VS10, VP11, VBAW15, VH15, WWL⁺19, WKM15, WG12, YWC⁺10, YL10, YWY10, EMU17, LCMP19, VMHB14]. **Dynamically** [ZZL⁺17, CBV⁺14]. **Dynamics** [ATK17, BET14, BTM⁺19, FSTR13, FP15, FMD⁺19, GRDE10, HENfSYS16, KHI⁺19, LMA⁺18, NHL16, PDV⁺15, SMSH18, SHS⁺17, TFA⁺11, WBS⁺13, ZTW⁺12, OKK13]. **DYVERSO** [ATO17].

EACS [BP17]. **Easy** [CY11, SCR⁺18, WHS⁺18]. **EasyXplorer** [WCH⁺15]. **EcoBrush** [GLCC17]. **Ecology** [SvL16]. **Ecosystems** [GLCC17]. **Eddies** [LSB⁺17, SJ13a, WHP⁺11]. **Eddy** [WPH⁺12]. **Edge** [BdM14, HDL11, HGRS⁺17, JGH11, LHT17, LJZX15, LFA⁺15, TE10,

WTL15, ZSJT19, ZWHK16]. **Edge-Aware** [WTL15, LFA⁺15]. **Edge-Optimized** [HDL11]. **Edges** [BLVD11, BW13, SAAB11, LBA10]. **Edit** [BHW11, EIKM16, RKGS18]. **editable** [CH12]. **Editing** [BKY⁺16, BHW11, BCK⁺12, BKP17, CCM16, CJZW12, CG16b, CCT12, DRA10, DJM12, EKFM12, FACO17, FCS⁺16, GCLX17, GMLMG12, GSE⁺14a, GG15, GLGW12, HMTH13, HM15, HZZ11, HSK14, Jes16, KMS⁺13, KMAB15, KPD10, KrJC⁺11, LAS⁺11, LJZX15, Lie17, LSL⁺19, LLSC13, MBM13, MIW13, NKLN10, NSRS13, OPP10, PW13, RLH⁺17b, SMH10, SBE19b, SPN⁺16, SHJ⁺16, SARZL10, TZD11, TRAW12, WDR11, ZH12, ZLDM16, dGWB⁺14, DCNP14, LGC⁺19, NGM14]. **Editorial** [CR16a, CR17, CB18, DZ15, GR11, JAP10, RD12, RD13, RD14a, RD14b, SG10]. **Editors** [Pet10, Pet10]. **Edits** [LJH10]. **Education** [SDA⁺18]. **EEG** [APM⁺11, JvdGMR19]. **Effect** [CEX⁺18, GCGP18, HK16, MK15, WWV17]. **Effective** [BP17, Gia18, KGM⁺10, LF10, TLM16, VF16, WCT⁺15, XBL⁺18]. **Effectiveness** [APM⁺11, KH18]. **Effects** [AMT⁺12, HHRZ12, JMV⁺15, KH18, MSK14, OKG⁺10, RKN12, SGM⁺11, SKWL13, VWH18, WSK⁺19, WYKR17]. **Efficiency** [CCI13]. **Efficient** [Aan18, AMTMH12, Att15, AKM16, AO13, BAAM17, BHW11, Bik12, CC14, CDA⁺14, CWW⁺11, CGH18, DZD⁺16, DGR⁺14, FFN18, FBL16, FM15, GPGSK18, GGG⁺16b, HD14a, HA19, HZZ11, HHH12, IGMK⁺16, IEK⁺14, JH19, JKL⁺16, KS11, KSO10, KBS11b, KrJC⁺11, KCL⁺18, KL19, LWS⁺16, LLC⁺15, LVW⁺15, MCH13, MJBC13, Meu19, MK15, MRS12, MGN17, NS11, OM13, OGB11, POS⁺11a, PBPP11, Pat17, QYZ17, RWW16, RKR⁺16, RLH⁺17b, RPMO13, RS19, SBE16a, SLE18, SSO⁺10, SKZ13, SDS⁺16, SO10, TDNL18, TMRL14, TE18, TSdSK13, TSK14, TZD11, VGB14a, VB14b, VH15, WZC⁺11, WZKP14, WTTM15, WLT⁺17, WTMT18, WBS⁺13, WCB15, WTH⁺13, XL10, XXZC13, ZCZL13, ZZH15, TPSH14b]. **Efficiently** [MRD12]. **EG** [DS11a, LSF⁺11, PS10]. **Eigenproblems** [NBH18b]. **Elastic** [Cet19, EHA⁺19, KSKL13, LLC10b, PGBT18, SBO18, ZZT15, MWCS13]. **Elasticity** [TE18, ZLW⁺16, ZZL⁺17]. **Elasticity-Based** [TE18]. **Elasto** [ZLKW13]. **Elasto-Plastic** [ZLKW13]. **Elastoplastic** [CZZ⁺18]. **Electors** [ATCO⁺10]. **Electronic** [CKL14]. **Electroporation** [KFR18]. **Electrostatic** [SGBW10, SGW12]. **Elegantly** [GLGW12]. **Element** [BHU10b, KWSH⁺13, MRS18, XGDC17, YFW12]. **Elements** [BEF17, CK11b, CFS14, GBG⁺14, HZZ11, JTSZ10, PSC10, ÜFE10]. **Elevation** [SS15a]. **Elimination** [Yuk15]. **Ellipses** [GUK⁺17]. **Ellipsis** [SH14a]. **Ellipsoid** [XDY18]. **Embedded** [BGCP11, BXH10, GBW16, KFA⁺10, AH11]. **Embedding** [ABK⁺19, CK14, KCL⁺18, PHL⁺16, SSSSW13, SDKG18]. **Embeddings** [BLTD17, HG18, HVP⁺19, LJLH19]. **Embellishment** [LLC13]. **Embellishments** [SHK15]. **Embodied** [Thi11]. **Emission** [WW11]. **Emissive** [KYM19, SHZD17]. **Emotion** [ACC15, KKL16a]. **Emotions** [ACC15]. **Emphasis** [BRM⁺16a, GOH⁺10, HPK⁺16]. **Empirical** [AKMM11, SBLC17]. **Empirically** [KARC17]. **Employing** [PEPM12].

Empty [GKL17, Man16]. **Enabled** [VOS⁺10, OAJ14]. **Enabling** [ACS⁺17, CJP⁺19]. **Enclosing** [LK13]. **Encoding** [AMAM13, HWA⁺10, KGR⁺16, POCM19, VP11, XTZ19, VB14b]. **Encodings** [KH18, PH17, SK16b]. **Encounters** [BMH⁺12]. **End** [APH⁺12]. **Energy** [ACAA⁺19, Cet19, KSS⁺15, MMO16, PTA⁺11, SGB13, ZLM⁺15, dFH⁺11, HP11]. **Energy-Based** [MMO16]. **Energy-Conserving** [dFH⁺11]. **Energy-scale** [PTA⁺11]. **enforced** [JZW14]. **enforcement** [TSK14]. **Engineering** [ABW⁺15, DPD⁺15, KBHM15, LSS⁺12, LMK⁺15, PPBT12, PH17, RPK⁺12, TTB12, DMS14]. **England** [ID10]. **Enhanced** [CNCO15, JESG12, LM15, PSCC18, RAMG15, TGM12, XCDR10]. **Enhancement** [BCN11a, CZY11, HA11, HDL11, KLW12, LLC11, MO10, RHL12, SLCL19, ZCC14, ZBW11, HHS14, SLKL14]. **Enhancements** [TMHD12]. **Enhancing** [KK11b, LCC⁺18, PW17, QWZ⁺19, SK10, SGG16, VMTS10, WYD⁺13]. **Enjoyment** [SSK16]. **Enriched** [KL19, ZZL⁺17]. **Enriching** [KBB⁺17, vDvdEvW19]. **Ensemble** [KBL19]. **Ensembles** [FKRW16, HW10, KWS⁺15, LMK⁺15, MW18b, PPBT12, WKS⁺14, ZCH⁺17]. **entangled** [GGG⁺16b]. **Entities** [ACC15, SJB⁺17]. **Entity** [EASG⁺17]. **Entropy** [HVH⁺16, KS13b]. **Environment** [BCD⁺13, BNJ15, BCRA11, KL14, KÓOH13, MRMH12, PMD12, SH14b, SPV⁺10, IMDN14, TAAP⁺16]. **Environment-Adaptive** [KL14]. **Environmental** [GPG⁺16]. **Environments** [CKHL11, DDH⁺18, FVHK17, JH15, MHA17, MCG⁺19, PDV⁺15, SCCN11, DGR⁺14, JPCC14, LCMP19, EHH19]. **EnvyDepth** [BCD⁺13]. **EPDiff** [AVBC18]. **Epigenomic** [YNM⁺13]. **equalities** [SSJ⁺10]. **Equalizer** [LMS⁺16]. **Equation** [PHTB12, HGA⁺10]. **Equations** [CRGZ10, YLG⁺18]. **Equivalence** [ZRLS19]. **equivalent** [vDHO16]. **Erosion** [CBC⁺16]. **Erratum** [Ano13a, Ano13b, Ano15b]. **Error** [BEEM15, CJWL19, DCYG19, EPAS11, JKJL18, MMG10, NIDN16, SNJ⁺14, VR12, VD18, WTTM15]. **Error-Correcting** [EPAS11]. **Errors** [GKPL11, HB19, KUMY10]. **Estimates** [LH11, SSSSW13, ZHD18]. **Estimating** [JCW11]. **Estimation** [AAS17, BEEM15, BM12, BM16, CEX⁺18, CACB18, DDÖ⁺17, GUS12, HDF15, HGNH17, HWL18, HET12, JMD15, KUMY10, LWDB10, LJL⁺18, LMGH⁺13, MBT⁺12, MMO16, MES⁺11, NIDN16, SW17, STC⁺16, VVP⁺16, WHD17, YWF⁺19, ZNZ19, ZRJ⁺15, vMRBPM17, SD10b, WFZ⁺15, WGO⁺14]. **Estimators** [SKGM⁺17, WYD⁺13, SNJ⁺14]. **Eulerian** [JS10, PCBL16]. **EUROGRAPHICS** [Ano10a, Ano11c, Ano12d, Ano13f, Ano13i, Ano10c, Ano11e, Ano12f, AJL⁺11, Bru11, Can11, CSLG10, Eis11, ID10, IC11, Kuh12, Ano10b, Ano11d, Ano12e, Ano13g, DS11a, LSF⁺11, PS10, WBP11]. **EvalBench** [AHR13]. **Evaluating** [BHT19, CCH⁺14, GHX⁺17, HVH⁺16, HYL⁺15, JVS⁺12, KK17, OJ15, SDK⁺15, WLS13, HDV19]. **Evaluation** [AKMM11, ARH12, AHR13, APM⁺11, APP10, BGCP11, BH19, BELD13, BMB⁺18, BCBL13, CRY11, CK10a, CE19, DBS⁺18, EWMU13, HV10, JC10, JKLS10, KDC17, KHW13, LCSCO10, MBDC15, MK15, MAAG12, OJ15,

RGSK10, RB10, RLP10, RL15, SLB⁺¹⁸, SSKB15, SA15, SHK15, SBD^{+15b},
 TAEE15, UMM⁺¹⁰, WHC15, WV11, YCXW17, BLD14b, WGO⁺¹⁴]. **Even**
 [BHW17]. **Event** [CWM19, HDF15, KCJM16, LKD⁺¹⁷, WHD17]. **Events**
 [GPK⁺¹², PZDD19, SCD⁺¹⁶, vDvdEvW19]. **Everywhere**
 [IRWM17, LSR17]. **Evolution**
 [Duc14, GLG⁺¹⁶, RTJ⁺¹¹, SKZF11, SLSG16, TOZ⁺¹¹, VBAW15, WBT19].
Evolutionary [BCBL13, RC19]. **evolving** [CEG⁺¹⁸]. **EWA** [HWK⁺¹⁰].
Exact [CK10b, Kaz15, MC19, MAAG12, SHCB15]. **Exaggeration** [TX16].
Examining [QPCRM19]. **Example** [CYC15, FLJ⁺¹⁴, FB11, GLCC18,
 GMM⁺¹², KS10, LP15, LPG19, LFA⁺¹⁵, NGDA16, PP10, RJT18, RÖM⁺¹⁵,
 RSK13, SLB⁺¹⁸, SD10a, SJT⁺¹⁹, ZZT15, ZLW15, ZLL13]. **Example-Based**
 [CYC15, GMM⁺¹², LPG19, PP10, SD10a, SJT⁺¹⁹, ZZT15, ZLW15, FLJ⁺¹⁴,
 KS10, LP15, LFA⁺¹⁵, RJT18, RSK13]. **Example-Driven** [FB11, NGDA16].
Examples [PNVS17]. **Excel** [WPHC16]. **Exchange** [WPH⁺¹²]. **Excitable**
 [NHL16]. **Exemplar** [IEKM16, ZCC14]. **Exemplar-Based** [ZCC14].
Exhibition [YH13]. **Expanded** [MW18a]. **ExpandNet** [MBRHD18].
Expansion [MBRHD18]. **Expectation** [JRJ11].
Expectation-Maximization [JRJ11]. **Experiences** [MRL⁺¹⁷].
Experimental [MTVJ11]. **Experiments** [Meu19]. **Expert** [BCBL13].
Explanation [SvW13]. **ExPlates** [JE13]. **Explicit**
 [DGP17, FWSH19, LTKD15, VM12, YWTY12, AVBC18]. **Exploiting**
 [RBDD18]. **Exploration**
 [ABW⁺¹⁵, AFK⁺¹⁴, BGCP11, BPF11, BSW⁺¹⁴, BCBL13, BBBL11,
 BBL12, BBP10, CSG⁺¹⁸, EAGA⁺¹⁶, EASG⁺¹⁷, FAFM19, FMH16, GH⁺¹⁷,
 GLG⁺¹⁶, HGRS⁺¹⁷, HVP⁺¹⁹, JE13, JvdGMR19, KRD⁺¹⁵, KQR⁺¹⁹,
 KvLB14, KFR⁺¹¹, KTW⁺¹³, LWBP14, LWT⁺¹⁵, ME13, Man16, NJB⁺¹¹,
 NLB⁺¹³, OSR⁺¹⁴, OJMN⁺¹⁹, PTW13, PEP^{+11a}, PFH⁺¹⁸, PEPM12,
 RvdHD⁺¹⁵, RCMA⁺¹⁸, RPK⁺¹², RAMG15, SMH10, WG11, WCH⁺¹⁵,
 YNM⁺¹³, ZH14, vdEvW13, AKZM14, DGR⁺¹⁴, MAG19, DKG15].
Explorative [BBB⁺¹⁸]. **Exploratory** [ADN⁺¹⁷, BH19, CHH⁺¹⁹, KGP⁺¹²,
 OGW19, SPF⁺¹⁹, SV10, SvL16, TCM10, WHC15, YPF19]. **Explore**
 [BHRD⁺¹⁵, SWG16, TLFC16]. **ExploreMaps** [DGR⁺¹⁴]. **Explorer**
 [RHM⁺¹²]. **Exploring** [AAB⁺¹⁰, BCD⁺¹⁰, BJA⁺¹⁵, CWG11, DBD⁺¹³,
 DRW15, HRS⁺¹⁴, HC14, JTRS12, KWD14, KFLCO13, KW18, LT17,
 LXF11, LBJ⁺¹⁶, MRL⁺¹⁷, PEP^{+11b}, PDV⁺¹⁵, RL16, SMSL17, SSM12,
 SHS⁺¹⁷, TLRB18, WLN⁺¹⁷, ZOM19, vdCvW16]. **Exponent** [GKT16].
Exponential [HA19, PR19, SFY13]. **Exposure** [GTM⁺¹², GPR⁺¹⁵, HA11,
 LP15, MPBM⁺¹⁷, SLE17, SBE19a, SLWSS15, ZNZ19, SBB14]. **Exposures**
 [KR19, LDG19]. **Expression** [MD19]. **Expressive** [IIX⁺¹⁹].
Expressiveness [KRMS13, LHH⁺¹³, WTLL13]. **Extended**
 [SSW14a, SWT⁺¹⁸, TGK⁺¹⁷, WZCF15]. **Extending** [DBK11]. **Extensions**
 [FPC⁺¹⁶]. **External** [BNN19, KLK17]. **Extinction** [GDML13]. **Extracted**
 [CS16]. **Extracting**
 [BPKB14, CJXH17, DHI⁺¹⁵, EIKM16, KBW⁺¹², KCH⁺¹⁸, LKD⁺¹⁷].

Extraction

[BAT11, GSW12, GT18, GLX⁺¹⁶, HLH^{+16a}, JWH19a, KG19, KRS⁺¹³, LW17, LW18, LKG⁺¹⁶, MBES16, MPWC13, POS^{+11a}, PTA⁺¹¹, SBD15a, WL10].

Extraordinary [MM19, MM18]. **Extrema** [JWS12]. **Extremal**

[GSW12, KCH⁺¹⁸, WMZ12]. **Extreme** [XXLX14]. **Extremities** [SY14a].

Extrinsic [LJC17, WMXC19, YDT⁺¹⁸]. **Extruded** [CJFH14, SM10]. **Eye** [BBGB19, BSBE17, BKR⁺¹⁷, BKW13, GRC13, HYL⁺¹⁵, KAS⁺¹⁹, KHI⁺¹⁹, RPA⁺¹⁵, WBM⁺¹⁸]. **Eye-Centered** [GRC13]. **Eyeglass** [KTN10].

F [vdCvW16]. **Fabricating** [CSaLM13]. **Fabrication**

[ASH15, Att15, BFR17, BCMP18, BRWM18, BLS⁺¹⁷, FKR13, HL15, HMA15, HBA12, Jac19, LMSG16, LZY⁺¹⁷, MEKM17, NKSI16, PDP⁺¹⁵, SP13, SCP⁺¹⁷, UTZ16, VGB14a, WW16, WZK16, YWM15, YCXW17, ZZWC16, ZLW⁺¹⁶, ZXZ⁺¹⁷, ZKWG16]. **Fabrication-Aware**

[BFR17, SP13]. **Fabrics** [SKZ11]. **Facade** [CML⁺¹², DCNP14, MWW12].

Facades

[AYLM13, HWA⁺¹⁰, KBK13, RBDD18, WXR⁺¹⁶, PW17, IMAW15, VCL⁺¹¹].

Face

[FNH⁺¹⁷, GVS⁺¹⁵, RC18, SLCO19, SDK⁺¹⁵, SK17, TX16, WL10, ZTG⁺¹⁸].

Face-Centered [RC18]. **Faces**

[BSC16, BBIG17, CLG⁺¹⁸, FGT⁺¹⁶, GVS⁺¹⁵, KÖS⁺¹⁵, LLLY19, ZSW10a].

facet [BSH12]. **Faceted** [BRM^{+16a}, FKR13]. **Facets** [YS19]. **Facial**

[BSC16, BS19, DBB⁺¹⁸, DYFX19, FHW⁺¹¹, FGT⁺¹⁶, GTB⁺¹³, KÖS⁺¹⁵, KMB⁺¹⁷, KRP⁺¹⁵, KBB⁺¹⁷, LJZX15, LXFW11, MD19, RC19, SRH⁺¹¹, SCR⁺¹⁸, SK17, TFA⁺¹¹, TX16, WL10]. **Facilitating** [BMPM12]. **Factored**

[CML⁺¹²]. **Factorization** [MC10b]. **Factorized** [WHB⁺¹³]. **Factors**

[DAF⁺¹⁸, MRL⁺¹⁷, SGS18, STMT12]. **Fairing** [CBLW19]. **Families**

[LT17, HKM15]. **Family** [YS19]. **Farthest** [BJFadH19, CG12, YGJ⁺¹⁴].

Fashion [SSE⁺¹⁴, CLGS18]. **FashionGAN** [CLGS18]. **Fast**

[ABD10, ATCO⁺¹⁰, BCCS12, BAT11, BHH13, BM12, CK11b, Csé18, FWPS11, FH18, GL10a, GPP⁺¹⁰, HCW17, HCW19, IUDN10, KS12a, KSO10, Kaz15, KLAB15, KKB18, KS12b, LK10, LK13, LWDB10, LMP⁺¹⁰, LPH⁺¹⁵, LW17, LGZ⁺¹⁶, MS16, MFPA15, MAM14, NS19, NBH18b, NL18, PKS10, PEPM12, POCM19, QYZ17, SR19, SZMTW15, SPD14, SO10, SJT⁺¹⁹, TSP16, VKJ⁺¹⁷, WWH18, WLM13, WTYH18, XSXM13, XWY19, YXX14, YYZZ18, YBY10, ZWC⁺¹⁰, ZLSW17, ZSW^{+10b}, GD16, VR12].

Fast-forward [ZLSW17]. **Faster**

[BRM^{+16b}, LCD10, MS16, NB12, SGEM16]. **Fat** [BJB⁺¹⁸]. **Fat-Tree**

[BJB⁺¹⁸]. **FaVVEs** [BRM^{+16a}]. **FCC** [VCRG14]. **Feathering** [LLC⁺¹⁵].

Feature [BYM18, BHU10a, CS16, CLLC15, DGQ⁺¹², ELM⁺¹², GSP19, GLK16, GLK18, GGP⁺¹⁵, HTG14, HLH^{+16a}, HGA⁺¹⁰, JH12, JKK⁺¹⁸, KMD⁺¹⁷, KYC16, LBG16, LB19, LPG10, LKG⁺¹⁶, LRB⁺¹⁵, MFNP13, MVZ16, MMV⁺¹³, POS^{+11a}, PHK⁺¹⁰, PTA⁺¹¹, RMZ13, SW17, SYM10, TX16, WL10, WYZC13, XXS⁺¹⁵, XADR13, YXX14, YYL⁺¹⁶, ZWY⁺¹³,

AFHdL14, WZC⁺¹¹]. **Feature-Aware** [CLLC15, KYC16, LBG16].
Feature-Driven [LRB⁺¹⁵]. **Feature-Oriented** [YXX14].
Feature-Preserving
 [BHU10a, DGQ⁺¹², HTG14, JH12, KMD⁺¹⁷, WYZC13, ZWY⁺¹³]. **Features**
 [ABCJ10, AMS16, ABK⁺¹⁹, AKZM14, BLY⁺¹¹, BBB⁺¹⁸, BHS⁺¹⁷, BPKB14,
 BM12, CJXH17, DMS14, EIKM16, KSP⁺¹⁸, KCH⁺¹⁸, KRS⁺¹³, PSCN10,
 PPH12, RHM⁺¹², Sch11, SJW⁺¹¹, WVV11, ZCOAM14, vdCvW16, LBBC14].
Featuring [Pos11b]. **Feedback** [AFHdL14, MTVJ11, XWY⁺¹⁵]. **Fellows**
 [Ano10b, Ano11d, Ano12e, Ano13g]. **FEM**
 [BHU10b, CFS14, JTSZ10, KKB18, SSB13, YI10, YLHQ12]. **Few** [MSZ⁺¹⁸].
Few-shot [MSZ⁺¹⁸]. **Fewer** [OMW16]. **Fiber** [AAS⁺¹⁶, CGT⁺¹⁵, FEM⁺¹⁹,
 KGM⁺¹⁰, LZB17, OVV10, PEPM12, RPK⁺¹², SSSSW13, SEI10].
Fiber-Level [LZB17]. **Fibers** [ACG⁺¹⁷]. **Fibonacci** [MBR⁺¹³]. **Fibrous**
 [KK14]. **Fictional** [RGM⁺¹⁸, SJB⁺¹⁷]. **Fidelity**
 [DMAL10, JVS⁺¹², WZCF15]. **Field**
 [AMTMH12, AH11, ABCCO13, BEJM15, BB12a, CWW⁺¹¹, COC15,
 DZD⁺¹⁶, DLY⁺¹⁸, DZC11, FKSS13, FL19, FKS⁺¹⁰, FKR13, GEZ⁺¹⁷,
 GT16b, GG17, HML⁺¹⁹, HWK15, HRS18, JWH19a, MRD12, NSRS13,
 NZH⁺¹⁸, NJC⁺¹⁹, OKG⁺¹⁰, OGHT10, PPM⁺¹⁶, PM19, RHLH18, SW10,
 SGM⁺¹¹, TW10, VSG⁺¹³, VCD⁺¹⁶, WLZT18, WZG⁺¹⁹, WCX⁺¹³, YWY10,
 ZZH15, BB14, CGT⁺¹⁵, CFGL16, EGG⁺¹⁵, SBB14]. **Field-Aligned**
 [DLY⁺¹⁸, NZH⁺¹⁸, WZG⁺¹⁹]. **Field-Coherent** [PPM⁺¹⁶]. **Fields**
 [BCBSG10, BPKB14, BB12a, BOB13, BSEH17, CYY⁺¹¹, CGBG13, CSŠ18,
 DLD12, DVPSH14, FKSS13, GPK⁺¹², GRT18, GKKT13, GST14, GKT16,
 HLH^{+16a}, HMA15, KG19, KCH⁺¹⁸, LS16, LWS18, LKG⁺¹⁶, NVT⁺¹⁴,
 OBH⁺¹¹, ORT18, OT12, PPH12, PRW11, PW12, RSK12, SW17, SFFP15,
 Sch11, SFL⁺¹⁶, SBCBG11b, Szy11, SBL12, Tim12, TRAW12, VB14b,
 WRS⁺¹³, WGS10, WHT12, ZRLS19, dGLB⁺¹⁴, vPjTHR12, GRT14].
Figure [YPL19]. **Figures** [CYI⁺¹²]. **Filament** [KGM⁺¹⁰, HL14].
Filament-Surface [KGM⁺¹⁰]. **Filling** [SB13]. **Film**
 [HBRFP19, NDG17, TDMS14]. **Films** [NREM14, XADR13]. **Filter**
 [BCCS12, HGO18, MS14, PTO10]. **Filterable** [WWH18]. **Filtered**
 [AHMAM15, LTB19]. **Filtering**
 [ABD10, BEM11, BEJM15, BBB⁺¹⁸, BTS^{+17b}, CLC12, FWSH19, FR11,
 GO15, IGMK⁺¹⁶, JLKL16, KVS⁺¹⁴, KWN⁺¹⁴, KTW⁺¹³, KK11b, LZFH18,
 LWS⁺¹⁶, MS16, MJBC13, MIGMM17, RSD⁺¹², SFFP15, SDMS15, SGYF11,
 SBS⁺¹⁷, SXLS19, SCQ⁺¹⁹, Tok15a, TSPP16, VCRG14, WMB15, WHLW19,
 YBY10, YWY10, ZCZL13, ZDZ⁺¹⁵, ZSW^{+10b}, ZWY⁺¹³, ZRJ⁺¹⁵, LN17].
Filters [BTS^{+17b}, LK17, MS13, PK15, RI17, WYKR17]. **Final** [MW11].
Financial [KCA⁺¹⁶, ST18]. **Finding** [HKL17, LKF12, PLL11]. **Fine**
 [KKS⁺¹⁷, SY11, SY13, ZWY⁺¹³]. **Fine-Grained** [KKS⁺¹⁷]. **Finger**
 [LAFT12, WWS⁺¹⁵]. **Fingering** [SKK10]. **Fingerprint** [OKK13]. **Finite**
 [BHU10b, CK11b, GT15, GKT16, JTSZ10, KWSH⁺¹³, MRS18, ÜFE10,
 ZHD18]. **Finite-Elements** [CK11b]. **Finite-Sample** [ZHD18]. **Finite-Time**

[GT15, GKT16]. **Fire** [SKWL13]. **Firefly** [ZHD18]. **First** [APH⁺12, BRM⁺16b, CCC⁺14, GL10a]. **First-order** [BRM⁺16b]. **First-Person-Views** [CCC⁺14]. **Fisheries** [BMPM12]. **FitConnect** [OW19]. **Fitted** [GPP⁺10, OW19]. **Fitting** [ABCJ10, BTP13, FKSS13, KWW⁺14, LK13, LWL⁺16a, MHRK19, NL13, PPL13, TSB16, VSG⁺13, BSH12]. **fixed** [VR12]. **Flame** [OAM⁺18]. **Flare** [LE13]. **Flash** [MJL⁺13]. **Flat** [MEKM17]. **Flat-Foldable** [MEKM17]. **Flattening** [KMM⁺18, PTW13]. **Flattening-based** [KMM⁺18]. **Fleshing** [ZR13]. **Flexibility** [BLY⁺11]. **Flexible** [ABCJ10, BAAM17, BXH10, BSAP11, DAD⁺19, DZC11, PFC15, SR19, SVWG12, SB19, SFLP18, WK12a, WCH⁺15, vBE11]. **FlexyFont** [PFC15]. **Flicker** [WVW17]. **Flight** [HA11, KBKL10]. **Flights** [PSC10]. **FLIP** [CIPT14, FAW⁺16, SWT⁺18]. **Flips** [SY13]. **Floating** [MSS⁺10, SFLP18, SMG10]. **Floating-Point** [MSS⁺10]. **Flood** [CKS⁺15, CBKK⁺19, WKS⁺14]. **floor** [PGVG19]. **Flow** [Aan18, BGCP11, BBB⁺18, BPKB14, BP19, BBL12, CRC⁺15, CZY11, CK11b, CGS16, COC15, CKS⁺16, DI18, DYFX19, ELM⁺12, ELPH19, FE17, GOPT11, GSE⁺14b, GT15, GKT16, GT16a, GG17, HYL⁺15, HWK15, JS10, JWC⁺11, KSW⁺12, KSBC12, KS18, KFM⁺19, LGP14, LL19, LS16, MRL⁺17, MLP⁺10, MKP⁺16, MC14, NJB⁺11, OBH⁺11, OJMN⁺19, POS⁺11a, PTA⁺11, PPF⁺11, SGRT12, SEG⁺14, SLZ⁺19, SBL12, TBKP12, WHT12, WBT19, WPH⁺12, XWY19, ZHQH17, ZWC⁺10, ZAD15, dHvPJV14, vPJtHRV12, vPGL⁺14, CSFP12, KGGP18, LCMP19, PHE⁺11]. **Flow-Based** [FE17]. **Flow-Induced** [GG17]. **Flow-Orthogonal** [SGRT12]. **Flower** [YGCO⁺14]. **Flowers** [BSCH18, ZFG⁺17]. **Flows** [ATW15, BvTH16, GT16a, HRWW12, HWK15, KSBC12, LJB⁺12, RGG18, TAOZ12, TDF⁺15, WESW17, WMRSF15]. **Flowstrates** [BBBL11]. **Fluctuations** [DPF16]. **Fluid** [AMT⁺12, BSW10, CK13, EHT18, FAW⁺16, GBW16, HEW15, HJS⁺17, KPNS10, KSW⁺12, KAT⁺19, LCY⁺19, OAO11, SCN⁺16, SJ13a, SHQL18, SZMTW15, TL19, WMRSF15, WBT19, WTYH18, ZYF10, dHvPJV14]. **Fluid-Solid** [TL19]. **Fluids** [AIAT12, ATO17, ATW15, AWO⁺14, BXH10, CK13, CBC⁺16, DGP17, GGV⁺19, GDGP16, HLL⁺12, IPKK13, IEGT17, KPNS10, KAT⁺19, NC10, SCN⁺16, SKK10, TDF⁺15, TL16, WMRSF15, WKBB18, WYY13, YLHQ12, YWY12, CIPT14, YLCH18]. **Fluorescence** [JWH⁺19b, MFW18]. **Fluvial** [CBC⁺16]. **Flux** [BSW⁺12, KPS⁺14]. **Flux-Limited** [KPS⁺14]. **Fly** [LZB17, OAM⁺18, ZOA⁺18, DJSJ19, SKK⁺14b]. **Foams** [KL19]. **Focal** [SGG16]. **Focus** [BTM⁺19, GRE11, HVP⁺19, KGRG17, MbMYR15, OJS⁺11, TM13, BCN11b]. **Foldable** [MEKM17]. **Folding** [ZIM13, ZCBK12]. **Foldover** [SFL19]. **Foldover-Free** [SFL19]. **Follow** [OGW19]. **following** [LJK⁺12]. **Font** [ZCL18]. **FontRNN** [TXL⁺19]. **Fonts** [BBK⁺19, TXL⁺19, ZCL18]. **Footprint** [WH17a]. **Force** [Gov19, SAAB11, ZWHK16]. **Force-calculation**

[Gov19]. **Force-Directed** [SAAB11, ZWHK16]. **Forecast** [WFZ⁺15]. **Forecasting** [DPD⁺15, DPD⁺17, FKRW16, RCMM⁺16, RG19]. **Forecasts** [SWG16]. **Forest** [KS18, ZBM⁺17]. **Forests** [BN12]. **Form** [PSP10, GAK10, HMA15]. **Formalizing** [HPK⁺16]. **Format** [GPM⁺18]. **Formation** [IPKK13, XWY⁺15]. **Formed** [NKS116]. **Forms** [WLT12]. **Formulation** [PGBT18, TDF⁺15]. **Forward** [GT16a, LDdLRB16, WHD17, ZLSW17]. **forward-scattering** [WHD17]. **Foundations** [BRB⁺13, LFK⁺13, LJH13]. **Four** [HTG14, LZQ13, MTM12]. **Four-Dimensional** [LZQ13]. **Fourier** [SLE18]. **Foveated** [LCC⁺17, WRK⁺16]. **Fractal** [SB13]. **Fractals** [Gda17]. **Fractional** [LPD14]. **Fractions** [KPNS10]. **Fracture** [CZZ⁺18]. **Fractured** [GMM⁺12]. **Fragment** [PTO10]. **Fragment-Parallel** [PTO10]. **Frame** [DBS⁺18, KG19, LWL⁺16b, PC12, SKWL13]. **Frame-to-Frame** [PC12]. **FrameBuffer** [UWA⁺19]. **Frames** [BPKB14, HB19]. **Framework** [ABW⁺15, AMS16, BDA⁺17, BSC16, BDC18, CKGC14, CYY⁺11, CE19, DKMT18, FWPS11, GTL⁺18, HCSC16, JZYP18, KL19, LBJ⁺16, NIDN16, PEP⁺11b, PJSH15, RPLH11, SSE⁺14, TIK17, Vax14, XSE14, YMJ⁺17, ZCZL13, ZAM⁺16, BRM⁺16a, EPAS11, EKB14, Lie17, MAG19, YDT⁺18]. **Free** [DG12, DC10, ELC19, GGV⁺19, HMA15, KS14, KFW19, LGZ⁺16, NKS116, PPH⁺13, SFL19, SKTM11, YIC⁺11, ZR19, CBV⁺14, RRS12, RLH⁺17b]. **Free-form** [HMA15]. **Free-Formed** [NKS116]. **Freeform** [JWWP14, MIW13, XDY18, BPW14, DPW11]. **Freehand** [ZBW11]. **Frequencies** [BKW13]. **Frequency** [BDC18, IFL13, MC10b, OPP10, TM13, WWV17, IFDN12]. **Fresnel** [EKFM12]. **Friendly** [KGR⁺16]. **Front** [Ano16g, Ano16a, Ano16b, Ano16c, Ano16d, Ano16e, Ano16f, Ano17a, Ano17b, Ano17c, Ano17d, Ano17e, Ano17f, Ano17g, Ano18a, Ano18b, Ano18c, Ano18d, Ano18e, Ano18f, Ano18g, Ano18h, Ano19b, Ano19c, Ano19d, Ano19e, Ano19f, Ano19g, Ano19h, Ano19i, CCC⁺14, CSC⁺18, KSCN19, SGRT12]. **Frontmatter** [Ano15a, Ano15f, Ano15c, Ano15d, Ano15e]. **Fruit** [KRB11]. **FTP** [YSC⁺18]. **FTP-SC** [YSC⁺18]. **Full** [MMRO13, YHL⁺16]. **Fullsphere** [MC10b]. **Fully** [ACA18, LRBB17, SKZF11, WBM⁺18]. **Fully-Implicit** [SKZF11]. **Function** [AVBC16, BF15, CNCO15, GOH⁺10, HFM10, JH19, KPG⁺16, PPBT12, PGK10, PSO18, SPB⁺17, WZL⁺12]. **Functional** [AWO⁺14, BCGL18, DPW11, GSTOG16, GBKS18, HCO18, LRB⁺16, MWS⁺10, NMR⁺18, RPWO19, RCB⁺17b, RMC17, RLB⁺19, SVBC19, SSM12, WGBS18, ZCOM13]. **Functionality** [HSvK18]. **Functions** [AGJ12, BDF⁺14, HW10, HH10, IYS⁺13, JWS12, LLC⁺10a, LKG⁺16, MG11, MSS11, MRL10, NL13, NBHN17, PSP10, PDV⁺15, RSK13, SKZ13, SRK13, SFL⁺16, SS15b, SMG10, BCGS13, TWSM17]. **Fundamental** [WLT12]. **fused** [RCM⁺14]. **Fusion** [DYFX19, EGG⁺15, HW16, HA11, JJKL18, YCL⁺17, ZCZL13, KBÖ⁺14]. **Future** [OJMN⁺19, vLKS⁺11]. **Fuzzy** [LS15, SCF10, SDKG18, YSC⁺18].

G [KP19]. **G-splines** [KP19]. **galleries** [LSN⁺14]. **Game** [MVLS14, MTVJ11]. **Gamma** [BSH12]. **Gamut** [JWH⁺19b, NKB14, PR12, SSGM17]. **Gamut-Based** [NKB14]. **Gap** [YKS⁺19]. **Garment** [DDÖ⁺17, ZCF⁺13]. **Gas** [ZHQH17]. **Gathering** [LWLD11, MW11]. **Gauss** [Cet19, YBY10]. **Gaussian** [HWF⁺17, IFDN12, LS16, Tok15b, WFZ⁺15, XL10, YZXW12]. **Gaussian-Based** [HWF⁺17]. **Gaussian-Distributed** [LS16]. **Gaze** [BKW13, HBO⁺10, MBM13, OAJ14, PMG13, RKGS18, RPA⁺15, SGEM16, WBM⁺18]. **Gaze-Contingent** [SGEM16]. **Gaze-driven** [MBM13]. **Gaze-enabled** [OAJ14]. **GazeDirector** [WBM⁺18]. **GEARS** [WZKP14]. **GEMSe** [FMH16]. **Genealogical** [RHM⁺12]. **General** [AMS16, Ano10a, Ano10c, Ano11c, Ano11e, Ano12d, Ano12f, Ano13f, Ano13i, BEEM15, BÖK11, HVVR18, HCSC16, HLJ⁺13, KS13a, LT16, LWS⁺13, LBJ⁺16, MR17, PCDS12, PSP10, RÖG17, SV14, SDHL11, WZKP14, WHT12]. **General-Purpose** [HLJ⁺13]. **generalization** [vDHO16]. **Generalized** [AMAM13, BDA⁺17, CG16b, DLGY12, EDPB15, HWU⁺19, Jac17, Jes16, KPK10, MCM⁺12, PKS11, PGK10, STKD12, XTZ19]. **Generalizing** [CGT⁺15]. **Generated** [UKCB15]. **Generating** [DJSJ19, LVJ10, LLC19, MH17, RLGH15, TXL⁺19, WTLL13, Yuk15, LLLY19]. **Generation** [AKV15, BYM18, BSK⁺13, BLP⁺13, CNCO15, CG16a, CGH18, CBC⁺16, CEG⁺18, DCYG19, GPMG10, GTL⁺18, Gda17, GD10, GSZ11, IIX⁺19, JYS19, JSLW14, KS12a, KWC⁺12, KÖS⁺15, KMA⁺19, KGRG17, LMP⁺10, LEE17, NREM14, NS11, OJMN⁺19, RPA⁺15, RSK10, SYM10, SD10a, SCR⁺18, ŠBM⁺10, SB19, VKW⁺12, VGB14a, WL10, YCL⁺17, YWY10, ZZWC16, ZCX19, vFG11, vdKdJP⁺19, BMWW14, HGA⁺10, SKK⁺14b, SKK⁺14a]. **Generative** [CLGS18, KAT⁺19, QWZ⁺19, SLCL19, WGW⁺19, WPY⁺19, WLZX19, YDP19, ZLZ⁺18, HKM15, NW17]. **Generic** [LGC⁺19]. **Genetic** [Deb18, HSS17, LS15]. **Geneva** [Ano10c, Ano11e, Ano12f, Ano13i]. **Genome** [KMA⁺19, SCD⁺16]. **Genomic** [NHG19]. **Genomics** [LSS⁺12, MWS⁺10]. **Genotype** [GKPL11]. **Genus** [LK19]. **Genus-Zero** [LK19]. **Geo** [DBS⁺11, vGPNB17]. **Geo-information** [DBS⁺11]. **Geo-referenced** [vGPNB17]. **GeoBrush** [TSS⁺11]. **Geodesic** [CK11a, HZRS18, MR12, WK12a, XYM13, XLS⁺14, ZWC⁺10]. **Geodesics** [HRWW12, SCF10, ZZCJ14]. **Geodesy** [CHK13]. **Geographic** [CY14, LBK14, WKS⁺14]. **Geographical** [LCB⁺18, ZLMM16]. **Geological** [DKG15, RMH⁺18]. **Geometric** [ATK17, BHS⁺17, BMR⁺16, BvTH16, CK11a, CD10, CDSS14, FLL11, FSTR13, GUK⁺17, HK12, KZB19, KBK13, LMW⁺19, MLP⁺10, PCBS16, PSCC18, PPY⁺16, SLD⁺17, TSS⁺11, VKJ⁺17, WLX19, WMRSF15, YLX⁺16, BCGS13, BHU10b, VMHB14]. **Geometrical** [PRW11, SPT14]. **Geometrically** [SHCB15, TL19, YYL⁺16]. **Geometries** [JL17, Kaz15, RXX⁺17, WH17b]. **Geometry** [ABCJ10, BPW14, BS12a, BDS⁺12, BGS10, BNH10, BBDA10, CVDL16, CSD11, CCLN10, CCW12, CG19, CK13, CH11, CDS10, DKB⁺16, DRF12, DFY14, EMP⁺12, EBGM12, FWX⁺13, FGT⁺16, GPK⁺12, HRS⁺14, HM15, HMA15, HREB11, IEKM16,

Kaz15, KMHG13, Kim15, KBÖ⁺14, LT17, Lai13, LGH13, LTB19, LZQ13, LJBA13, LPG10, LCLJ10, LLW12, MS10a, MS12, MCM⁺12, MBG⁺12, MSWI12, MPM⁺14, MPWC13, NWHWFD16, Pat16, PHK⁺10, PPM⁺16, PKS11, PK15, Rus10, SCM⁺19, SY12b, She12, SLHC12, SFL⁺16, SYT⁺13, SJW⁺11, TSS⁺11, VS10, WKM15, WLJ⁺18, WGH⁺19, WCX⁺13, WDAH10, YH13, ZYF13, ZSW⁺10b, ZWY⁺13, ZIM13, BLD14b, VB14b, YDT⁺18].

Geometry-Aware [CK13]. **Geometry-Driven** [VS10]. **Geosemantic** [SAG⁺13]. **Geospatial** [AKV15, BMH⁺12, BMS⁺10, CBC⁺15, CKS⁺15, CKS⁺16, DKG15, RHM⁺12, SvL16, WTLY12, vDHO16]. **Germany** [PS10].

Gestalt [KNH⁺18]. **Gestaltlines** [BNRS13]. **Gestures** [ATF12, LAFT12, SHW⁺18]. **GGX** [TH17]. **Ghosted** [BGCP11]. **Ghosting** [SW11]. **Gigaray** [BOB13]. **GigaSample** [TRAW12]. **GIS** [NDD14]. **Glass** [AAS⁺16]. **Glint** [CCM19]. **Global** [BRDC12, BEM11, BEEM15, BEJM15, BLK11, BB12b, BMB15a, BMB15b, CLC12, DKL10, DVP19, ENSB13, ESRT13, FKRW16, GRC13, GRR⁺16, HGRS⁺17, HREB11, JMD15, KLCF10, KKPL19, KTO11, KLAB15, LDdLRB16, MAM14, NKLN10, NNDJ12, PW12, REH⁺11, RDGK12, Ros13, SW17, SNRS12, SY12b, SYC10, SCCN11, SSM12, SHD15, TSdSK13, WHB⁺13, WMB15, WH17b, WWH18, WHP⁺11, XXY⁺18, YWC⁺10].

Globally [FACO17, JBG19, PSDB⁺10, SSG17, SEG⁺14]. **Globes** [YJD⁺18].

Gloss [BPV18]. **Glossy** [DBK11, LWLD11, Tok15b, XWB15]. **Glowing** [WW11]. **Glycogen** [ACAA⁺19]. **Glycogen-derived** [ACAA⁺19]. **Glyph** [JKLS10, LCP⁺12, MVB⁺17, SK10, YWS⁺14]. **Glyph-Based** [LCP⁺12, MVB⁺17]. **Glyphs** [CAB⁺16, GRT19, KWD14, SK16a, SK16b, WPHC16, HSJW14].

Goal [PJJ⁺11]. **Goal-based** [PJJ⁺11]. **gons** [KP19]. **Good** [KP18]. **Governing** [NHL16]. **GPGPU** [EPAS11]. **gProximity** [LMM10]. **GPU** [ÁSK14, AWJ13, BHP15, BJFadH19, Cet19, CYY⁺11, DHP⁺19, GM19, GL10a, HGRS⁺17, JBG17, JH12, JSLW14, JZYP18, KKS⁺17, KDCM14, KGR⁺16, LMM10, LWY⁺11, LMMCO17, MW11, MS14, MAG19, MBG⁺12, MRS18, OBGB11, PKS10, PBPP11, PC12, PGKS17, RLH17a, RPLH11, RGG⁺14, SKNS15, SSO⁺10, SKK⁺14b, SKK⁺14a, TTN⁺13, TWT⁺16, VHB16, WBS⁺13, WT11, WTYH18, YHGT10, ZSS17, ZFE16].

GPU-accelerated [MAG19]. **GPU-Adapted** [ZSS17]. **GPU-Based** [RGG⁺14, BHP15, RPLH11, LMM10, MW11, MRS18, PC12, TTN⁺13, TWT⁺16]. **GPU-Friendly** [KGR⁺16]. **GPUs** [HHRZ12, HLJ⁺13, KBS11a, LCD10, MRAS17, VH15].

GrabCut [CPZ⁺15].

Gradient [BYM18, CRGZ10, CGBG13, DMCN⁺17, HOB⁺19, HGNI17, HGP⁺19, LJKL17, LTKD15, LKSD17, MVZ16, MJBC13, NNN11, PBE18, RLH⁺17b, RLMB⁺14, RLGH15, SBE19b, VK18, WTL15, WZL⁺17, XWL⁺15].

Gradient-Based [NNN11, DMCN⁺17, RLGH15]. **Gradient-Domain** [BYM18, HOB⁺19, HGNI17, HGP⁺19, MVZ16, RLH⁺17b].

Gradient-Guided [SBE19b]. **Gradient-Index** [CRGZ10].

Gradient-Preserving [WZL⁺17]. **Gradients** [HYZ⁺14]. **Graffinity** [KLS⁺17]. **Grain** [NDG17, TDMS14]. **Grained** [KKS⁺17]. **Graining** [CDSS14]. **Grammar** [HWA⁺10, KWS16]. **Grammar-based** [HWA⁺10]. **Grammars** [BHMT13, HLL16, MBG⁺12, VRBC17]. **Graph** [ACS⁺17, BBDW17, CC14, CDS16, GRE11, GSE⁺14a, Gov19, HBH18, HET12, KKTD17, KRM⁺17, LLLY19, LVJ10, LFC14, LGW18, OAJ14, OJ15, PMD12, SLH⁺18, SBM⁺14, STP17, WT11, XDC⁺13, YKS⁺19, MSW19]. **Graph-Based** [CDS16, STP17, WT11]. **GraphDice** [BCD⁺10]. **Graphics** [ALCS18, AJL⁺11, BET14, BMO⁺14, BCD⁺12, CTHAM10, DCGG11, DHP⁺19, GSHM10, GMD10, GP16, HČA⁺12, JH12, JVS⁺12, JCW11, KH19, KBKL10, KDCM14, Kuh12, LF10, LBH12b, MWN⁺17, MSS⁺10, MH13, OP10, PJJ⁺11, PTO10, PCR11, RE12, SDA⁺18, SRH⁺11, SGYF11, SLD⁺17, TGM12, TMHD12, VM12, Lie17]. **Graphs** [APP10, BHR17, BCD⁺10, BHW17, CLWM11, DPF16, DvKSW12, DRW15, DSL15, GEY12, GSE⁺14a, GOB⁺10, HET12, KR⁺15, KS13b, KLS⁺17, KHKS12, KS10, Kur15, LBA10, LLW12, LWM⁺17, MSDK12, MSFM16, NHL16, NB12, OJ15, PGS⁺16, PFH⁺18, PMD12, RTJ⁺11, RZS10, RMM15, RMF12, SSW14a, SSKB15, SSK16, SCR⁺18, SAAB11, SBD⁺15b, TCLK12, TLFC16, TE10, VBAW15, VBW17, VM12, WDM⁺12, WT17, WK17, XDC⁺13, ZWHK16, vLKS⁺11, DGR⁺14]. **GraphUnit** [OJ15]. **Grasp** [KS12b, KKTD17]. **Grasping** [PGGM10]. **Grassmannian** [LBJ⁺16]. **great** [KGGP18]. **Greedy** [CDSS14]. **Green** [SO12]. **Grid** [FWPS11, FDH⁺15, IPKK13, KH19, PTP⁺15, UBH14, YLHQ14]. **Grids** [AO13, DC10, KBS11a, KW18, LS16, MS10b, PGKS17, XYM13, ZSS17]. **Ground** [CMF18, SDK⁺15]. **Grounded** [CBK⁺17]. **Group** [CDA⁺14, GKB12, NPCB17, RCB⁺17a, SSK16, VBW17, WH17b]. **Group-in-a-Box** [CDA⁺14]. **Group-Theme** [NPCB17]. **Groups** [CDA⁺14, DRW15, JPN15]. **Growing** [MGB⁺12]. **Growth** [KSG⁺15, YLG⁺18]. **Guaranteed** [GOPT11]. **Guarantees** [KLAB15]. **Guarding** [YL11]. **Guest** [JAP10]. **Guidance** [CGM19, FWX⁺13, LKZ⁺15, SJT⁺19]. **Guided** [BEM11, BŠMM11, CJFH14, DW13, DBB⁺18, DYFX19, FMH16, HLL⁺19, KP18, KMAB15, KMHG13, KSKL13, LWBP14, NJB⁺11, NZH⁺18, RC19, SBE19b, ZTW⁺12, ZDZ⁺15, GD16, HENfSYS16, KBL19, LLSC13, RKR⁺16, SMH10, SCQ⁺19, VB14b, WMXC19, ZH14]. **Guidelines** [SLB⁺18]. **GuideME** [ZH14]. **Guiding** [HEV⁺16, KHW13, MGN17, NNRS15, NC10, WWV17, XM15]. **GWCNN** [ESKBC17].

Hair [CBTB16, HBLB17, JL18, KB12, MSGT18, OXKP12, PKS11, QWZ⁺19, RKN12, WWL⁺13, WLI⁺12, ZTW⁺12, dFH⁺11]. **HairControl** [MSGT18]. **Hairstyles** [RKN10]. **Half** [AMTMH12, HKD15]. **Half-Space** [AMTMH12]. **Halftoning** [AP10a, LM10, LCG10, SGBW10, SGW12]. **Hallucinating** [ZCW⁺15]. **Halos** [TMHD12]. **Hand**

[FLJ⁺¹⁴, LLCZ16, PGGM10, TST⁺¹⁵, WWS⁺¹⁵]. **Hand-colored** [FLJ⁺¹⁴].
Hand-held [LLCZ16]. **Handling**
 [FM15, HEW15, LPH⁺¹⁵, MFW18, TL16, TDNL18, TWT⁺¹⁶].
Handwriting [CLJ⁺¹⁵]. **Hard** [SWP11, TSK14]. **Hardware**
 [And10, BH15, GI18, LBG16, LMLG15, LMPD15, MMF10, NKF⁺¹⁶, SM10,
 SDHD17, TGM12, VKJ⁺¹⁷, VOS⁺¹⁰]. **Hardware-Assisted** [MMF10].
Hardware-Based [LMPD15]. **Harmonic**
 [HCW17, HCW19, LPG10, SFL⁺¹⁶, KBB⁺¹³]. **Harmonics** [MRCB18].
Harmonization [LPSB18, MWS⁺¹⁶]. **Harmony** [YWF⁺¹⁹]. **Hatching**
 [USSK11]. **Having** [SM14a]. **Hazards** [CKS⁺¹⁵]. **Hazy** [BPV18].
HCCMeshes [KBK⁺¹⁰]. **HCI** [RPA⁺¹⁵]. **HDR** [EWMU13, GPR⁺¹⁵,
 KR19, MBDC15, SBB14, SHG⁺¹⁶, TAEE15, TAEE16, ZBW11].
HDR-Video [EWMU13]. **Head** [WRK⁺¹⁶]. **Head-Mounted** [WRK⁺¹⁶].
Heat [AAS17, BPVR11, BJG⁺¹⁵, DLL⁺¹⁰, MGG^{+10a}, OMMG10, WPH⁺¹²].
Heavy [CBKK⁺¹⁹]. **Height** [HMA15, TW10, Tim12]. **held** [LLCZ16].
Helicoids [PKS11]. **Hemispherical** [MBB19]. **Hemodynamics** [NLB⁺¹³].
Heritage [HBRW⁺¹², PPY⁺¹⁶, SCP⁺¹⁷, AJL⁺¹¹]. **Heritage** [AJL⁺¹¹].
Hermite [IYS⁺¹³, MGV11]. **Hero** [WND⁺¹⁴]. **Heterogeneous**
 [BAAM17, BDF⁺¹⁴, ENSD12, KR19, LSS⁺¹², RGG18, SDS⁺¹⁶, SHZD17,
 WWH⁺¹⁰, ZM16]. **Heterojunction** [ASB⁺¹⁷]. **Heuristic** [SSS⁺¹²]. **Hex**
 [GHX⁺¹⁷, GSZ11]. **Hex-mesh** [GHX⁺¹⁷]. **Hexahedral**
 [CAS⁺¹⁹, GSP19, LMPS16, XGDC17]. **Hexahedralization** [Tak19].
Hidden [BKM⁺¹⁹, MCB16, ZDJ16]. **Hiding** [WGW⁺¹⁹]. **HidingGAN**
 [WGW⁺¹⁹]. **Hierarchical** [AP10b, BL18, CNKI13, DHP⁺¹⁹, FWPS11,
 GPGB11, GRT14, HMB17, HGRS⁺¹⁷, HVP⁺¹⁹, JRJ11, JYS19, JGH11,
 KBL19, KKS⁺¹⁷, KBK⁺¹⁰, LMM10, LWS18, LHH⁺¹³, MS11b, MBJ⁺¹⁵,
 PP11, PHL⁺¹⁶, PM19, SVBC19, SMG10, TF15, UKCB15, VK18, VRBC17,
 VBHH13, WHWB16, ZH12, vPjHRV12]. **Hierarchical-Culling** [KBK⁺¹⁰].
Hierarchies [Áfr12, BHH13, BM15, DWT⁺¹¹, GHB15, ND12, SM11,
 SBE16a, SBE16b, SPH11, VKJ⁺¹⁷, VHB16, WD11, WAF⁺¹¹]. **Hierarchy**
 [KBLE19, MB18, SMP13, WXL⁺¹¹]. **HiFiVE** [SSSSW13]. **High**
 [ABD10, AFK⁺¹⁴, ASH15, BAT11, BAA⁺¹⁶, BEM11, BHU10a, CKL14,
 Csé18, DW13, DER⁺¹⁰, DMAL10, EMP⁺¹², EHH⁺¹³, FR11, FGT⁺¹⁶, GO15,
 GBW16, GPRS14, HBH18, JPN15, KARC15, KP19, KKK18, KBK13, LCC⁺¹⁷,
 LTB19, LKZ⁺¹⁵, LWBP14, LWT⁺¹⁵, LBJ⁺¹⁶, MBRHD18, MSW10, PSPM12,
 PHL⁺¹⁶, REH⁺¹¹, SPB⁺¹⁹, SBE16b, SHG⁺¹⁶, SGMG17, SGYF11, ST18,
 SGG16, SKTM11, TTN⁺¹³, TM13, TLRB18, TSPP16, ÜFE10, WWV17,
 WLN⁺¹⁷, WGW⁺¹⁹, WLI⁺¹², XSE14, ZLYL17, vdCvW16, EMU17, SHD16].
high-degree [SHD16]. **High-Dimensional**
 [ABD10, FR11, LWBP14, LBJ⁺¹⁶, PHL⁺¹⁶, SGG16, TLRB18, vdCvW16,
 EHH⁺¹³, JPN15, KARC15, LKZ⁺¹⁵, LWT⁺¹⁵]. **High-Frequency** [TM13].
High-Level [HBH18]. **High-Order** [GO15]. **High-Quality** [BHU10a, Csé18,
 DW13, MSW10, REH⁺¹¹, SBE16b, TSPP16, ÜFE10, BAT11, BEM11].
High-refresh-rate [DER⁺¹⁰]. **High-Resolution**

[FGT⁺16, GBW16, TTN⁺13, KKK18, LCC⁺17, ZLYL17]. **High-Speed** [LTB19, SGMG17, WLI⁺12]. **Higher** [Muñ14, POS⁺11a, SK10, Sch11, ÜFE10]. **Higher-Order** [POS⁺11a, SK10, Sch11, ÜFE10]. **Highlight** [FZS⁺19]. **Highlighting** [GP18]. **Highlights** [LWDB10, RGB⁺14]. **Highly** [CR16b, SPV⁺10]. **Hilbert** [SSSSW13]. **Histogram** [KMAB15, LFS⁺15, WCB15]. **Histograms** [LS15]. **Histology** [GHB⁺17]. **Historical** [BMH⁺12, KMK12, PTW13, PSP⁺14]. **History** [GLG⁺16, IGMK⁺16, SLSG16]. **HMLFC** [PM19]. **Holistic** [KD13]. **Hollow** [LLC10b]. **Homogeneous** [MSZ⁺18, MESH11, RRS12]. **Homography** [HWL18]. **homological** [DFIM15]. **homologically** [Kur15]. **Homologies** [CVJ15]. **Homology** [RL15, RL16]. **Homotopic** [DSL15]. **Homunculus** [RRS12]. **Honeycomb** [JWWP14]. **HPR** [MEMO14]. **Human** [AWCO10, BW17, BBIG17, CYC15, CYI⁺12, DAF⁺18, DLGY12, ESKT15, ECN14, JL17, KSCN19, LWS⁺13, MSZ⁺18, NMM⁺19, PLL11, RZS10, STC⁺16, WPY⁺19, YBK⁺12, vMRBPM17]. **Human-Object** [WPY⁺19]. **Humanities** [HRD⁺15, JFCS17, MHHH15, RPSF15, RAMG15]. **Humanoid** [NBH18a]. **Humans** [VVE⁺10]. **Hunting** [ST18]. **Hurricane** [LMK⁺15]. **Hybrid** [BSY⁺19, HCJ13, KPNS10, KFA⁺10, LFS⁺15, LS15, LN17, MCHW18, PBPP11, PCK10, RMF12, SKK10, TDNL18, UBH14, YLHQ14, KBÖ⁺14]. **Hydrographics** [PDP⁺15]. **Hyperbolic** [RKSA17]. **Hyperelastic** [MMO16, XHC⁺18]. **HyperMoVal** [PBK10]. **Hypersliceplorer** [TWMSK18]. **Hypothesized** [KQR⁺19]. **Hysteresis** [WLZ13].

I-SI [WDM⁺12]. **Ice** [IPKK13, IUDN10]. **ICP** [TST⁺15]. **Ideation** [ADN⁺17]. **Identification** [HV10, MMNG17]. **Identifying** [LGK16]. **IGM** [BAO⁺19]. **II** [ABCJ10, CD10, CBV⁺14, DLS10, DER⁺10, EKB14, HWK⁺10, HHS14, IY10, JCT14, JPCC14, KS10, LSN⁺14, LCLJ10, MDD⁺10, PHM⁺14, RTK⁺14, SPK10, TW10, VB14a, VF14, WGO⁺14, ZSW⁺10b, ZH14, vdCAvW14]. **III** [CVCH14, GDAU14, JZW14, PSP⁺14, SPCR14, SLKL14, TPSH14b]. **IISPH** [CIPT14]. **Illuminant** [NKB14]. **Illuminated** [JVS⁺12]. **Illumination** [ACG⁺17, BCD⁺13, BRDC12, BEM11, BEEM15, BEJM15, BELD13, BD16, BB12b, BMB15a, BMB15b, CJZW12, CLC12, CSC⁺18, CNS⁺11, DKL10, DVP19, ENSB13, GKPS12, GRC13, GRR⁺16, HVVR18, HREB11, IFL13, JSYR14, JMD15, KS13a, KD13, KPD10, KTO11, KYM19, LDdLRB16, LVV18, LWS⁺13, MR17, MBR⁺13, MC10b, NKLN10, NNDJ12, RGG15, REH⁺11, RDGK12, SJ19, SNRS12, SYC10, SCCN11, SHD15, SJ13b, SSGM17, TSdSK13, Tok15b, Tok15a, WHB⁺13, WMB15, WWH18, XSXM13, XXZC13, XWZB17, YWC⁺10, ZZWC16, ZM16, ZZLX17, ZNZ19, SNJ⁺14]. **Illumination-driven** [RGG15]. **Illumination-Varying** [LVV18]. **IlluminationCut** [BMB15a]. **Illustrate** [CRY11]. **Illustrating** [SEI10]. **Illustration** [FLJ⁺14, JBMC10, LKEP14, LCUR14, RLMB⁺14].

Illustrations [WT11]. **Illustrative**

[ABG⁺12, BBBV12, CSFP12, CYY⁺11, HGH⁺11, LMP13, LVPI18, LPSV14, LSB⁺17, OVV10, RMH⁺18, STKD12, vdZLBI11]. **Image**

[ASW14, ARM⁺15, AGJ12, AEWQ⁺15, AECOK16, BCN11a, BCD⁺13, BEM11, BKM⁺19, BHW11, BCK⁺12, BKP17, BP19, BMS⁺12, ČHM⁺13, CG16a, CJFH14, CRC⁺15, CSD11, CJZW12, CG16b, CPZ⁺15, CCTL12, CNKI13, DTV15, DRA10, DDÖ⁺17, DAD⁺19, DSH⁺17, DYFX19, DJM12, EWMU13, EKFM12, EIKM16, FWSH19, FDH⁺15, FACO17, GMLMG12, GO15, GCW15, GD10, GTK⁺12, GLGW12, HW16, HA11, HDL11, HFM16, HM15, HČA⁺12, HFE13, HZF10, HZZ11, HZMH14, HWL18, HGH⁺11, IEH⁺14, IEK⁺14, IEKM16, IY10, Jes16, JESG12, JWL⁺13, KS13a, KWSH⁺13, KS10, KrJC⁺11, KGAC15, KKL16a, KGK19, KK11b, LG19, LLC11, LCCC13, LVV18, LJH10, LZL⁺15, LWL⁺16b, LB19, LCG10, LJZX15, LQS⁺19, LEE17, LLC13, LWS⁺16, LSZ⁺18, LLB⁺10, LLX⁺11, LCUR14, LS15, LMGH⁺13, LLSC13, MWS⁺16, MEMO14, MTM12, MVZ16, MFPA15, MNP⁺17, MKU15, MJL⁺13, MRS12, NNRS15, NPCB17, NPW10].

Image [NBA18, NREM14, OAO11, PPW18, PWS12, PSHZ⁺15, PDC⁺19, PCR11, PK15, PBC⁺16, QWZ⁺19, RWW16, RKR⁺16, RSD⁺12, RBDD18, SMH10, SKZ13, SC10, SO12, SHJ⁺16, SDK⁺15, SPK10, SKWL13, SLCL19, SJ13c, SGEM16, SPT14, SPSK13, SGSP15, SFLP18, TXGW19, TBKP12, TE10, TDDD18, TZD11, TMH11, TCGK15, VCL⁺11, VSG⁺13, WZH13, WKM15, WLX19, WZG⁺19, WWL⁺13, WLM13, WHL10, XL10, XXZC13, XSQ13, XADR13, YXX14, YWC⁺10, YZL17, YLD⁺18, YLH⁺14, ZCW⁺15, ZH12, ZCZL13, ZZH15, ZCF⁺13, ZJ18, ZFJ⁺16, ZLZ⁺18, vdCvW17, BHT19, DZD⁺16, HHS14, LGC⁺19, HRRR18]. **Image-Based**

[CSD11, GD10, LLB⁺10, MRS12, TE10, VCL⁺11, WLM13, BKM⁺19, BP19, KGK19, RKR⁺16, RBDD18]. **Image-Guided** [CJFH14]. **Image-Space**

[NPW10, SGEM16]. **Image/Video** [DRA10]. **Imager** [AVR10]. **Imagery** [ACA18, LTK12, MK11]. **Images**

[ABD10, AVR10, ARM⁺15, AECOK16, BKB⁺12, BKY⁺16, BBAM12, BRWM18, ČHM⁺13, CJXH17, DZD⁺16, DJM12, EIKM16, FACO17, FZS⁺19, GMLMG12, GEZ⁺17, GCZ⁺12, GPRS14, GG15, HMTH13, HM15, IEKM16, IRWM17, Jes16, KKB16, KWSH⁺13, KLTZ16, KG18, KYC16, LJKL17, LJH10, LM15, LYL⁺18, LEE17, Lie17, LCUR14, LMLF15, LLC19, LDY10, MES⁺11, OVB⁺15, PK10, PH17, PK15, PNVS17, RLH⁺17b, RWSG13, SKWL13, SLKL14, SPSK13, TM13, TX16, TAEE16, WWV17, WKM15, WCM15, XXS⁺15, YCL⁺17, YFWR11, ZCW⁺15, ZZH15, ZLYL17, ZDJ16, ZVE⁺14, PGVG19, BB14, CVCH14, CHA⁺14, DKR⁺14, EKB14, HHS14, JCT14, PHM⁺14, PSP⁺14, SBB14, SPCR14]. **Imaging**

[CKL14, DHS⁺13, HA11, HHNČ19, HZMH14, KYKL14, KB12, NKB14, PKE17, RKN12, SHG⁺16, SSB⁺14, TDMS14, TAEE16, WILH11, WLI⁺12, YXX14, YMS10, ZTW⁺12, ZBW11, BB14]. **Imitating** [SLC⁺19]. **imMens** [LJH13]. **Immersive** [FFN18, MCG⁺19, SPV⁺10]. **Immune** [HPvU⁺16].

Impact [BJA⁺15, CCH⁺14, SHK15, WBFvL17, ZLMM16, BHT19, ZLM⁺15].

Impaired [CJP⁺19]. **Imperfect** [BBH13, JKL⁺16, REH⁺11].
Implementation [IABT11, OP10]. **Implicit**
 [BBCW10, EBG12, KFA⁺10, MS10b, PP11, PGBT18, QPCRM19, SKZF11,
 SYC10, TDF⁺15, VVC⁺11, WKBB18, ZLKW13, dGWB⁺14]. **Implicits**
 [MGV11]. **Importance** [BMDS19, GKPS12, Hd14b, HEV⁺16, HH10, KS11,
 KF12, LXY19, LPG13, MW11, OXKP12, SHSK16, WK12b, ZZ19, RRS12].
Impostors [ABCN10]. **ImPrEd** [SAAB11]. **Improve**
 [HBO⁺10, OAJ14, OP10]. **Improved**
 [CWY11, CSŠ18, FC10, HKD15, Jes16, LW18, NPDD11, NC10, NMR⁺18,
 PR12, RSSL17, SAAB11, WZK16, WLX19, ZHLW18, ZHD18].
Improvement [AMR⁺17]. **Improving** [Bik12, CCI13, GKB⁺11, GLGW12,
 HLS12, HL14, LYG15, LS15, MHD16, NBCW⁺11, Ren16, SHD15]. **IMUs**
 [vMRBPM17]. **In-Core** [Bik12]. **in-Front-of** [CCC⁺14]. **In-Kernel**
 [HLJ⁺13]. **In-situ** [WAF⁺11]. **Inaccurate** [SPSK13]. **Inbetweening**
 [WNS⁺10]. **Incomplete** [DLL⁺10, SY12b, TOZ⁺11]. **Incompressible**
 [Aan18, HLL⁺12, KS14, PGBT18, SZMTW15, TDNL18, ZHQH17, CIPT14].
Inconsistent [HHCJ18]. **Incorporating** [AMS16]. **Increase** [SSKB15].
Increasing [HHNČ19, LTC18]. **Incremental**
 [LSR17, LQS⁺19, MW16, PPT⁺19]. **Independent** [KKS⁺12, LMLG15,
 MSW12, NDG17, NPW10, SVLL10, SBF15, YHGT10, NB12]. **Index**
 [CRGZ10, DLGY12]. **Indexing** [AKMM11, MAM14, WCB15]. **Indicator**
 [MSS11, WPH⁺12]. **Indices** [SBLC17]. **Indirect** [BHR17, CLC12, CNS⁺11,
 GLCC18, KYM19, LK10, LWDB10, Tok15b, Tok15a, YWC⁺10]. **Individual**
 [SK16b]. **Individualized** [WL10]. **Indoor**
 [JL19, KMHG13, LTX⁺14, SHL⁺14, SLC⁺19, WCM15, MPM⁺14]. **Induced**
 [GG17, RCMA⁺18, Ste19]. **Inertia** [NS19]. **Inertia-based** [NS19]. **Inertial**
 [GT15, GT16a, GT16b, GG17, RGG18, vMRBPM17]. **Inexact** [YLD⁺18].
Inexpensive [ACV⁺14]. **Inextensible** [SHCB15]. **Inference** [SBC14].
inferred [ZLDM16]. **infinite** [SKK⁺14b]. **Inflation** [GHB⁺17].
Information [ABK⁺19, Ano11a, Ano11b, Ano12a, Ano12b, Ano12c, Ano13c,
 Ano13d, Ano13e, Ano14a, Ano14b, Ano14c, Ano15i, Ano15g, Ano15h, Ano16j,
 Ano16k, Ano16h, Ano16i, Ano17h, Ano17i, Ano17j, Ano18i, Ano18j, Ano19j,
 Ano19k, BBR⁺16, BBK⁺18, BMB⁺18, BRB⁺13, DAF⁺18, FFN18, HPK⁺16,
 ML17, MSK14, RL19, RLH17a, RMZ13, TLM16, WDM⁺12, WGW⁺19,
 WLS13, XWY⁺15, ZC18, DBS⁺11, GBM⁺19]. **Information-Based**
 [XWY⁺15]. **Information-Theoretic** [BRB⁺13, ZC18]. **Informative**
 [FDH⁺15, NO17]. **Informed** [ZCC14]. **InfoVis**
 [BNRS13, HSBW13, vdEvW13]. **Infrastructures** [BAA⁺16]. **Inherent**
 [WJDZ14]. **Inhomogeneous**
 [KYM19, SKTM11, SKGM⁺17, SKMS18, YIC⁺11, ZSL⁺17]. **Injective**
 [HCW19, JHT14, SKPSH13]. **Ink** [LCCC13, SO12, HLJ⁺13]. **InK-Compact**
 [HLJ⁺13]. **Inpainting** [LZL⁺15, WLZX19]. **Input** [SPSK13]. **Inputs**
 [LLCZ16]. **Ins** [KFA⁺10]. **Insect** [LWPL15, WJDZ14]. **Insects** [GCY⁺14].
Insertion [BHH13]. **Insertion-Based** [BHH13]. **Insets** [GRE11].

InsideInsights [MHK⁺19b]. **Inspection** [RKRD12]. **InSpectr** [AFK⁺14].
Inspired [LWPL15, SW10]. **Instance** [LIK19]. **Instancing** [FKE13].
Instant [DGGK11, FGT⁺16, LDW⁺10, LJH10, MGY⁺18, YWHB18].
Integer [WSSC11]. **Integral**
 [GKKT13, IFDN12, LKEP14, MBB19, ZBQC13]. **Integrals** [MBR⁺13].
Integrated [GHB⁺17, GRPF16, JKJL18, SMS⁺17]. **Integrating**
 [CBK⁺17, ERT⁺17, MHK⁺19b]. **Integration** [GT16a, MLP⁺10, NBMJ14,
 SKZF11, SHZD17, Ste19, ZZT15, ZOM19, ZLKW13, SD10b].
Integration-Based [MLP⁺10]. **Integrations** [RLH⁺18]. **Intelligence**
 [LPSV14]. **Intelligent** [EPAS11, PJJ⁺11, SRH⁺11, SGYF11]. **Intended**
 [CS16]. **Inter** [LTC18, PDW⁺14]. **Inter-author** [LTC18].
Inter-Comparison [PDW⁺14]. **Interacting** [LJL⁺18, WC14, YLCH18].
Interaction [BRM⁺16a, CTL13, CYI⁺12, CKE⁺12, GEY12, HSH16,
 HHD⁺12, JH15, KKTD17, KGP⁺12, LAFT12, NW13, PHTB12, RSM⁺16,
 RPA⁺15, SS16, TCLK12, WLL⁺17, YLHQ12, YBK⁺12, ZCK17].
Interactions [CTL13, KQR⁺19, OGW19, SGSP15, WPY⁺19, VHG⁺18].
Interactive [Áfr12, ACAA⁺19, ARH12, AYLM13, ATF12, BCB⁺15, BEM11,
 BEJM15, BET14, BHR⁺19, BJB⁺18, BTM⁺19, CK11a, CRGZ10, CJFH14,
 CCM16, CSG⁺18, CLC12, CWL⁺15, CFS14, CCH⁺14, CKH19, CEG⁺18,
 CBKK⁺19, CNS⁺11, DRA10, DRM19, DTS⁺14, EGG⁺15, EPCV15,
 ELPH19, FLL11, FE17, GLCC17, GBKS18, GP12, GKHF14, HK12,
 HBDP17, HG18, HBO⁺10, HPvU⁺16, IMDN14, JTRS12, JE13, JZYP18,
 JSYR14, KFH10, KWM15, KKSS15, KVS⁺14, KÖS⁺15, KMJE12, KS18,
 KNH⁺18, KFR⁺11, KRS⁺13, KTW⁺13, LKC⁺12, LCP⁺12, LCCC13,
 LBRM18, LCG10, LTK12, LHH⁺13, LBH12a, LSWW11, LWBP14, LZ10,
 MJK17, MMG18, MLD⁺18, MLK⁺13, MWW12, NKSI16, NSM19, NPW10,
 NBA19, OJ15, PTW13, PEP⁺11a, PP10, PBK10, POG13, Pos11b, PM19,
 RPK⁺12, RWW16, RKRD12, RTK⁺14, RLP10, RWS⁺10, RDGK12, SH14b,
 SGM⁺11, SRH17, SvW13, STKD12, SMSL17, SPH11, SARZL10].
Interactive [SPV⁺10, SHS13, SWS12, SMS⁺17, SJB⁺17, SHS⁺17, SMP13,
 SMB⁺17, TSS⁺11, Tak19, TLW⁺19, Tok15a, TGK⁺17, TWMSK18,
 TRAW12, TPRH11, TCGK15, ÜFE10, UTZ16, WDC⁺10, WNS⁺10, WCM15,
 WAF⁺11, WZ15, XYM13, YWC⁺10, YDP19, YNM⁺13, ZWC⁺10, ZWHK16,
 dGWB⁺14, BSW⁺14, CVCH14, GDAU14, LGC⁺19, PSP⁺14]. **Interactively**
 [BLY⁺11]. **Interchange** [MRM⁺18, ZFAQ13]. **Interconnected** [KK11a].
Interest [JKK⁺18]. **Interest-based** [JKK⁺18]. **Interesting** [BSW⁺14].
Interface [BCD⁺13, CGS16, IY10, LWX⁺15, RC19, TDNL18, TZD11,
 WPH⁺12, DKG15]. **Interfaces**
 [ATF12, CSLG10, HK12, JTRS12, MC10a, SWS12]. **Intergalactic**
 [BAO⁺19]. **Interiors** [MMP16, WFLW18]. **Interleaved** [FC10].
Interlocking [YCXW17]. **Internal** [BPKB14, KLK17]. **International**
 [AJL⁺11]. **Interpolation** [CRC⁺15, Csé18, GCLX17, GP16, HCSC16,
 KMK12, LKSD17, MCH13, NC16, PCBL16, RC18, RJGW19, RSK10, RSK13,
 SV14, SC16, WWL⁺13, WDAH10, YYL⁺16, YFW12]. **Interpret** [LMA⁺18].

Interpretation [ZCW⁺19, ZLDM16]. **Interrupted** [AAS⁺16]. **Intersecting** [KJT14, SJP⁺13, SP13]. **intersection** [RRS12]. **Intersections** [CK10b, CCC17]. **Interval** [LJKL17]. **Interventional** [RWS⁺10]. **Interventions** [KFR18]. **Intervisibility** [Tim12]. **Intrinsic** [BKP17, BEKB15, DSH⁺17, GMLMG12, GEZ⁺17, GUS12, KLCF10, LVV18, PBB⁺13, SBC14, SBCBG11a, TBW⁺11, WH17b, ZHH⁺15, YDT⁺18, WMXC19]. **Introduction** [APH⁺12]. **Introductory** [TLM16]. **Intrusive** [YHL⁺16]. **Intuitive** [BCB⁺15, CGS16, RPMO13]. **Invariance** [MYGY19]. **Invariant** [BV19, CIE⁺16, ZBQC13]. **Inverse** [ALCS18, HSmCY13, HWF⁺17, ŠBM⁺10, SPK⁺14, ZHQH17]. **Inversion** [Gda17, GT16a, LGZ⁺16]. **Inversion-Free** [LGZ⁺16]. **Inverted** [HSK14, HSK18]. **Inverted-Pendulum-based** [HKS18]. **Invertible** [ZZL⁺17]. **Investigating** [Ros13, SE19, WSK⁺19]. **Investigation** [BJB⁺18]. **Invisible** [RNLL10]. **Invited** [Ake11, Ano15a, Pos11b, Thi11]. **Iridescence** [K GK19, Ste19]. **Irradiance** [JR16, KVS⁺14, MRMH12, MC10b, RCB11]. **Irregular** [DC10, KMD⁺17, MCHW18, PGKS17, RSK12, TLH19]. **Irreversible** [KFR18]. **ISHair** [OXKP12]. **Iso** [BHU10b, FKRW16]. **Iso-Contours** [FKRW16]. **Iso-geometric** [BHU10b]. **IsoMatch** [FDH⁺15]. **Isometric** [GSTOG16, OMMG10, SY11, SY12a, SY13, TSB16, ABCJ10]. **Isometry** [CBSS17]. **Isometry-Aware** [CBSS17]. **Isosurface** [BM10, LCD10, MRL10, SBD15a]. **Isosurfaces** [BW13, CGT⁺15, Gro16, MS10b, PRW11, WLS13]. **Isosurfacing** [LCDW16]. **Isotropic** [CCW12, CR16b, DLY⁺18, ZWY⁺13]. **Isotropically** [LW17]. **Issue** [Ano11a, Ano11b, Ano12a, Ano12b, Ano12c, Ano13c, Ano13d, Ano13e, Ano14a, Ano14b, Ano14c, Ano15i, Ano15g, Ano15h, Ano16j, Ano16k, Ano16h, Ano16i, Ano17h, Ano17i, Ano17j, Ano18i, Ano18j, Ano19j, Ano19k]. **Items** [vdCvW16]. **Iteration** [Gda17]. **Iterations** [DHI⁺15]. **Iterative** [BTP13, BMS⁺12, SBC16, WH17a, YYL⁺16, MRL10, TBKP12]. **iVisClustering** [LKC⁺12].

Japanese [vdKdJP⁺19]. **jets** [KGGP18]. **Jittered** [CKK18]. **Joint** [FWSH19, HGO18, KVD⁺10]. **Jointly** [DTV15]. **Joints** [Jac19, MCJM18, TE18]. **Journalists** [SRG⁺19]. **Journey** [AKS⁺19]. **Julia** [Kim15, SvW13]. **June** [ID10]. **Just** [WSCP13]. **Just-in-Time** [WSCP13].

kd [VHB16, SR19, XL10]. **KD-Tree** [XL10]. **kd-Trees** [VHB16, SR19]. **kDet** [WDZ17]. **Kelp** [DvKSW12]. **Kernel** [AAS17, BLTD17, GUS12, HLJ⁺13, HET12, OMMG10, WGBS18]. **Kernels** [AAS17, BS12a, BLTD17, CG16c, FWSH19, LJC17, Pat16, Pat17, Ros13, Rus11, SR14]. **Key** [LLD10, PZDD19, ZC18]. **Key-Pose** [LLD10]. **Keynote** [McC11]. **Killing** [SBCBG11b, BCBSG10]. **Kinect** [WZ15]. **Kinematic** [BSK⁺13, KVD⁺10]. **Kinematics** [ALCS18, HSmCY13, HWF⁺17]. **Kit** [HHH12]. **Knot** [KSD14a]. **Knowledge** [KARC17, PZDD19, vKTS⁺11]. **Kyrix** [TLW⁺19].

L [ŠBM⁺10]. **L-systems** [ŠBM⁺10]. **L4RW** [XLL⁺10]. **Labeling** [BNN19, LCHB12, XXLX14]. **Labelling** [PPT⁺19]. **Lagrangian** [AW13, CZY11, FKS⁺10, GOPT11, JS10, KER⁺14, MBES16, SW10]. **Lamps** [BBIG17]. **Landmark** [JL17, KSKL13, TBW⁺11]. **Landmark-Guided** [KSKL13]. **Landscape** [HW10, ML17]. **Landscaper** [ADMAS18]. **Landscapes** [ADMAS18, ACV⁺14, CEG⁺18]. **Langevin** [CZY11]. **Language** [NW13, RHM⁺12]. **Languages** [RHM⁺12]. **Laplace** [HP11, NBH18b, PPH⁺13, QCW⁺18, ZLW15]. **Laplacian** [PEP⁺11a, EKB14, LGW18, Pat16, Pat17, UMK19, VD18, YI10]. **Laplacian-based** [PEP⁺11a]. **Laplacians** [HKA15, VMHB14]. **Lapse** [SSB⁺14]. **Large** [Áfr12, ABCN10, BHP15, CSG⁺18, CBC⁺16, DWT⁺11, GLCC17, GRDE10, HSK⁺10, HJM⁺11, HPvU⁺16, KR⁺15, KLS⁺17, KHKS12, KS18, KHI⁺19, LAE⁺12, LSS⁺12, LCB⁺18, LCDW16, MSDK12, MLD⁺18, MHDG11, NPDD11, NSM19, PFH⁺18, PEPM12, REH⁺11, SM11, SSG17, SJ13a, SPH11, SAAF18, SK17, SMM13, SJWS13, TXL⁺19, TE10, TBP18, TSdSK13, WSSC11, WAF⁺11, YXX14, ZC18, vdEvW13, vLKS⁺11, GDAU14, MPM⁺14, TAAP⁺16]. **Large-Scale** [ABCN10, BHP15, DWT⁺11, GLCC17, KS18, KHI⁺19, LSS⁺12, MHDG11, SM11, SPH11, TBP18, WSSC11, WAF⁺11, ZC18, SMM13, TXL⁺19, GDAU14, MPM⁺14]. **Lassoing** [DH16]. **Latent** [FMD⁺19, GSDG18, HMRR19, LJLH19, WDM⁺12, WBT19]. **Latent-space** [FMD⁺19]. **Lateral** [HF16]. **Lattice** [ABD10, FDL14, HA17, ISYM15, MLD⁺18, NZH⁺18, RC18]. **Lattice-Guided** [NZH⁺18]. **Lattices** [CR16b, VCRG14]. **Lauren** [Ano16]. **Layer** [ESKBC17, GSDC17, HZF10, IMAW15, SDMS15, CSFP12, ISYM15, LCD10]. **Layer-Based** [IMAW15]. **Layered** [AHMAM15, BSW10, BKB⁺12, IEK⁺14, IRWM17, KTKM19, KYM19, MbMYR15, MVH⁺14, RHS⁺12, LLC19]. **Layers** [DVP19, KG18, LSWW11, RLMB⁺14]. **Layout** [CK14, HBH18, JL19, WTLY12, WFLW18, ZOM19, MVLS14, MSW19]. **Layouts** [CDA⁺14, CLS16, CCH⁺14, FDH⁺15, GSE⁺14a, Gov19, KRM⁺17, LSWW11, PPM⁺16, RRP15, SLH⁺18]. **Laziness** [XLL⁺10]. **Laziness-based** [XLL⁺10]. **Lazy** [MAAG12]. **LBSN** [TLFC16]. **Learned** [HMW⁺15, MHRK19, HKM15]. **Learner** [SHS⁺17]. **Learning** [BBK⁺19, BKM⁺19, BLVD11, BHS⁺17, BZL⁺18, BMM⁺15, BM16, CWGvW19, ČHM⁺13, CSC⁺18, ERT⁺17, FWSH19, GKOM18, HZMH14, IIX⁺19, KKB16, KLTZ16, LJZX15, LGK16, LCY⁺11, MSZ⁺18, NBH18a, OGW19, PFC15, SOC19, SLCO19, SHS13, SS15b, SDKG18, SJW⁺11, WPY⁺19, WBT19, XXLX14, XXS⁺15, XADR13, ZZ19, HMRR19, LBBC14, LTR19]. **Learning-Based** [SOC19]. **Learnt** [SM14b]. **Least** [BGS10, KBS11b, MM19, MS10a, MGB⁺12, PSPM12, RAV⁺19, KBÖ⁺14]. **Leaves** [JPK13]. **Led** [APH⁺12]. **Left** [SSM12]. **Legacy** [XZP⁺13]. **Legends** [GKB12, RLP10]. **LEGO** [ZCX19]. **length** [JZW14]. **Lens** [BTS⁺17b, BCN11b, HHH12, LE13, LK17, LZQ13, SMSL17, SDHL11, ZZ17]. **Lens-Flare** [LE13]. **Lenses** [JKL⁺16, TGK⁺17, HD14a, SHD16]. **LeSSS**

[HMW⁺15]. **Letters** [Pet10]. **Level** [AFK⁺14, ABCN10, HFM10, HBH18, HREB11, JKL13, KBS11a, KVS⁺14, KWN⁺14, KDCM14, LPD14, LWBP14, LMMCO17, LZB17, NJB⁺11, SBD15a, SRK13, STKD12, TSB16, VCRG14, WDM⁺12, WLS13, XSE14, ZBM⁺17, HK16, JWL⁺13, LGC⁺19, MVLS14, XXY⁺18].

Level-of-Abstraction [STKD12]. **Level-of-Detail** [HREB11, KDCM14, SRK13]. **Level-set-based** [WLS13]. **Levels** [MBDC15, PJR⁺14, WT11]. **Levels-of-Detail** [PJR⁺14]. **Library** [AHR13]. **LiDAR** [PW17, WXR⁺16, vKvLV13]. **LiDAR-Based** [PW17]. **Lie** [SAD⁺16]. **Lie-Algebra** [SAD⁺16]. **Lifting** [NSC14]. **ligand** [VHG⁺18]. **Light** [BB12a, BOB13, BH15, CLG⁺18, CJWL19, DZD⁺16, DKH⁺14, DKL10, DLD12, FKR13, GLCC18, GEZ⁺17, GPK⁺12, GP18, GPRS14, HML⁺19, HKD15, HDF15, HEV⁺16, HMRR19, HH10, HHS14, HR10, JVS⁺12, JMV⁺15, JA18, JG19, JR16, KD13, KPD10, LDdLRB16, LF10, LHH⁺13, LMGH⁺13, MDBS14, MGN17, MMRO13, NIDN16, NSRS13, NJC⁺19, NGHJ18, OKG⁺10, PdMJ14, PSP10, PDC⁺19, PRDD15, PM19, RGG15, RKRD12, RSK12, SLE17, SHD15, SKGM⁺17, TH17, VSG⁺13, WHL10, WW11, YBK⁺12, YWY10, YIC⁺12, ZZH15, ZAD15, BB14, SBB14]. **Light-Field** [BB12a, BB14, SBB14]. **Light-Transport** [MGN17]. **Lighting** [BNH10, BN12, CLC12, CNS⁺11, GLCC18, GKB⁺11, GKPS12, IFDN12, KGK19, LK10, LWDB10, LHH⁺13, NAM⁺17, NPW10, PCDS12, RKRD12, SPN⁺16, SPF⁺19, SARZL10, TH17, WJB⁺13, WHD17, WG12, XZP⁺13, YWC⁺10, YIC⁺11, IMDN14, TPSH14b, JL19]. **Lighting-by-Example** [GLCC18]. **Lights** [Gam16, KYM19, LXY19, NNDJ12, Tok15b, VGS⁺19, YZXW12].

Lightweight [GPGSK18, KÓOH13]. **Like** [AYW14, PSCN10, GTZM10, LS10b]. **Limit** [HAGO19]. **Limited** [DBLW15, KPS⁺14, MW18b]. **Limited-Size** [MW18b]. **Limiting** [MYLZ16]. **Line** [ABCJ10, AKMM11, BBB⁺18, BZBM⁺16, BD16, CML⁺12, CBLW19, GZH⁺19, IIX⁺19, KWÖG18, KER⁺14, LKEP14, LLW12, MHDG11, NS19, SJ19, SHZD17, SMJ17, SJW⁺11, Tim13, VVC⁺11, WJB⁺13, WESW17, WT11, XSQ13, YKS⁺19, DZD⁺16, GRT14, HNJ⁺14]. **Line-Based** [WESW17, VVC⁺11]. **Line-Drawing** [BZBM⁺16]. **Line-Plot** [MHDG11]. **Line-Sweep** [Tim13]. **lineage** [PKE15]. **Linear** [AJC11, AGJ12, HK12, IGMK⁺16, LA11, LBH12b, LXF11, LWY⁺11, LBJ⁺16, SSB13, TLRB18, TE18, WLT12, WLN⁺17, WBS⁺13, WSSC11, XWZB17, YYL⁺16, GSC18, MJBC13, RAMG15]. **Linearization** [LP15]. **Linearly** [PGBT18]. **Lines** [AGCO13, CS16, GTG17, KSD14a, KGM⁺10, MBES16, ORT18, OVV10, SGRT12, SEI10, vKvLV11]. **Lines-of-sight** [AGCO13]. **LinesLab** [SB19]. **Link** [BHR17, DRW15, GEY12, SSK16, SBD⁺15b]. **Linkage** [NBA19]. **Linked** [RSM⁺16, YHGT10]. **Linking** [ZOM19]. **Lip** [DBB⁺18]. **Liquid** [ATW15, FAW⁺16, GBW16, SWT⁺18, UHT18]. **List** [YHGT10]. **Literary** [CWG11]. **Literature** [BH19, CY11, SJB⁺17, OKK13]. **Live**

[BBIG17, PKE17, SFLP18, ZZCJ14]. **Live-Wire** [SFLP18, ZZCJ14]. **Living** [NMM⁺19]. **Lluandudno** [LSF⁺11]. **LMA** [ACC15]. **Load** [APM⁺11, SHQL18]. **Lobe** [Tok15a]. **Lobe-Aware** [Tok15a]. **Local** [BCD⁺13, BDC18, BJA⁺15, CSG⁺18, DBD⁺13, GKB⁺11, GAK10, GKOM18, HW16, HCDC18, HDL11, HLL⁺12, LZL⁺15, LZFH18, LCG10, LFYX19, LSL⁺19, PR19, PB11, PD16, PPH12, SBE19b, SKNS15, SKZ13, SJT⁺19, VS10, VK18, WHS⁺18, WCB15, ZHLW18, ZWRH14, ZFJ⁺16, ZR13].

Locality [Bik12]. **Localized** [CHM⁺13, DLS10, DS11b, HYZ⁺14, MRCB18, WLZH17, BMM⁺15]. **Locally** [HCW19, IFL13, JHT14, MS11b, SKPSH13, KP19]. **Location** [KHI⁺19, vDHO16]. **Location-dependent** [vDHO16]. **Locomotion** [BV19, ECN14, GCY⁺14, HKSK18, MSZ⁺18, WPP13, vBE11]. **Locus** [SPT14]. **LOD** [DC10, KDCM14, BP13]. **LoDs** [LN17]. **London** [ID10, AYWM14]. **Long** [BTM⁺19, KTW⁺13, LDG19]. **Long-term** [KTW⁺13]. **Looking** [JKL⁺16, MBM13, MIW13, NSRS13, SHD16]. **Loops** [SLWSS15, TSK14]. **LOP** [LW18]. **Lossless** [PHK⁺10]. **Lossy** [VP11, BHT19]. **Louisiana** [CSLG10]. **LoVis** [ZWRH14]. **Low** [ACKM16, BCCS12, ESKD14, HK16, JH19, KVS⁺14, KHKS12, KWN⁺14, KSS⁺15, KKR18, LZL⁺15, LZFH18, MBRHD18, PCX⁺18, ST18, SB19, SJF11, Tim12, VCRG14, WXL⁺13, ZFE16, ZFJ⁺16]. **Low-Complexity** [Tim12]. **Low-Cost** [ACKM16, ESKD14, SB19, ZFE16]. **Low-Dimensional** [JH19]. **Low-Discrepancy** [PCX⁺18]. **Low-Level** [KVS⁺14, KWN⁺14, VCRG14, HK16]. **Low-Memory** [BCCS12].

Low-quality [WXL⁺13]. **Low-Rank** [KHKS12, LZL⁺15, LZFH18, SJF11, ZFJ⁺16]. **LSMAT** [RAV⁺19]. **Luminance** [ARM⁺15, KRM⁺15, MBDC15]. **Lyapunov** [GKT16]. **Lyra** [SH14b].

M&M [KWS16, LGZ⁺16]. **Machine** [ERT⁺17, XXLX14]. **Made** [CY11, PGM10, WXL⁺11, FCS⁺16, LT17]. **Magnetic** [BSW⁺12]. **Magnification** [LZQ13]. **Mahalanobis** [CG16a]. **Majorization** [KHKS12]. **Makes** [AYWM14]. **Makeup** [BBIG17, SRH⁺11]. **Making** [BKB⁺12, BBAM12, BMPM12, CCC⁺14, CCH⁺14, HBA12, REH⁺11, WSK⁺19, YIC⁺12, ZZH15, ZCBK12]. **Man** [FCS⁺16, LT17, WXL⁺11].

Man-Made [WXL⁺11, FCS⁺16, LT17]. **Management** [BMPM12, HSK⁺10, WDC⁺10, WKS⁺14]. **Managing** [MGB14]. **Mandatory** [GST14]. **Manhattan** [LWB14]. **Manifold** [BEJM15, Gro16, HDF15, LCY⁺11, MRCB18, NVT⁺14, RRP15, WL10].

Manifold-Based [WL10]. **Manifolds** [AH11, AAS17, KJT14, MGB⁺12, RLB⁺19, SSN18, YS19]. **Manipulating** [DKR⁺14]. **Manipulation** [BYL16, BEKB15, CZY11, CKHL11, EDPB15, FHW⁺11, GKB12, GCZ⁺12, HZF10, JYS19, KKSS15, LTK12, LAFT12, LGZ⁺16, MRM⁺18, MCG⁺19, NSRS13, OVB⁺15, RHL12, SHL⁺14, TBW⁺11, WK12a, YFW12, ZFCO⁺11, ZHH⁺15, vKTS⁺11, RGB⁺14].

Manipulations [NNRS15]. **Manner** [CLJ⁺15]. **Mantle** [OBH⁺11]. **Manual** [SE19]. **Manufacturing** [BKB⁺12, HMA15]. **Many** [DKH⁺14, HREB11, KBLE19, LCDW16, LXY19, NIDN16, OMW16, SHD15, WKS⁺14]. **Many-Core** [LCDW16]. **Many-Light** [DKH⁺14, NIDN16, SHD15]. **Many-View** [HREB11, KBLE19]. **Manycore** [KWN⁺14]. **ManyLands** [AKS⁺19]. **ManyLoDs** [HREB11]. **Map** [And10, BNJ15, BJG⁺15, FBL16, HO17, MDI⁺18, RPWO19, RMC17, RHL12, SSKB15, SBE16a, SBC14, WLZT18, WTLY12, ZDJ16, PCBL16]. **Map-Based** [RHL12, SSKB15]. **Mapping** [AHMAM15, AASB14, CWY11, Deb18, EWMU13, FPC⁺16, FBL16, GUS12, GDML13, GDG12, GPGSK18, GI18, GG14, HLS12, HCW19, JRJ11, JH12, JLKL16, KKPL19, KB12, LSMD15, LWS⁺16, MS12, MP12a, ML17, MBDC15, MGC⁺16, NC16, PDP⁺15, PR12, SWP11, SC10, SFY13, SJL15, SFL19, UMM⁺10, WWL⁺19, WG12, XWZB17, YDF⁺10, YLT19, ZFE16, ZHLW18, ZR19, EMU17, GSC18, RTK⁺14, SSGM17]. **Mappings** [ARLC⁺13, AVBC16, CG16c, JHT14, LA11, NMR⁺18, SHF13, SKPSH13, SBC16, VMTS10, WBCGH11]. **Maps** [AAB⁺10, ABK⁺19, BCD⁺13, BBH13, BCRA11, BBL12, BM10, CG17, CBSS17, CKS⁺16, DLGY12, ESKBC17, EBC17, GBKS18, HA19, HG13, HCO18, JSLW14, JHT14, KFLCO13, KMK12, LT16, MR17, MH17, MRMH12, NBCW⁺11, OBCCG13, RPK⁺12, REH⁺11, RLB⁺19, SVLL10, SBC16, SDMS15, SBC14, SGYF11, SVBC19, SNB⁺12, SGB13, TBP18, Vax12, WGBS18, WHLW19, WMZ12, WLS13, WTH⁺13, YJD⁺18, YMYK14, vKZH13, YFL19]. **March** [PS10]. **Marching** [LCDW16, Muñ14, PWH11]. **Markerless** [FHE19]. **MarketAnalyzer** [KMJE12]. **Markets** [ST18]. **Markov** [MCB16]. **Mask** [FO12]. **Masked** [BNJ15, HHGJ15]. **Masking** [TMHD12]. **Mass** [GKKT13, GT15]. **Mass-Dependent** [GKKT13]. **Massive** [BN12, ND12, PC12, TRAW12, ZFAQ13, ZFA⁺16, MAG19]. **Massively** [VBHH13]. **Matching** [AYWM14, ATCO⁺10, AVBC16, ADG19, BLP10, BS12b, CDM⁺17, COC15, CRA⁺17, DGP17, DLL⁺10, GAWJ15, HMW⁺15, HCSC16, HO17, KKBL15, LRBB17, LBBC14, NC16, NO17, OMMG10, OHG11, OMPG13, PCBL16, PSO18, RRP15, RKN10, SY11, SY12a, SC16, SXY⁺11, SM14b, SL11, ŠBM⁺10, SCF10, TMRL14, TBW⁺11, WSSC11, XXZC13, YYL⁺16, ZYF13, ZST⁺10, ZFCO⁺11, vKTS⁺11, vKZH13, GFK⁺19]. **Matchings** [LB19]. **MatchPad** [LCP⁺12]. **Material** [BSH12, BCRA11, DHI⁺15, FHHJ18, FVHK17, GOPT11, GMM⁺12, KDCM14, LPG19, MRMH12, MSHD15, MC10a, NRM⁺12, NSRS13, PCDS12, PR12, SPN⁺16, SSN18, SKSS14, YZXW12, YWM15, ZZT15, ZXW19]. **Material-aware** [YWM15]. **Materials** [ABW⁺15, ACOM12, BCRA11, DHI⁺15, FEM⁺19, GSDC17, HCJ13, HS17, KPD10, LLD12, LT12, LBH12a, LZB17, MG10, NKLN10, NRM⁺12, OPP10, SARZL10, TLM16, XHC⁺18, XDR11, ZLW15, dFH⁺11]. **Matrices** [BLY⁺11, BDF⁺14, LAE⁺12, OKK13, RS19]. **Matrix** [AT10, BBR⁺16,

DRW15, GKLS19, HR10, LZL⁺15, MRAS17, MRS18, TWT⁺16].
Matryoshka [Jac17]. **Matte** [BO19]. **Matter**
 [Ano16g, Ano16a, Ano16b, Ano16c, Ano16d, Ano16e, Ano16f, Ano17a,
 Ano17b, Ano17c, Ano17d, Ano17e, Ano17f, Ano17g, Ano18a, Ano18b,
 Ano18c, Ano18d, Ano18e, Ano18f, Ano18g, Ano18h, Ano19b, Ano19c,
 Ano19d, Ano19e, Ano19f, Ano19g, Ano19h, Ano19i, OVV10, SJ13a].
Matting [DZC11, EKFM12, GO10, JWL⁺13, YZL17, SPCR14]. **Maximal**
 [EMP⁺12, ERA⁺16]. **Maximization** [ACOM12, JRJ11]. **Maximum**
 [KS13b, SK10]. **MCFTLE** [GKT16]. **Me** [FLJ⁺14]. **Mean**
 [CK11b, KSBC12, SHF13, TAOZ12, XL10, YB18]. **Mean-Curvature**
 [CK11b, KSBC12]. **Mean-shift** [XL10]. **Mean-Variance** [YB18].
Meaningful [MSHD15]. **meanings** [RAmB⁺19]. **Means** [FKSS13].
Measure [AASB19, NNN11, SY12b, VR12]. **Measured**
 [SSN18, BSH12, SSGM17]. **Measurement** [GTB⁺13, HHNČ19].
Measurement-Based [GTB⁺13]. **Measurements** [DSH⁺17]. **Measures**
 [AKV15, SA15, BHT19]. **Measuring** [DCK13, JS10, KARC17, WK17].
Mechanical [UTZ16]. **Mechanism** [LSZ⁺18]. **Mechanisms** [HL15]. **Media**
 [CRGZ10, CLY17, ENSD12, Hol15, KPS⁺14, KF12, SDS⁺16, SKTM11,
 SKGM⁺17, SKMS18, VGS⁺19, WDM⁺12, WHD17, YIC⁺11, GBM⁺19].
Medial
 [BS12a, BS12b, CHWL19, DRF12, HCGW14, LW17, RAV⁺19, YYG18].
Medical [CNCO15, DHS⁺13, HMTH13, HMP⁺12, KMM⁺18, KVD⁺10,
 KBT⁺12, LSBP18, MK11, MHK⁺19a, MMV⁺13, MLK⁺13, MP10, NJB⁺11,
 NLB⁺13, OJMN⁺19, PEPM12, PBC⁺16, RWS⁺10, RPLH11, SMH10,
 SLB⁺18, vPJtHRV12]. **Medicine** [vdCAvW14]. **Medium** [BAO⁺19, McC11].
Meeting [Ano10c, Ano11e, Ano12f, Ano13i]. **MegaViews** [KBLE19].
Melting [IUDN10]. **Members** [Ano10c, Ano11e, Ano12f, Ano13i].
Membership [DvKSW12]. **Membrane** [BBBV12]. **Memory**
 [BCCS12, CCI13, KSS⁺15, QYZ17, RWW16, Ros13, TSdSK13, VH15].
Memory-Efficient [QYZ17, RWW16]. **Men**
 [BMWW14, DGR⁺14, YGCO⁺14]. **Merged** [SBE16a]. **Merging**
 [BW13, CTL13, DMAL10, SSE⁺14]. **Mesh**
 [AMR⁺17, BLVD11, BPVR11, BLK11, BLP⁺13, BCGL18, CK10b, CK11a,
 CYC15, CCW12, CFB16, CBSS17, CH11, DGP17, DRF12, DSWH17, FLL11,
 GSZ11, GLLR11, JLW10, JKL18, KMD⁺17, LMM10, Lav11, LT12, LZFH18,
 LCHB12, MSS11, MSAP15, MKSS12, MLK⁺13, MRAS17, NVT⁺14, NL13,
 PHK⁺10, PW13, PPH⁺13, RGG15, Ren16, RMG18, SLA15, SYM10, SPD14,
 SBCBG11a, TWS⁺11, TSS⁺11, TPC⁺10, VS10, VR12, VVP⁺16, Vax14,
 WJB⁺13, WGH⁺19, WZCF15, XWL⁺15, XXS⁺15, XM15, YYG18, YL11,
 YWTY12, ZVD10, ZWC⁺10, ZDZ⁺15, ZT10, ZWY⁺13, CH12, GHX⁺17,
 LN17, RRS12, VB14b, VD18, VF14, YI10, ZZCJ14]. **Mesh-Free** [PPH⁺13].
mesh-volume [LN17]. **Meshes**
 [BLK11, BSH15, BHU10a, CK10b, CG17, CLL⁺13, DBD⁺13, DG12, EHA⁺19,
 GLLR11, HKA15, JBG17, JJKL18, JLW10, KSO10, KBK⁺10, KFA⁺10,

KFA⁺¹⁴, LBG16, LS10a, LKSD17, MYLZ16, MM19, MS11b, MR12, MRS18, NWHWF16, PBMG15, PPL13, PP11, PW13, PTP⁺¹⁵, POG13, QYZ17, RRP15, RKSA17, SFFP15, SKNS15, SC16, She12, SGS14, SS15a, SBCBG11a, SO10, TWS⁺¹¹, UKCB15, VP11, Vax12, VK18, WLT12, XLS⁺¹⁴, ZSW10a, vTKP11, CVDL16, KP19, SNA17, VR12, VMHB14, WIFD13]. **Meshing** [BL18, CAS⁺¹⁹, DLS10, DMSL11, GHX⁺¹⁷, GSP19, JWWP14, LMPS16, MPP⁺¹³, NZH⁺¹⁸, QYZ17, SJP⁺¹³, SNA17, TPSH14a, Tak19, XGDC17, YGJ⁺¹⁴, ZJC13]. **Meshless** [AWO⁺¹⁰, SM14b, YLHQ12]. **Mesoscale** [LSB⁺¹⁷]. **Mesoscopic** [FKE13, LMS⁺¹⁶]. **Meta** [CDA⁺¹⁴]. **Meta-Layouts** [CDA⁺¹⁴]. **Metaballs** [GPP⁺¹⁰]. **Metabolic** [LDB11]. **Metalights** [FC10]. **Metallic** [BCRA12]. **Metamorphosis** [KPRN11, KFA⁺¹⁴, WCX⁺¹³]. **Metering** [GTM⁺¹², GPRS14]. **Method** [AMT⁺¹², AW13, CK13, FHHJ18, GBW16, HCJ13, HWU⁺¹⁹, HCW19, HZN⁺¹⁸, IPKK13, PCDS12, SSS⁺¹², SLZ⁺¹⁹, UBH14, XWY19, ZXW19, JPCC14]. **Methods** [ABC11, BXH10, BAA⁺¹⁶, BBR⁺¹⁶, BMO⁺¹⁴, BFR17, Cas12, DKH⁺¹⁴, FPC⁺¹⁶, HLH^{+16a}, KZB19, Kaz15, Kim15, KDC17, LCSS19, LK10, LOM⁺¹⁸, MTM12, MSK14, NGHJ18, Ren16, SWP11, SYM⁺¹², SHD15, WBS⁺¹³]. **Metric** [ESKBC17, HCA⁺¹², JC10, JWC⁺¹¹, Lav11, LGK16, PR12, RKSA17, TAE16, Kur15, WGK⁺¹⁹, SLCO19]. **Metrics** [BBK⁺¹⁸, CLL⁺¹³, GHX⁺¹⁷, MMG10, JZW14]. **Metro** [CY14, WTLY12, WTH⁺¹³]. **Metropolis** [CWY11, HH10]. **MIC** [ÁSK14]. **micro** [BSH12]. **micro-facet** [BSH12]. **Microbe** [DWT⁺¹¹]. **Microblog** [ZAM⁺¹⁶]. **microcylinder** [IMDN14]. **Microfacet** [DHI⁺¹⁵, Hd14b, JG19, KGK19, RBMS17]. **Microfacet-Based** [Hd14b, DHI⁺¹⁵]. **Microfacets** [WWH18]. **microflake** [LN18]. **Microgeometry** [GTB⁺¹³]. **microscopic** [LN18]. **Microsoft** [WPHC16]. **Microsurface** [ZXW19]. **Microsurfaces** [TH17]. **Microtiles** [KBW⁺¹²]. **Mid** [MCM⁺¹²]. **Mid-structure** [MCM⁺¹²]. **Min** [STP17]. **Min-path** [STP17]. **Mine** [SPV⁺¹⁰]. **Minimal** [LSR17, VF16]. **Minimization** [BPY16, BSH15, DCYG19, JKJL18, PPL13, WTL15]. **Minimum** [CVJ15, vGPNB17]. **Minimum-Displacement** [vGPNB17]. **Mining** [PZDD19, ZCT18]. **Minkowski** [CK10a]. **MIP** [MS12, XWZB17]. **MIP-Mapping** [MS12, XWZB17]. **Mipmap** [WHLW19]. **MIQP** [WFLW18]. **MIQP-based** [WFLW18]. **Mirror** [FKR13]. **Miscible** [SKK10]. **Misinformation** [WSK⁺¹⁹]. **Mission** [BSK⁺¹⁷]. **Mixed** [BSW⁺¹⁴, JTSZ10, MCH13, KBG⁺¹⁵]. **Mixer** [HZL19]. **Mixing** [MNP⁺¹⁷, SKK10, RCM⁺¹⁴]. **Mixture** [WFZ⁺¹⁵, WDR11]. **MLS** [CGBG13, GB10]. **Mobile** [CSC⁺¹⁸, JSH⁺¹³, KKTD17, KDCM14, PSC10, RKR⁺¹⁶, RPG16, SDHD17]. **Mobility** [LWL^{+16a}, SHL⁺¹⁴]. **Mobility-Trees** [SHL⁺¹⁴]. **Möbius** [BCK18, KLCF10]. **Modal** [AFK⁺¹⁴, HDBRC17, HMW⁺¹⁵, HHD⁺¹², CGT⁺¹⁵, EGG⁺¹⁵]. **Model** [AGR19, ACG⁺¹⁷, ALA⁺¹⁸, BSW10, BPV18, CT11, CRC⁺¹⁵, CHH⁺¹⁹, CLCL11, CBTB16, DLGY12, FHE19, GMD10, GSDC17, GCGP18,

HENfSYS16, HM15, HVVR18, HBO⁺10, Hua17, HAGO19, HSK14, HSKS18, IGAJG15, ISYM15, JTRS12, JG19, JYS19, KrJC⁺11, KKL16a, LGH13, LMG⁺18b, LS15, MEKM17, NPDD11, NDG17, ÖKB10, PSCN10, PC12, QWZ⁺19, RE12, SXY⁺11, SK17, ŠPBV10, SWG16, SJWS13, WFZ⁺15, WWH18, WPY⁺19, WW11, WDR11, WZCF15, YL10, YBK⁺12, ZLM⁺15, ZWRH14, dFH⁺11, AKZM14, IMDN14, LN18, NW17, WJG⁺16, XWG⁺13].

Model- [NPDD11]. **Model-Based** [DLGY12, SK17]. **Modeling** [ADMAS18, ATCO⁺10, ATF12, BLP10, BSK⁺13, BŠMM11, BMR⁺16, BDS⁺12, CJFH14, CSLG10, CD10, CGS16, CRA⁺17, DCNP14, DBD⁺13, DGGK11, DSY10, EASKC18, FWX⁺13, GMM15, GPGB11, GGP⁺19, GGG⁺16b, GLX⁺16, HK12, HBDP17, HSS17, HRS⁺16, HGA⁺10, JTSZ10, JTRS12, JLW10, JPCC14, JL18, KTKM19, KRM⁺15, KWM15, KSG⁺15, KPK10, KK11a, KUMY10, LT17, LKC⁺12, LOM⁺18, LG13, LLC10b, LSN⁺14, LLM⁺17, LSZ⁺18, LSWW11, LVW⁺15, LMPS16, LDY10, LCHB12, MVLS14, MGG⁺10a, MMO16, MWCS13, MWW12, NVH⁺13, NBA18, PdMJ14, PKS11, PBB⁺13, RCB⁺17a, RJT18, SY12a, SSSSW13, STG16, SAG⁺13, ŠBM⁺10, SWS12, SKK⁺14b, SKK⁺14a, TBTB12, UHT18, UTZ16, VKW⁺12, Vax12, WL10, WXR⁺16, WLJ⁺18, WLM13, WWS⁺15, XM15, XHC⁺18, YFW12, YLHQ14, YCXW17, YLD⁺18, YLX⁺16, ZTW⁺12, ZLYL17, ZCL18, ZST⁺10, ZCF⁺13, ZXW19, GDAU14, GDGP16, PGVG19, RCM⁺14].

Modelling [AJC11, BŠMM11, BWK14, EPCV15, FW17, GGP⁺15, KK14, KFA⁺10, KK11a, KBT⁺12, LSWW11, LCM⁺18, MbMYR15, MMRO13, NMM⁺19, RKSA17, RMH⁺18, SM14a, STBB14, SPK⁺14, VAW⁺10, Vax14, WLZ13, WC16, YLG⁺18, YMS10, YLH⁺14, ZHQH17, ZWJ⁺19]. **Models** [Áfr12, ADMAS18, ABCN10, BKD⁺17, BN12, CWGvW19, CRY11, CS16, CYC15, Cet19, CSaLM13, CP10, CP11, DLL⁺10, DMNV12, GWO⁺10, GRP10, HFE13, IGMK⁺16, JL17, KWM15, LMS⁺16, LWS⁺13, LSL⁺19, MWN⁺17, MCM⁺12, MMG18, MG10, MCB16, MBT⁺12, MK15, NVH⁺13, ND12, PC12, PBK10, PH13, RCMM⁺16, SKR⁺14, STKD12, SLHC12, TRAW12, WMXC19, WD11, WC14, WXW18, XCDR10, YDP19, ZBM⁺17, ZHK15, ZR13, CBV⁺14, DFIM15, DMS14, HKM15, LSN⁺14, LEM⁺17, MWCS13, RLYL14, TPSH14b, CHWL19]. **Modes** [NVT⁺14]. **Modifiable** [BMS⁺10]. **Modification** [KB12, LAS⁺11]. **Modifications** [DBD⁺13]. **Modified** [FM15, KSBC12]. **Modifying** [GVS⁺15]. **Modular** [GSDG18]. **Modulation** [WHL10]. **MoleCollar** [BJG⁺15]. **Molecular** [BWH⁺11, Bru19, BTM⁺19, CDSS14, FSTR13, GRDE10, HVVR18, KFR⁺11, LKEP14, LPSV14, LMA⁺18, LBPH10, PJR⁺14, SAMG14, SKR⁺14, SLD⁺17, vdZLBI11]. **Moments** [KFH10]. **Monochromatic** [LLC19]. **Monochrome** [AASB19, SB19]. **Monocular** [MD19, ZTG⁺18]. **montage** [HHS14, GWO⁺10]. **Monte** [BMDS19, BEEM15, BRM⁺16b, BB17, DWR10, GAM17, GKT16, HCJ13, HD14a, HB19, JEK⁺19, KS13a, KVS⁺14, MMG18, MJL⁺13, MIGMM17, MGN17, NGHJ18, SHZD17, SMJ17, SÖA⁺19, VAN⁺19, ZHD18, ZJL⁺15]. **Monte-Carlo** [KVS⁺14, MMG18]. **Morphing**

[AECOK16, CFB16, DSL15, GLHH13, GCLX17, LLN⁺14, WWL⁺13].
Morphological [JESG12]. **Morphologies** [AMYB17, ASB⁺17, KFM⁺19].
Morphology [JPK13]. **Morse** [DFIM15, SN12, Szy11, WIFD13]. **Mosaic**
 [CBC⁺15]. **Mosaics** [LVJ10, ME13, MFPA15]. **Motion**
 [AMYB17, AWO⁺10, AGR19, ARB⁺18, ACOHS18, AWCO10, BCN11a,
 BSC16, BIZ18, BTS⁺17b, BvTH16, CYC15, CZY11, CCTL12, CKHL11,
 CYI⁺12, CKE⁺12, DLGY12, EHT18, ESKT15, FHE19, FP15, FHW⁺11,
 FGT⁺16, GS14, GPR⁺15, HWK⁺10, HL18, HLL⁺19, HZF10, HHRZ12,
 HLL16, JKL18, KRMS13, KÓOH13, KSP⁺18, LMSG16, LDG19, LK17,
 LWPL15, LYG15, LZ10, MGC⁺16, MVH⁺14, NSG11, PHE⁺11, PLL11, PP10,
 PM19, RZS10, RTK⁺14, SCR⁺18, SHW⁺18, SHS13, SJF11, USSK11, VB14a,
 VF14, WLZH17, WWT⁺16, WGO⁺14, WLI⁺12, YL10, ZZT15, ZHK15,
 ZRJ⁺15, vBE11, HNJ⁺14]. **Motion-Compensated** [PM19]. **Motion-flow**
 [PHE⁺11]. **Motional** [FSTR13]. **Motions** [HSK14]. **Motivated**
 [HFM16, PBC⁺16, DER⁺10, TDMS14]. **Motor** [CD18]. **Mounted**
 [WRK⁺16]. **Mouse** [OGW19]. **Movement**
 [BMH⁺12, BSBE17, LRB⁺15, SAMS⁺17, SvL16, WVV11, ZFAQ13].
Movements [NBH18a, SK17, AFHdL14]. **Movies** [DH16]. **Moving**
 [KASH13, MS10a, MC17, ZSW⁺10b, ZBW11, KBÖ⁺14]. **MPM**
 [YLCH18, ZZL⁺17]. **MR** [MK11, ZVE⁺14]. **MRI**
 [KPG⁺16, KBvP⁺17, KGGP18, MKP⁺16, dHvPJV14]. **Multi**
 [ÁSK14, ATO17, AFK⁺14, ABCN10, BTST12, BTB13, BBP10, CSFP12,
 CGT⁺15, CD10, CWL19, CSS⁺18, CKK18, CDS16, CP10, DZD⁺16, DAD⁺19,
 DSH⁺17, ENMGC19, EAGA⁺16, EASG⁺17, EGG⁺15, FDL14, FvdP15,
 FL19, FMH16, FNH⁺17, GDG12, GHWG14, HDBRC17, HFM10, HMW⁺15,
 HWF⁺17, HZL19, HLJ⁺13, HJS⁺17, IABT11, ISYM15, JSH⁺13, KARC15,
 KH19, KKS⁺12, KMB⁺17, KVD⁺10, KZZM12, LBG16, LWLD11, LeYO⁺10,
 LMLG15, LWL⁺16b, LJL⁺18, LLLY19, LFYX19, LTK12, LCD10, LHNS18,
 LLC19, MJBC13, MbMYR15, MMP16, NJB⁺11, NPCB17, NBA19, PBMG15,
 PSPM12, PDC⁺19, RHS⁺12, RLYL14, SM10, SM11, SHSK16, SGW12,
 STMT12, SDMS15, SHW⁺18, SR14, SS15a, SGG16, TIK17, VSK16,
 WWL⁺19, WPY⁺19, WDAH10, WLI⁺12, XSXM13, XXS⁺15, XBL⁺18,
 YFW12, YLHQ14, YWC⁺10, YMS10, ZLM⁺15, ZCW⁺19, ZXTD10,
 BRM⁺16a, HL14, NGM14, PGVG19, TWSM17, VF14]. **Multi-Bounce**
 [LWLD11]. **Multi-BVH** [ÁSK14]. **Multi-Channel** [CSS⁺18, FMH16].
Multi-Chart [CP10]. **Multi-Class** [ENMGC19, SGW12]. **Multi-column**
 [LLLY19]. **Multi-Component** [ZXTD10, BTST12]. **Multi-Core** [IABT11].
Multi-Dimensional [BTB13, FDL14, GHWG14, KKS⁺12, KZZM12,
 LHNS18, PSPM12, STMT12, SGG16, ZCW⁺19, TWSM17]. **Multi-element**
 [YFW12]. **Multi-Field** [FL19, CGT⁺15, EGG⁺15]. **multi-filament** [HL14].
Multi-Frame [LWL⁺16b]. **Multi-Grid** [KH19]. **Multi-Image**
 [DAD⁺19, NPCB17, YWC⁺10, DZD⁺16]. **Multi-impact** [ZLM⁺15].
Multi-Jittered [CKK18]. **Multi-Joint** [KVD⁺10]. **Multi-Kernel**
 [HLJ⁺13]. **Multi-Layer** [SDMS15, CSFP12, ISYM15, LCD10].

Multi-Layered [MbMYR15, RHS⁺12, LLC19]. **Multi-Level** [ABCN10, HFM10, NJB⁺11]. **Multi-Light** [PDC⁺19]. **Multi-Modal** [AFK⁺14, HDBRC17, HMW⁺15, CGT⁺15, EGG⁺15]. **Multi-Party** [EAGA⁺16, EASG⁺17]. **Multi-Perspective** [YMS10, LTK12, BRM⁺16a]. **Multi-Phase** [ATO17, HJS⁺17]. **Multi-Pose** [NBA19]. **Multi-Projection** [TIK17]. **Multi-Projector** [SM10, SM11]. **Multi-Resolution** [LBG16, LeYO⁺10, VF14]. **Multi-room** [MMP16, PGVG19]. **Multi-Run** [FL19]. **Multi-sample** [SHSK16]. **Multi-Scale** [DSH⁺17, SR14, WWL⁺19, WDAH10, XSXM13, CD10, GDG12, MJBC13, YLHQ14, NGM14]. **Multi-Sided** [SS15a, VSK16]. **Multi-Skilled** [FvdP15]. **Multi-Spectral** [LMLG15]. **Multi-Step** [WPY⁺19]. **Multi-Style** [HZL19, RLYL14]. **Multi-task** [KARC15]. **Multi-Texturing** [PBMG15]. **Multi-Touch** [JSH⁺13, SHW⁺18]. **Multi-User** [XBL⁺18]. **Multi-Variate** [CDS16, HWF⁺17, KKS⁺12, KZZM12, PSPM12, STMT12]. **Multi-View** [BBP10, CWL19, FNH⁺17, KMB⁺17, LFYX19, WLI⁺12, XXS⁺15, LJL⁺18, SM10]. **Multibody** [ATK17]. **Multichannel** [JvdGMR19]. **Multicore** [KWN⁺14, VOS⁺10]. **Multidimensional** [FR11, JPN15, LT16, LMG⁺18b, NNN11, PEP⁺11a, PEP⁺11b, RW18, WKS⁺14, YWS⁺14]. **Multidirectional** [ŠPBV10]. **Multifaceted** [PDW⁺14]. **Multifield** [HHC⁺13, NNN11]. **Multifields** [MFL13]. **Multifocal** [CGM19]. **Multigrid** [JCK⁺13, WWF⁺18, WMRSF15]. **Multilayer** [MGM⁺19]. **Multilevel** [TL16]. **Multimodal** [LSBP18]. **MultiPiles** [BHRD⁺15]. **Multiplanar** [CSaLM13]. **Multiplane** [WZH13]. **Multiple** [AWO⁺10, BKB⁺12, BBAM12, CCM19, DWT⁺11, FKSS13, GRT18, JR16, KPNS10, KPS⁺14, KSD14a, KFR18, KJT14, LMW⁺19, LJZX15, LWS18, LXY19, LMGH⁺13, LPG13, RAmB⁺19, SS16, SY14b, SHSK16, SDS⁺16, SKMS18, TMRL14, WHD17, WYKR17, ZAM⁺16, KBÖ⁺14, TWMSK18, ZJC13]. **Multiple-Bounce** [JR16]. **Multiple-Scattering** [CCM19]. **Multiples** [BBL12, LHNS18, vdEvW13, BRM⁺16a]. **Multiplex** [RMM15]. **Multiplexing** [CWB⁺14]. **Multiresolution** [MS10b, NPW10, SBE16a, SBE16b, SMP13, vTKP11]. **Multisampling** [JCK16]. **Multiscale** [CWW⁺11, GL12, Lav11, Mér11, PFH⁺18, Rus11]. **Multitouch** [ATF12]. **Multivariate** [AKMM11, BPF11, BSW⁺14, BHR⁺19, BCD⁺10, BFG⁺17, HV10, KF10, KKS⁺12, ME13, NMSL19, PKRJ10, RL14, RL16, RMH⁺18, RSSL17, SV10, WCH⁺15, ZLMM16, ZH14, DKG15]. **Multiview** [FHE19, TF15, CHA⁺14]. **Mumford** [BCGL18]. **Munich** [PS10]. **Muscle** [KK14, NVH⁺13, RPPD17]. **Muscle-Based** [RPPD17]. **Museum** [LBK14]. **Music** [WBSH⁺13]. **Mutable** [MWCS13]. **Mutual** [XWY⁺15]. **MyEvents** [PZDD19].

Named [EASG⁺17, SJB⁺17]. **Named-Entity** [EASG⁺17]. **Names** [KvLB14]. **Nanometric** [ACAA⁺19]. **Nanoscopic** [LBH12a]. **Nanostructures** [DTS⁺14]. **Narrative** [MRL⁺17, SH14a, ZH12]. **Narrow** [FAW⁺16, SWT⁺18, SDS⁺16]. **Natural** [BCD⁺13, DGGK11, GPGB11,

HT11, HZMH14, KRB11, NW13, PKS11, GGG^{+16b}, JCT14]. **Naturalness** [SLCL19, VVE⁺¹⁰]. **Naturalness-Preserving** [SLCL19]. **Nature** [BMW14, DGR⁺¹⁴, HFM16, WJG⁺¹⁶, YGCO⁺¹⁴]. **Navigating** [BBP10, HW10, PBK10]. **Navigation** [ACS⁺¹⁷, CLWM11, GRE11, LLB⁺¹⁰, MSDK12, WBAI19, ZBM⁺¹⁷, LCMP19]. **Near** [FDL14, FGT⁺¹⁶, KAS⁺¹⁹, NLB⁺¹³, TSB16, WLZT18, MM18]. **Near-Eye** [KAS⁺¹⁹]. **Near-Instant** [FGT⁺¹⁶]. **Near-Isometric** [TSB16]. **Near-Wall** [NLB⁺¹³]. **Nearly** [SBL12]. **Nebulae** [WLM13]. **Needle** [HMP⁺¹², KFR18]. **Neighbor** [KCL⁺¹⁸, PHL⁺¹⁶]. **Neighbors** [PM16]. **Neighbourhood** [SL11, VS10]. **Neighbourhoods** [OW19]. **NEREx** [EASG⁺¹⁷]. **Nested** [KP18, LWM⁺¹⁷]. **Nesting** [Jac17]. **netflower** [SRG⁺¹⁹]. **Nets** [CLGS18]. **Network** [BBR⁺¹⁶, CDA⁺¹⁴, CLWM11, DAD⁺¹⁹, HZL19, JGH11, KAT⁺¹⁹, LQS⁺¹⁹, MBRHD18, MGM⁺¹⁹, NHL16, RG19, SRG⁺¹⁹, TXL⁺¹⁹, WGW⁺¹⁹, YZZ18, YC19]. **Networks** [ACA18, BHRD⁺¹⁵, BWK14, BCD⁺¹⁰, BJB⁺¹⁸, CBLW19, CLWM11, DPF16, DGGK11, DRW15, GPGB11, GLK16, GCW15, HGRS⁺¹⁷, HHCJ18, JvdGMR19, KR15, hKTL⁺¹⁷, KWÖG18, KG19, KvLB14, KFM⁺¹⁹, LDB11, MSFM16, NAM⁺¹⁷, NHL16, NMSL19, PGS⁺¹⁶, POCM19, RTJ⁺¹¹, RMM15, RÖPG18, SSK16, SV14, SAAB11, SLCL19, SBM⁺¹⁴, TLFC16, UHT18, WLZX19, XHW⁺¹⁸, YSM19, ZZ17, ZWHK16, BMM⁺¹⁵, OKK13, vDHO16, LLLY19]. **Neural** [hKTL⁺¹⁷, KWÖG18, KG19, MBRHD18, NAM⁺¹⁷, POCM19, RJGW19, RG19, RÖPG18, SMB⁺¹⁷, TXL⁺¹⁹, UHT18, YZZ18, YC19, ZZ17]. **NeuroLens** [ZZ17]. **Neuromatrix** [Thi11]. **Newspaper** [KvLB14]. **Next** [HDF15, WHD17]. **No** [HČA⁺¹²]. **No-Reference** [HČA⁺¹²]. **Node** [BHR17, GEY12, SSK16, SBD^{+15b}]. **Node-Link** [BHR17, GEY12, SSK16, SBD^{+15b}]. **Node-Link-Group** [SSK16]. **Nodes** [SAAB11]. **Noise** [BLV⁺¹⁰, BB17, FLJ⁺¹⁴, GLM17, GCSA13, HB19, KS11, KS12a, KS13a, LLC^{+10a}, MIGMM17, PCX⁺¹⁸, RRS16, WJDZ14, WYKR17, YGJ⁺¹⁴, CG12]. **Noise-Adaptive** [GCSA13]. **Noise-Aware** [WJDZ14]. **Noisy** [FLJ⁺¹⁴, GLK18, KJT14, OW19, WYZC13]. **Non** [ABG⁺¹², BPVR11, CRGZ10, CYY⁺¹¹, CGBG13, CCTL12, CJP⁺¹⁹, GSTOG16, GO15, HHCJ18, JCW11, KSBC12, KPK10, KBT⁺¹², LA11, LZL⁺¹⁵, LZFH18, LMPD15, LRB⁺¹⁶, LXFW11, LWY⁺¹¹, MJBC13, MRL10, OHG11, RAMG15, SM14a, SKZ13, SSB13, SSJ⁺¹⁰, TMRL14, TBKP12, USSK11, VVC⁺¹¹, WNS⁺¹⁰, WT11, XCDR10, YKM12, YLLL15, ZYF13, ZST⁺¹⁰, ZFJ⁺¹⁶, RRS12, XXY⁺¹⁸]. **Non-Circular** [KBT⁺¹²]. **Non-Constant** [CRGZ10]. **non-homogeneous** [RRS12]. **Non-Isometric** [GSTOG16]. **Non-iterative** [MRL10, TBKP12]. **Non-Linear** [LA11, LXFW11, LWY⁺¹¹, SSB13, MJBC13, RAMG15]. **Non-Local** [LZL⁺¹⁵, LZFH18, SKZ13, ZFJ⁺¹⁶]. **Non-Oriented** [CGBG13]. **Non-parallel** [HHCJ18]. **Non-Periodic** [SM14a]. **Non-Photorealistic** [ABG⁺¹², CYY⁺¹¹, JCW11, LMPD15, USSK11, VVC⁺¹¹, WT11, YKM12, SSJ⁺¹⁰, WNS⁺¹⁰, XCDR10]. **Non-Rigid** [LRB⁺¹⁶, OHG11, TMRL14, ZYF13, BPVR11, YLLL15, ZST⁺¹⁰, XXY⁺¹⁸].

Non-singular [KSBC12]. **Non-Terminal** [KPK10]. **Non-uniform** [CCTL12]. **Non-Uniformly** [GO15]. **Non-Visual** [CJP⁺19]. **Nonlinear** [HK12, WWF⁺18, YLHQ12]. **Nonlinearly** [BRM⁺16b]. **Nonparametric** [PH13]. **Nonrigid** [BS12b]. **Nonuniform** [WH17a]. **NoRM** [HČA⁺12]. **Normal** [BM12, BM16, CACB18, JBG19, JSLW14, LZFH18, MSS⁺10, SSG17, SCQ⁺19, WLT⁺17, ZDZ⁺15, ZWY⁺13, CFGL16]. **Normalization** [LIK19, SY12a]. **Normals** [Hd14b]. **Note** [Ano13h]. **Novel** [ABW⁺15, GPK⁺12, LL19, LSR17, LZQ13, TZD11, WYY13]. **Novel-View** [GPK⁺12, LSR17]. **NPR** [CS16, HLH⁺16b, KM16, TLM16]. **Number** [OHG11]. **Numbers** [SL11]. **Numerical** [Kaz15, Kim15, KUMY10, OLF⁺14, AVBC18]. **NURBS** [SYT⁺13].

Object [BSL18, CKS⁺15, DS11a, DZC11, EBGM12, GCZ⁺12, GTK⁺12, IKL⁺10, IEH⁺14, KFW19, LSF⁺11, LDGN15, MBM13, MPM⁺14, MSP15, MCG⁺19, MRS12, PS10, SSB13, SJWS13, WPY⁺19, XXY⁺18, YCL⁺17, ZZWC16, ZCK17, ZXZ⁺17, JCT14]. **Object-Centered** [CKS⁺15]. **Object-Space** [MRS12]. **Objective** [TAEE16]. **Objectives** [SPF⁺19]. **Objects** [AWO⁺10, Att15, ATF12, BvTH16, EDPB15, FCS⁺16, GPG⁺16, HK16, HCSC16, Jac17, JZYP18, KKB16, KKSS15, KMHG13, KKPL19, KS12b, LPH⁺15, LAFT12, LTR19, MCHW18, MGG10b, MMO16, PDP⁺15, RAMG15, TXGW19, UTZ16, WWH⁺10, WXL⁺11, WK12a, WDZ17, WWT⁺16, WW11, YH13, ZXTD10, NW17, ZKWG16]. **Oblivious** [SSE⁺14, DLL⁺10]. **Obscure** [Tim13]. **Observation** [BRB⁺13]. **Observer** [WWV17]. **Obstacles** [Man16]. **Obtuse** [XYLY19]. **Occluded** [TXGW19]. **Occluder** [SSLL14]. **Occluding** [ABK⁺19]. **Occlusion** [IH11, LK10, LWDB10, MSW10, NJC⁺19, ŠPBV10, SGG15, YWC⁺10]. **occurrence** [SCD⁺16]. **Ocean** [AHG⁺19, BNH10, DCGG11, LSB⁺17, WHP⁺11]. **OCT** [GHB⁺17]. **Octree** [GSP19, JZYP18, KKK18, LMP⁺10]. **Octree-Based** [GSP19, JZYP18]. **Octrees** [BLD14a]. **off** [VVE⁺10]. **Offline** [BMDS19]. **Offs** [BMPM12]. **Oil** [SDHD17]. **Olfaction** [HBRD⁺18]. **Omnidirectional** [XLH⁺13]. **Omniscient** [LPSV14]. **On-demand** [GLX⁺16]. **On-line** [DZD⁺16, HNJ⁺14]. **On-Site** [LPG19]. **On-The-Fly** [OAM⁺18, LZB17, ZOA⁺18, DJSJ19, SKK⁺14b]. **One** [OMMG10, SHSK16, Kur15]. **one-dimensional** [Kur15]. **One-sample** [SHSK16]. **Online** [AWCO10, JKJL18, RWW16, SHS⁺17, WHS⁺18, XXY⁺18, ZZZ⁺19]. **Ontological** [CE19]. **Ontology** [FW17, XWG⁺13]. **Ontology-Based** [FW17, XWG⁺13]. **Opacity** [GSE⁺14b, GTG17, GRT14, WZC⁺11]. **Opaque** [IPKK13, WWT⁺16]. **Operations** [DI18, KCH19, LMM10]. **Operator** [ABCCO13, BEKB15, GRT18, HS19, KKB18, LJC17, MEMO14, PPH⁺13, QCW⁺18, HP11]. **Operators** [BNH⁺16, BEKB15, BHU10b, EWMU13, HCO18, JTSZ10, MBDC15, UMM⁺10, YI10, YDT⁺18]. **Opportunities** [DAF⁺18]. **Optical**

[DYFX19, IGAJG15, TBKP12, VWH18, WHL10, LCMP19]. **Optics**
 [CRGZ10, HHH12, MTAM12]. **Optimal**
 [BSH15, FDL14, HW16, KPRN11, MBB19, Mér11, Meu19, SSG17, SEG⁺¹⁴,
 She12, YIC⁺¹¹, dGCSAD11, MM18]. **Optimality** [HHC⁺¹³]. **Optimising**
 [VP11]. **Optimization** [ADG19, BHH13, BLK11, CG12, ESKT15, GP18,
 GSE^{+14b}, GTG17, GLGW12, IEGT17, JHT14, JL19, KNL⁺¹⁵, Kim15,
 LMW⁺¹⁹, LEE17, LMLF15, MCHW18, MJBC13, MSAP15, MB18,
 NBCW⁺¹¹, NSRS13, PW13, POG13, PSO18, RZS10, RS19, SBC⁺¹⁷, TE18,
 TIK17, VMH⁺¹³, WJB⁺¹³, WCT⁺¹⁵, WW16, XWL⁺¹⁵, YGJ⁺¹⁴, YCXW17,
 YWHB18, ZXZ⁺¹⁷, GSC18, GRT14, ZKWG16]. **Optimization-Based**
 [XWL⁺¹⁵, RZS10]. **Optimized**
 [BM15, DTV15, HDL11, MPCG12, NREM14, TWS⁺¹¹, VB14a]. **Optimizer**
 [VGB^{+14b}]. **Optimizing** [BCRA11, CHA⁺¹⁴, CTHAM10, KRMS13,
 LCWCO10, MWTI19, RGB⁺¹⁴, WZK16]. **Orbit** [SAD⁺¹⁶]. **Order**
 [GO15, GRT19, IH11, KASH13, LPG13, Muñ14, NM14, NPW10, ORT18,
 POS^{+11a}, RW18, SVLL10, SBF15, SK10, Sch11, SK16a, ÜFE10, YHGT10,
 BRM^{+16b}, MRL10]. **Order-Independent** [SBF15]. **Orderability**
 [CAB⁺¹⁶]. **Ordered** [CAB⁺¹⁶]. **Ordering** [DH16, FR11, WTMT18].
Organic [ABW⁺¹⁵]. **Organization** [PEP^{+11a}]. **Organizing**
 [AAB⁺¹⁰, SWS12]. **Orientation**
 [CCLN10, JBG19, PD16, RHLH18, WSSC11]. **Orientations**
 [SSG17, RGB⁺¹⁴]. **Oriented**
 [CGBG13, MC10a, PHK⁺¹⁰, SSW14b, YXX14, KBK⁺¹⁰, LXY19]. **Origami**
 [KTKM19, MDI⁺¹⁸]. **Origin** [BBBL11, ZFA⁺¹⁶, ZSJT19].
Origin-Destination [BBBL11, ZFA⁺¹⁶, ZSJT19]. **Original** [TLFC16].
Orleans [CSLG10]. **Ornamental** [ZWXL17]. **Orthogonal**
 [DKMT18, JEK⁺¹⁹, SGRT12, MVPG11]. **Oui** [ZCW⁺¹⁹]. **our** [Thi11].
Out-of-Core [BLD14a, DC10, GG14, KTO11]. **Outdoor**
 [CLG⁺¹⁸, ESKT15, GPK⁺¹², WXL⁺¹³, XZP⁺¹³]. **Outer** [KTKM19].
Outlier [BFG⁺¹⁷, DWR10, HOB⁺¹⁹, ZCW⁺¹⁹]. **Output**
 [BSAP11, EPAS11, SBS⁺¹⁷, GGM12]. **Output-Sensitive**
 [BSAP11, SBS⁺¹⁷, GGM12]. **Outstanding** [Can11]. **Overall** [ZHLW18].
Overlap [Meu19, SSS⁺¹², vGPNB17]. **Overlapping** [DSWH17].
Overloaded [DKMT18]. **Overview**
 [BCN11b, GRE11, OJS⁺¹¹, ZCH⁺¹⁷, LEM⁺¹⁷].

Packable [WPGSH18]. **Packaging** [YH13]. **Packet** [GL10a]. **Packing**
 [Att15, ERA⁺¹⁶, MCHW18, NS11, XDY18]. **PackMerger** [VGB^{+14b}].
Padding [CAS⁺¹⁹]. **PAG** [CC14]. **Paint** [FLL11, SGSP15]. **Painted**
 [LCC⁺¹⁸]. **Painterly** [LPSB18]. **Painting** [CLJ⁺¹⁵, CLLC15, HZF10,
 KKK18, LMPD15, LFA⁺¹⁵, PFC15, SLE17, SKNS15, SDHD17]. **Paintings**
 [WTLL13, ZCC14]. **Pair** [BMB15b, YWF⁺¹⁹]. **Pairs** [WKM15]. **Pairwise**
 [CSC⁺¹⁸, PD16]. **Palette** [JYS19, WLX19]. **Palette-based** [WLX19].
Palettes [KM16]. **Pan** [TLW⁺¹⁹]. **Pan/Zoom** [TLW⁺¹⁹]. **Panoptic**

[YC19]. **Panorama** [BB14, BCK⁺12]. **Panoramic** [LWL⁺16b, PSHZ⁺15, DGR⁺14, PGVG19]. **Paper** [Lar10, PdMJ14, RLYL14, SRH17]. **Papercraft** [XCDR10]. **Papers** [ML17]. **PaperVis** [CY11]. **Papilio** [LFC14]. **Paraboloid** [WHLW19]. **Paradigms** [SE19]. **Parallax** [Ake11, LMSG16]. **Parallel** [AIAT12, CG12, DCK12, DG12, FP15, GMM15, GRT18, GRPF16, HBW11, HMB17, HREB11, IABT11, JBG17, JBG19, JZYP18, JR16, KARC15, KVS⁺14, KMA⁺19, KZZM12, Kuh12, LCDW16, MB18, MKSS12, MRAS17, POS⁺11a, PTO10, SN12, SMM13, SKK⁺14a, VBHH13, VOS⁺10, WWF⁺18, WDZ17, HHCJ18]. **Parallel-Coordinates** [GRPF16]. **Parallelization** [LL18]. **Parameter** [AGR19, BPGF11, BvLBS11, ERHH11, GKHF14, GAWJ15, LBH12b, LRB⁺15, SBC⁺17, TFA⁺11, WGO⁺14]. **Parameter-Dependent** [LRB⁺15]. **Parameterisation** [SJ13b]. **Parameterization** [CK14, CBSS17, GDG12, HLS12, MS12, MP12a, NRP11, Sch13, SSN18, SLZ⁺19, PSP⁺14]. **Parameterization-Aware** [MS12]. **Parameterizations** [CK11a, GUK⁺17]. **Parameterized** [KAT⁺19, KSKL13, LPG10]. **Parameterizing** [AKZM14]. **Parameters** [CEX⁺18, DHI⁺15, ESKT15, JCW11, SSM12]. **Parametric** [GMM15, KWM15, WDR11]. **Parametrization** [AMS16, CIE⁺16, CLS16, CBSS17, ESKBC17, MC19, SGRT12, UFK13, YFWR11]. **Parametrizations** [CIE⁺16]. **Parametrized** [TE18]. **Parcels** [VKW⁺12]. **Pareto** [HHC⁺13]. **Parity** [SY12b]. **Part** [JTRS12, LVW⁺15, RMG18, XXM⁺13, ZCOM13, vKTS⁺11, DMS14, NW17, ZCOAM14]. **Part-Based** [LVW⁺15, JTRS12, RMG18, DMS14]. **part-segmented** [NW17]. **Partial** [CRA⁺17, GAWJ15, LRBB17, MH13, PSPM12, RLH⁺18, RCB⁺17b, SY14a, SGS14, SDKG18, vKZH13]. **Partially** [TXGW19]. **Participating** [ENSD12, Hol15, KPS⁺14, KF12, SKTM11, SKGM⁺17, SKMS18, VGS⁺19, YIC⁺11]. **Particle** [AIAT12, BSW10, CZY11, DGP17, IPKK13, IUDN10, KS18, SCN⁺16, SMM13, SGG15, UBH14, VMH⁺13, WAF⁺11, YLHQ14, YWTY12, ZLKW13]. **Particle-Based** [AIAT12, BSW10, DGP17, IUDN10, SCN⁺16, SGG15, ZLKW13]. **Particle-Grid** [IPKK13, UBH14, YLHQ14]. **Particles** [ELPH19, GT15, HYZ⁺14, KS14, RGG18, UBH14, WWH⁺14, YLHQ14]. **Partition** [DLGY12, MHA17]. **Partitioned** [GMAG15]. **Partitioning** [Cam17, EBG12, FP15, KFW19, YIC⁺11, GD16, VF14]. **Partitions** [MS10b]. **Parts** [GLX⁺16, SJWS13, TMRL14]. **Party** [EAGA⁺16, EASG⁺17]. **Pass** [LCD10]. **Passive** [LPSV14]. **Patch** [CCM19, FACO17, RDK13, RSK10, VSK16]. **Patch-based** [RSK10]. **Patch-Collaborative** [RDK13]. **Patch2Vec** [FACO17]. **Patches** [AJA11, Cam17, DSWH17, GGV⁺19, LCC⁺18, MVZ16, SS15a, TPSH14a, SZ18]. **PatchMatch** [BO19]. **PatchMatch-based** [BO19]. **Path** [APP10, BYM18, BMDS19, Bik12, BNH⁺16, CGH18, CBTB16, ENSB13, HOB⁺19, HEV⁺16, HKL17, KD13, KF12, LMK⁺15, MHK⁺19a, MMG18, MFW18, MGN17, NB15, PBPP11, PBE18, PRDD15, RI17, SKTM11,

YIC⁺¹¹, ZRJ⁺¹⁵, NDD14, STP17]. **Path-Preserving** [APP10]. **Path-Searching** [RI17]. **Path-space** [ZRJ⁺¹⁵]. **Path-Tracing** [PBPP11]. **Pathfinder** [PGS⁺¹⁶]. **Pathline** [HSJW14, MWS⁺¹⁰]. **Pathology** [JSH⁺¹³]. **Paths** [BLP10, HKD15, HDF15, PGS⁺¹⁶, PRDD15]. **Pathway** [HMP⁺¹², LDB11]. **Pathways** [BWH⁺¹¹]. **Pattern** [TPSH14a, TLH19, WESW17, ZWRH14, ZCT18]. **Pattern-Based** [TPSH14a]. **Patterns** [AASB19, AAB⁺¹⁰, BHRD⁺¹⁵, BCBSG10, BSBE17, CSG⁺¹⁸, DJSJ19, Gda17, Gia18, LKD⁺¹⁷, MBES16, MSFM16, RL16, STG16, XCDR10, ZFAQ13, ZFA⁺¹⁶, ZLMM16, dGWB⁺¹⁴, ZLL13]. **PC** [KPG⁺¹⁶, KBvP⁺¹⁷, KGGP18, MKP⁺¹⁶]. **PC-MRI** [KGGP18, MKP⁺¹⁶]. **PCA** [GKB⁺¹¹, NKLN10]. **PCP** [HV10]. **PCPN** [GKOM18]. **PCs** [SPH11]. **PDE** [BF15, LJZX15]. **PDE-Based** [BF15]. **Peak** [HJM⁺¹¹]. **Peak-Preserving** [HJM⁺¹¹]. **Pedigree** [GKPL11]. **Peeling** [LCD10]. **Pen** [BH15]. **Pencil** [YSM19, YKM12]. **PencilArt** [GTL⁺¹⁸]. **Penciling** [GTL⁺¹⁸]. **Pendulum** [HSK14, HSKS18]. **Penetration** [NL18]. **Per-Vertex** [MTAM12]. **Perceived** [DBS⁺¹⁸, JVS⁺¹², VP11]. **Perceiving** [SBLC17]. **Perception** [CWB⁺¹⁴, ER18, FVHK17, GEY12, HK16, HDBRC17, HHD⁺¹², JKLS10, KRMS13, KRM⁺¹⁵, LHH⁺¹³, MG10, MC14, MSK14, MK15, OAJ14, RGG15, RB10, RPA⁺¹⁵, SW11, SGRT12, SCCN11, SLH⁺¹⁸, TX16, VCL⁺¹¹, VR12, WSR⁺¹⁷, WTLL13, XCDR10, YMM10, YLRC10]. **Perception-driven** [WSR⁺¹⁷]. **Perceptual** [BGCP11, CAB⁺¹⁶, CLL⁺¹³, HCA⁺¹², JVS⁺¹², KNH⁺¹⁸, LBH12b, MG10, PHM⁺¹⁴, RE12, SCCN11, TMHD12, HHS14]. **Perceptually** [DER⁺¹⁰, HFM16, KYKL14, LAS⁺¹¹, LBH12b, MPCG12, PBC⁺¹⁶, TDMS14]. **Perceptually-based** [KYKL14]. **Perceptually-motivated** [DER⁺¹⁰, TDMS14]. **Perfect** [HKA15, RRP15]. **Perfopticon** [MHHH15]. **Performance** [ASL⁺¹⁹, ABW⁺¹⁵, ASB⁺¹⁷, BS19, BAA⁺¹⁶, CWL19, DBB⁺¹⁸, FHW⁺¹¹, GKB⁺¹¹, HV10, LK17, LCP⁺¹², LS15, Ros13, SMM13, SMP13, VHB16, WLI⁺¹²]. **Performance-Based** [LK17]. **Performance-Driven** [BS19]. **Performances** [LWS⁺¹³]. **Performative** [PMG13]. **Performer** [ACC15]. **Peridynamic** [XHC⁺¹⁸]. **Peridynamics** [CZZ⁺¹⁸]. **Peridynamics-Based** [CZZ⁺¹⁸]. **Periodic** [SM14a]. **Permissions** [LFC14]. **Permuting** [HB19]. **Permutohedral** [ABD10]. **Persistence** [GSW12]. **Persistent** [DLL⁺¹⁰, RL15, RL16, Kur15]. **Person** [BBGB19, CCC⁺¹⁴]. **Person-Specific** [BBGB19]. **Personal** [PZDD19, RGM⁺¹⁸, vdCvW17]. **Personalized** [MK15]. **Persons** [LJL⁺¹⁸]. **Perspective** [CGM19, IEH⁺¹⁴, SSK16, YMS10, BRM^{+16a}, LTK12]. **Perspectives** [BCBB16]. **PET** [DHS⁺¹³]. **PET/CT** [DHS⁺¹³]. **Phase** [ATO17, AKS⁺¹⁹, HJS⁺¹⁷, NSM19, PSP10, PNVS17, RGG18, QWZ⁺¹⁹, SR19]. **Phase-Based** [PNVS17]. **Phenomena** [BP19, DGK11, GPGB11, HT11, KRB11, PKS11]. **phenomenological** [WJG⁺¹⁶]. **Phenotyping** [HPvU⁺¹⁶]. **PHOG** [BCGS13]. **Phong** [OT11]. **Phosphorescent** [NSR17]. **Photo** [GKB12, GCZ⁺¹², GLGW12, IRWM17,

KLV12, LTK12, LCWCO10, RHL12, ZH12, YGCO⁺¹⁴]. **Photoelasticity** [BES15]. **Photograph** [DSY10, RGM⁺¹⁸, XZP⁺¹³, XDR11, ZCC14]. **Photographic** [EWK⁺¹³, SLKL14]. **Photographs** [IIX⁺¹⁹, LP15, YKM12]. **Photography** [ABD10, AVR10, BAAR13, CG16b, EWK⁺¹³, FO12, GTM⁺¹², GLCC18, HKW12, LE13, MP12b, PK10]. **Photometric** [BCGS13, SSB⁺¹⁴, ZLSW17]. **Photon** [CWY11, FSES14, GUS12, GPGSK18, GG14, HCJ13, HGNH17, JRJ11, MGJ⁺¹⁹, SJ13b, SJL15, WG12, YWC⁺¹⁰]. **Photons** [Duc14]. **Photorealistic** [ABG⁺¹², CYY⁺¹¹, JCW11, KBG⁺¹⁵, LMPD15, USSK11, VVC⁺¹¹, WT11, YKM12, SSJ⁺¹⁰, WNS⁺¹⁰, XCDR10]. **Photos** [CSC⁺¹⁸, GKB12, LTK12, MJH⁺¹⁷, SLC⁺¹⁹]. **Photovoltaic** [ABW⁺¹⁵]. **Physical** [ABW⁺¹⁵, BS19, DPD⁺¹⁵, KBHM15, KBB⁺¹⁷, LLC⁺¹², LMK⁺¹⁵, SB19]. **Physically** [AFHdL14, BKY⁺¹⁶, CIPT14, GCGP18, HNJ⁺¹⁴, MWN⁺¹⁷, MSHD15, NBH18a, PdMJ14, SHP⁺¹⁹, TSK14, WKBB18, WW11, WWD15, MDBS14, KK18]. **Physically-Based** [PdMJ14, AFHdL14, CIPT14, GCGP18, HNJ⁺¹⁴, TSK14, KK18]. **Physics** [ARB⁺¹⁸, GP12, HMLP13, LCCC13, WBT19, ZDM⁺¹⁴, dHvPJV14, HNJ⁺¹⁴]. **Physics-Based** [ZDM⁺¹⁴, dHvPJV14, ARB⁺¹⁸, LCCC13, HNJ⁺¹⁴]. **PhysioEx** [KCJM16]. **Physiological** [KCJM16]. **Picking** [RGSK10]. **Pictograms** [LKZ⁺¹⁵]. **Pictorial** [RHL12]. **Picture** [GKB12, USSK11, vdKdJP⁺¹⁹]. **PICTuReVis** [vdCvW17]. **Pie** [SK16b]. **Piece** [PEP^{+11a}]. **Pieces** [SP13, YCXW17]. **Piecewise** [BdM14, CFGL16, GSC18, MMP16, NBHN17, Szy11, SBL12]. **Piecewise-Planar** [BdM14, MMP16]. **Pigmentation** [BW17]. **Pigments** [GCGP18]. **Pile** [SM14a]. **Piling** [BHRD⁺¹⁵]. **pipeline** [LEM⁺¹⁷]. **Pipelines** [SBF15]. **Pix** [BBAM12]. **Pixel** [DFY14, HB19, IGMK⁺¹⁶, JMD15, KCL⁺¹⁸, KLC⁺¹⁵, KYC16, OJS⁺¹¹, TBP18, YIC⁺¹², LGC⁺¹⁹, KLC⁺¹⁵]. **Pixel-Aligned** [KCL⁺¹⁸]. **Pixel-based** [OJS⁺¹¹]. **pixel-level** [LGC⁺¹⁹]. **Pixel-Precise** [TBP18]. **Pixels** [EMA⁺¹³, MS13, PK10, TM13]. **PixelSNE** [KCL⁺¹⁸]. **Placement** [KFR18]. **Plagiarism** [RPSF15]. **Planar** [BPY16, BdM14, CG17, DSL15, HCW17, HBA12, NC16, OLA16, SP13, SBC16, SLL14, SBCBG11b, ZSW10a, vKvLV13, MMP16]. **Planarization** [POG13]. **Plane** [AMAM13, VMTS10, vKvLV11]. **Planets** [CPGG19, DGGK11]. **Planned** [TBW⁺¹¹]. **Planner** [HMP⁺¹²]. **Planning** [AGR19, BSK⁺¹⁷, CY14, HMP⁺¹², HLL⁺¹⁹, KKSS15, LSR17, MP10, SRM⁺¹⁹, SMS⁺¹⁷, WBFvL17]. **Plans** [WKS⁺¹⁴, PGVG19]. **Plant** [YHL⁺¹⁶]. **Plants** [HBDP17, WC16]. **Plaque** [GOH⁺¹⁰]. **Plastic** [ZLKW13]. **Platforms** [BAA⁺¹⁶, JSH⁺¹³]. **Plausible** [CCM16, GVS⁺¹⁵, KTKM19, WW11]. **Plays** [ODS18]. **Plenoptic** [GL10b, WILH11]. **Plot** [BFG⁺¹⁷, MHDG11]. **Plots** [AKMM11, GKL17, GRPF16, KARC15, KZZM12, LAE⁺¹², RSSL17, SMSL17, TWD⁺¹³, WZL⁺¹²]. **Poetry** [ARLC⁺¹³]. **Point** [AP10b, AMT⁺¹², AW13, BSW⁺¹², BTS^{+17a}, BTP13, BM12, BM16,

BJFadH19, BB12b, CCLN10, CG12, CACB18, DKL10, DGQ⁺12, DMSL11, DvKSW12, FHHJ18, GCSA13, GKOM18, HCDC18, JBG19, JK13, KS11, KS12a, KMJE12, KTO11, KJT14, LA13, Lar10, LK19, LCG10, LIK19, LGW18, MEMO14, MW11, MBR⁺13, MC17, MAM14, MSS⁺10, OMMG10, PCBS16, QCW⁺18, RL14, RDK13, RÖG17, RÖPG18, SPB⁺19, SJ19, SYM10, SSG17, SSW14b, SY12b, SHS13, SCQ⁺19, TOZ⁺11, TLH19, WYZC13, WHB⁺13, WXL⁺13, WMB15, WXR⁺16, WXW18, YGJ⁺14, YLX⁺16, ZCBK12, DCV14, Kur15, NGM14]. **Point-and-Swipe** [LCG10]. **Point-Based** [BB12b, KTO11, WMB15, NGM14]. **Point-Cloud** [RDK13, SHS13]. **Point-Folding** [ZCBK12]. **Point-Light-Based** [DKL10]. **Point-Sampled** [AP10b]. **Point-to-Point** [LK19]. **Pointcloud** [MAM14]. **Pointerless** [LMP⁺10]. **Pointillism** [WTLL13]. **PointProNets** [RÖPG18]. **Points** [COO15, CCM16, EMA⁺13, FDL14, GST14, GTG17, HTG14, LS16, MS13, OM13, SSW14b, TM13, WRS⁺13, ZSW⁺10b, vKvLV11]. **Pointsets** [MDD⁺10]. **Pointwise** [RMC17]. **Poisson** [LS10a, EMP⁺12, HLL⁺12, Kaz15, WMRSF15, Yuk15]. **Poisson-Based** [LS10a]. **Poisson-Disk** [EMP⁺12]. **Polar** [CLCL11, MM19, MR12, SYT⁺13]. **Polycube** [CLS16, CAS⁺19, ZLW⁺19, FBL16, GSZ11, YFL19]. **Polycube-based** [CAS⁺19]. **PolyCube-Map** [FBL16]. **PolyCube-Maps** [YFL19]. **Polygon** [DBK11, HKA15]. **Polygonal** [CK10a, CK10b, CG17, KYM19, MCM⁺12, MRD12, MR12, MEKM17, SFFP15, WDZ17, YMM10, YI10]. **Polygons** [HKA15, KP15, RRP15, ZJC13]. **Polyhedra** [HL19, MVPG11]. **Polyhedral** [KFA⁺14, Vax12, Vax14]. **Polyline** [XLS⁺14]. **Polyline-sourced** [XLS⁺14]. **Polymers** [AAS⁺16, RPK⁺12]. **Polynomial** [HHH12, MS13, MRS18, NBHN17, PPL13, XTZ19]. **Polynomials** [DVPSH14, SHD16]. **Polytopes** [AGJ12]. **PolyVector** [DVPSH14]. **Poorly** [VSG⁺13]. **pop** [RLYL14, LJBA13]. **pop-up** [RLYL14]. **Popular** [SLC⁺19]. **populating** [JPCC14]. **Population** [MKMA19]. **Populations** [SCD⁺16]. **PORGY** [PMD12]. **Porosity** [RPK⁺12]. **Portal** [BNJ15]. **Portal-Masked** [BNJ15]. **Portrait** [SHJ⁺16, WWL⁺13, ZCC14]. **Portraits** [BAAR13, CJZW12, LCC⁺18]. **Pose** [DLL⁺10, ESKT15, HFE13, LJJ⁺18, LLD10, NBA19, VF14, vMRBPM17, CH12]. **Pose-oblivious** [DLL⁺10]. **Poser** [vMRBPM17]. **Poses** [KL14]. **Posing** [LWX⁺15]. **Position** [ATO17, BMO⁺14, Cet19, DKWB18, FP15, RF15]. **Position-Based** [ATO17, BMO⁺14, Cet19, RF15, DKWB18]. **Positional** [PRW11]. **Positioning** [ACS⁺17, TAAP⁺16]. **Positive** [KASH13]. **Positive-Definite** [KASH13]. **Possible** [CG16b, CKS⁺15, SBCBG11b, WCX⁺13, YMYK14]. **Post** [AVR10, MRD12, RWS⁺10]. **Post-Capture** [AVR10]. **Post-Interventional** [RWS⁺10]. **Post-Process** [MRD12]. **Power** [ACKM16, DHI⁺15, ZOA⁺18]. **Power-Aware** [ZOA⁺18]. **Practical** [ACKM16, BBGB19, CHK13, CBTB16, GBW16, HKW12, KK18, LE13, LMG⁺18b, LCDW16, MGN17, NSR17, RGSK10, SFL19, TPC⁺10]. **Practice** [CBK⁺17, MTVJ11]. **Pre** [LWLD11, SNRS12, LN17]. **Pre-computed**

[LWLD11]. **Pre-convolved** [SNRS12]. **pre-filtering** [LN17]. **Prealiasing** [VCRG14]. **Precise** [TBP18]. **Precision** [Jac19, KCL⁺18, MRS12]. **Precision-Cut** [Jac19]. **Precomputed** [CRC⁺15, LPK13, SBE16b]. **Precomputing** [HR10]. **Preconditioning** [CBSS17]. **Predict** [BKM⁺19, ČHM⁺13]. **Predicted** [SGYF11]. **Predicting** [FVHK17]. **Prediction** [BPF11, CH11, FKRW16, HJM⁺11, RCMM⁺16, TSdSK13, ZCL18]. **Predictions** [CWGvW19, CD18, KBL19, LMK⁺15, RG19]. **Predictive** [CMF18, HENfSYS16, HBRW⁺12, LGH⁺17, OVB⁺15, SKZ11, SO10, HNJ⁺14]. **Predictors** [VS10]. **Preferences** [KLK17]. **Premixed** [OLF⁺14]. **Preparatory** [ZLDM16]. **Preprocessing** [BHR⁺19]. **Prescribed** [BKB⁺12, GLK16]. **Prescription** [vdCAvW14]. **presence** [TSK14]. **Presentation** [CKE⁺12]. **Presentations** [KLK17]. **Preservation** [LPG10, NO17, NMR⁺18, VRBC17, ZR13]. **Preserve** [JKL18]. **Preserving** [APP10, BHU10a, CWM19, CHWL19, DGP17, DCK13, DGQ⁺12, GSP19, GUK⁺17, HJM⁺11, HTG14, JH12, JLKL16, KMD⁺17, LDB11, SYM10, SLCL19, UFK13, WYZC13, WCT⁺15, WZL⁺17, WSSC11, WPW⁺11, WWH⁺14, YFW12, YSC⁺18, YLL15, ZFCO⁺11, ZYF10, ZWY⁺13, ZFJ⁺16, AVBC18, EKB14, SXLS19, SSGM17]. **Presorting** [EBGM12]. **Pressure** [ATW15, WBAI19]. **Prevents** [SAAB11]. **Preview** [XWY19, LLD12]. **Primal** [IEGT17, UKCB15, WIFD13]. **Primal-Dual** [IEGT17]. **primal/dual** [WIFD13]. **Primary** [ZZ19]. **Primitive** [BLV⁺10, CZY11, LPK13]. **Primitives** [DHP⁺19, GGP⁺15, HWU⁺19, KZB19, SBCBG11a]. **Principal** [CBLW19, HZRS18]. **Print** [VGB⁺14b]. **Printable** [BLS⁺17, ZKWG16]. **Printed** [Jac19, XCDR10]. **printers** [RCM⁺14]. **Printing** [ADMAS18, HL14, KFW19, PPW18, RCM⁺14, RLYL14, WCT⁺15, WZK16]. **prints** [HL14, LEM⁺17]. **Prior** [vKTS⁺11]. **Priority** [KKS⁺17]. **Priors** [RXX⁺17]. **Prism** [SJ13c]. **Prisms** [HHGJ15]. **Privacy** [CWM19, DCK13]. **Privacy-Preserving** [DCK13]. **Proactive** [LCM⁺18]. **ProactiveCrowd** [LCM⁺18]. **Probabilistic** [AGR19, BELD13, BLD14b, DPD⁺17, HJS⁺17, PPH12, PRDD15, PWH11, RLGH15, SMH10, SS15b, Lie17]. **Probably** [KLAB15]. **Probe** [BMS⁺10]. **Probe-Based** [BMS⁺10]. **Probes** [CLG⁺18, MJK17, MS16]. **ProbExplorer** [SMH10]. **Problem** [BMS⁺10]. **Problems** [RS19]. **Procedural** [BŠMM11, BWK14, BKD⁺17, BP13, CPGG19, DGGK11, DBLW15, EPCV15, GMM15, GPMG10, GPGB11, GKHF14, GD10, GDG12, GPG⁺16, HWA⁺10, HSS17, Hua17, IMAW15, KWM15, KKS⁺12, KS18, KPK10, KK11a, KMK12, KBK13, LLC⁺10a, LLD12, LLM⁺17, LSWW11, LSL⁺19, LZB17, NGDA16, NBA18, PDG⁺19, RJT18, STBB14, ŠBM⁺10, SPK⁺14, VKW⁺12, WCGG18, WC16, XM15, YB18, GDGP16, LSN⁺14, DCNP14, JPCC14, LSN⁺14, MVLS14, SKK⁺14b, SKK⁺14a]. **Process** [KK17, MRD12, MJK11, SBD⁺15b]. **Processes** [EWK⁺13, Gda17, OAM⁺18, MSW19]. **Processing**

[AGJ12, ABCCO13, BCD⁺¹³, BPVR11, BS12a, BCK⁺¹², BLK11, BLP⁺¹³, BCGL18, BvTH16, BSEH17, ČHM⁺¹³, CG16a, CK10b, CK11a, CCW12, CG16b, CCTL12, CNKI13, DZD⁺¹⁶, DTV15, DJM12, EMP⁺¹², EWMU13, FLL11, GO15, GCW15, GLGW12, GLLR11, JBG17, JH12, Jes16, JESG12, JWL⁺¹³, Kaz15, Kim15, KKL16a, KBvP⁺¹⁷, LMM10, LCCC13, LWL^{+16b}, LLC13, LLW12, LLSC13, LCHB12, MWS⁺¹⁶, MSS11, MCM⁺¹², MBG⁺¹², MRAS17, NVT⁺¹⁴, Pat16, PSHZ⁺¹⁵, PK15, RTK⁺¹⁴, SY12a, SCM⁺¹⁹, SY12b, SO12, SLHC12, SHJ⁺¹⁶, SBCBG11a, SKWL13, TWS⁺¹¹, TSS⁺¹¹, TBKP12, TPC⁺¹⁰, TBTB12, VB14a, VF14, VCD⁺¹⁶, VBHH13, WZH13, WWL⁺¹³, WLM13, WHL10, WGO⁺¹⁴, XXZC13, XSQ13, XKHK17, XADR13, YFW12, YL11, ZVD10, ZH12, ZCZL13, ZCF⁺¹³, ZFJ⁺¹⁶, LEM⁺¹⁷, YDT⁺¹⁸].

Processor [MH13]. **Product** [HEV⁺¹⁶, LMLF15, NMR⁺¹⁸, RLB⁺¹⁹]. **Production** [CBTB16, ENSB13, USSK11]. **Products** [IFL13]. **Profile** [JKK⁺¹⁸]. **Profiling** [DWT⁺¹¹]. **Prog&Play** [MTVJ11]. **Program** [DI18, YB18]. **Programmable** [HHRZ12, MH13, MGC⁺¹⁶, SBF15].

Programming
[Deb18, GCW15, HG13, MTVJ11, RLG15, SY14b, WSSC11]. **Programs** [RJ18]. **Progressive** [BEF17, BJFadH19, CVDL16, CWY11, CKK18, DKL10, DW13, DG12, GG14, GG15, GRR⁺¹⁶, HBW11, HMB17, JRJ11, JWL⁺¹³, LJBA13, MGJ⁺¹⁹, NNDJ12, PHK⁺¹⁰, WG12]. **Projected** [FL19, MMF10, MFL13, UG18]. **Projection** [Ake11, AASB14, BDF⁺¹⁴, BBIG17, DGP17, DBS⁺¹¹, GL12, GI18, HHGJ15, KSCN19, LT16, LMG^{+18b}, MW11, PEP^{+11a}, RLH^{+17b}, SCCN11, SPT14, TIK17, WYY13].

Projection-Based [BDF⁺¹⁴]. **Projections**
[BDS⁺¹², HCW17, JPN15, LKZ⁺¹⁵, LMLG15, LWT⁺¹⁵, LBJ⁺¹⁶, MFNP13, MFL13, PCX⁺¹⁸, PEP^{+11b}, PEPM12, TLRB18, WG11]. **Projective** [LT16, RRS16, SMSH18, Vax14, XXS⁺¹⁵]. **Projector** [SM10, SM11].

Propagation
[BO19, BHW11, EIKM16, IEK⁺¹⁴, IEKM16, LJH10, MMRO13, VD18].

Properties
[BM16, BJG⁺¹⁵, GKOM18, IGAJG15, JKLS10, SLH⁺¹⁸, VVP⁺¹⁶].

Proportion [CEX⁺¹⁸]. **prose** [OKK13]. **Prostate** [MK11]. **Protein** [ABCJ10, BLY⁺¹¹, BJG⁺¹⁵, HVH⁺¹⁶, KFR⁺¹¹, SAMG14, SLD⁺¹⁷, VHG⁺¹⁸]. **protein-ligand** [VHG⁺¹⁸]. **Prototyping** [RPLH11].

Provenance [BH19, SASF11, SLSG16, DMS14]. **proxies** [BLD14b].

Proximal [HRD⁺¹⁵]. **Proximity** [LBK14, LMA⁺¹⁸, MRS12, TCLK12].

Proximity-Based [LBK14]. **Proxy** [RKR⁺¹⁶]. **Proxy-guided** [RKR⁺¹⁶].

Pruning [NPDD11]. **Pseudo** [DH14]. **Pseudo-Spline** [DH14]. **Psychology** [TX16]. **Publisher** [Ano13h]. **Pulmonary** [KPG⁺¹⁶]. **Purkinje** [ARM⁺¹⁵].

Purpose [HLJ⁺¹³]. **Puzzle** [GTZM10]. **Puzzle-like** [GTZM10]. **Puzzles** [LRB⁺¹⁶, TSW⁺¹⁹, vdKdJP⁺¹⁹]. **Pyramid** [LFYX19]. **Pyramids** [And12].

QEM [YFWR11]. **QR** [LLC13]. **Quad** [BLP⁺¹³, BL18, CK14, PP11, PW13, PPM⁺¹⁶, RRP15, SLE18, ZSW10a, KP19, TPC⁺¹⁰]. **Quad-based** [SLE18].

Quad-Dominant [PP11, PW13, ZSW10a, KP19]. **Quad-Mesh** [BLP⁺13]. **Quadrangulation** [HZN⁺18, MPP⁺13, TPSH14a, WZG⁺19]. **Quadratic** [DCYG19, GCW15, KKBL15, ZLM⁺15]. **Quadratures** [MBB19]. **Quadrics** [LTB19]. **QuadriFlow** [HZN⁺18]. **Quadrilateral** [BLK11, Cam17, MYLZ16, MM19]. **Quads** [HKA15, KP15, RRP15]. **Qualitative** [ARH12, BBL12, CBK⁺17, ER18, NLB⁺13]. **Quality** [AASB19, BBK⁺18, BHU10a, Csé18, DBS⁺18, DW13, EHH⁺13, GHX⁺17, HČA⁺12, JC10, JWC⁺11, Lav11, LLX⁺11, MS11a, MTM12, MSW10, PHE⁺11, REH⁺11, SBE16b, SSO⁺10, SA15, SGYF11, SDK⁺15, TSPP16, TAEE16, ŮFE10, WZK16, ZBW11, BHT19, BAT11, BEM11, KP19, WXL⁺13]. **Quantification** [MMNG17, SMB⁺17]. **Quantifying** [CJWL19]. **Quantitative** [ARH12, AKV15, ER18, RSM⁺16, SLB⁺18, YYL⁺16, KGGP18]. **Quantization** [BM15, FDL14, GMAG15, HFM10, LJBA13, MBJ⁺15, PGSD13]. **Quantized** [BB12b, LJB⁺12, VKJ⁺17]. **Quantizing** [CCC17]. **Quasar** [BAO⁺19]. **Quasi** [GAM17, KBB⁺13]. **quasi-harmonic** [KBB⁺13]. **Quasi-Monte** [GAM17]. **Quasiconformal** [WMZ12]. **Quaternion** [Kim15]. **Quaternions** [McD10]. **Queries** [AEWQ⁺15, LMM10, LPK13, MRS12]. **Query** [MW18a, MHHH15]. **Querying** [LJH13]. **Queuing** [KKS⁺17]. **Quotient** [OMPG13].

Radial [DBS⁺11, GL12, IYS⁺13, MGV11, RSSL17, SMG10]. **Radiance** [SNRS12]. **Radiation** [SRM⁺19]. **Radiofrequency** [RWS⁺10]. **Radiometric** [LP15, LMG⁺18b]. **Radiotherapy** [RCMM⁺16]. **Rain** [CBKK⁺19, LQS⁺19]. **Raman** [SPB⁺17]. **Random** [ERA⁺16, Gov19, SB13, SR14, ZFE16]. **Random-access** [ZFE16]. **randomized** [JCT14]. **Randomly** [LQS⁺19]. **Range** [CKL14, CACB18, GPRS14, MBRHD18, SPB⁺19, SHG⁺16, EMU17]. **Rank** [KHKS12, LZL⁺15, LZFH18, SJF11, ZFJ⁺16]. **Ranking** [AASB19]. **RANSAC** [HDV19, LWL⁺16a]. **Rao** [SKMS18]. **Rapid** [LJBA13, RPLH11]. **Raster** [YFWR11]. **Rasterisation** [LCD10]. **Rasterization** [AMTMH12, DHP⁺19, MS11a, MS13, MTAM12]. **Rasterized** [ND12]. **Rate** [DBS⁺18, OBGB11, SBO18, VB14a, DER⁺10]. **Rate-distortion** [VB14a]. **Rating** [KM16]. **Rational** [KP11]. **Rationale** [SMvdWvW15]. **Rationalization** [ZCBK12]. **Raw** [DMSL11, GCSA13, GKOM18, JBG19, MDD⁺10, WXR⁺16, WXW18]. **Ray** [Áfr12, ÁSK14, BAAM17, BLW11, CRGZ10, CCI13, DKY16, EBR⁺14, FKE13, GL10a, GPP⁺10, GAM17, GHB15, HWU⁺19, HH11, HPMB19, HHH12, IH11, JKL⁺16, JKK⁺18, KBS11a, KBK⁺10, KWN⁺14, KSS⁺15, LK10, MW11, MHA17, MBJ⁺15, MJL⁺13, Muñ14, NM14, NB15, OT11, PBPP11, PGKS17, PJSH15, TSdSK13, UWA⁺19, VF16, VGS⁺19, VHB16, WRK⁺16, XYM13]. **Ray-bundle** [TSdSK13]. **Ray-Cast** [LK10]. **Ray-Casted** [FKE13]. **Ray-Tracing** [HHH12]. **Raycasting** [BES15, Fre18]. **Rays**

[IH11, KPD10, HRRR18]. **Raytracing** [GPP⁺10, LCD10]. **RBF** [KWN⁺14]. **Re** [LWL⁺16b, ZHD18, TAAP⁺16]. **Re-Compositable** [LWL⁺16b]. **re-positioning** [TAAP⁺16]. **Re-Weighting** [ZHD18]. **Reactions** [LPSV14]. **Reactive** [HSH16]. **Readability** [APP10]. **Reading** [CKH19, MRL⁺17, OAJ14]. **Ready** [HBLB17]. **Real** [ATK17, AMT⁺12, BSW10, BPA16, BHW11, BM15, BLW11, BNH10, BN12, CRC⁺15, CCI13, DER⁺10, FZS⁺19, GO10, GMAG15, HML⁺19, HCBW19, HREB11, HR10, HSKK18, IGMK⁺16, ISYM15, IFDN12, JKLS10, JKL13, JSLW14, JZYP18, KMHG13, KSCN19, KMB⁺17, KGK19, KK14, KYM19, LDdLRB16, LMP13, LKEP14, LE13, LCC⁺17, LCP⁺12, LDGN15, LLD10, LJH13, LTR19, MD19, MO10, MRM⁺18, MW11, MBM13, MBJ⁺15, MC10b, MPBM⁺17, NKLN10, NKF⁺16, OT11, PDP⁺15, PBK10, RHL12, SPB⁺19, SWP11, SYM⁺12, SBD15a, SM14b, SGEM16, SDHD17, TST⁺15, Tok15b, VVE⁺10, VWH18, WWH⁺10, WMB15, WRK⁺16, WWH⁺14, XLL⁺10, XWZB17, YHGT10, YCL⁺17, YWY10, ZZT15, ZFE16, ZM16, ZRJ⁺15, HNJ⁺14, RTK⁺14, WJG⁺16, EHH19]. **Real-Time** [AMT⁺12, BSW10, BPA16, BM15, BLW11, GO10, GMAG15, HCBW19, HREB11, HR10, IGMK⁺16, ISYM15, JKL13, JZYP18, KMHG13, KSCN19, KMB⁺17, KK14, LDdLRB16, LMP13, LKEP14, LE13, LCP⁺12, LDGN15, LLD10, MD19, MO10, MW11, MBJ⁺15, MC10b, MPBM⁺17, NKF⁺16, OT11, PBK10, RHL12, SPB⁺19, SWP11, SYM⁺12, SBD15a, SDHD17, TST⁺15, VWH18, WRK⁺16, WWH⁺14, XWZB17, YHGT10, ZZT15, ATK17, BNH10, BN12, CRC⁺15, CCI13, DER⁺10, HSKK18, IFDN12, JSLW14, KGK19, KYM19, LCC⁺17, LJH13, MRM⁺18, NKLN10, SM14b, SGEM16, Tok15b, WWH⁺10, WMB15, XLL⁺10, YCL⁺17, YWY10, ZFE16, ZM16, ZRJ⁺15, HNJ⁺14, RTK⁺14, WJG⁺16, EHH19]. **Real-World** [LTR19, PDP⁺15, FZS⁺19]. **Realism** [BKD⁺17, LCC⁺18]. **Realistic** [ARB⁺18, ACV⁺14, BNH⁺16, BNH10, BN12, DKH⁺14, GMM15, GLHH13, HČA⁺12, JRJ11, KÖS⁺15, LJK⁺12, MGG⁺10a, MMG18, NIDN16, NDD14, SHSK16, SKZ11, WWT⁺16, WW11, XLL⁺10, ZCT18, ZHK15, HD14a]. **Reality** [AJL⁺11, BBCW10, CSaLM13, CKE⁺12, GTB⁺13, KKK18, KAS⁺19, MS10b, MJK11, PTW13, RGSK10, SP13, SYC10, YJD⁺18, KBG⁺15]. **Realtime** [BS19, CPZ⁺15, KBK13, XWB15, YLHQ12]. **Rear** [CSC⁺18]. **Rearrangeable** [YIC⁺12]. **Reasoning** [KNH⁺18, SR19]. **Rebalance** [XLL⁺10]. **Recall** [SSKB15]. **Recognition** [DLGY12, SBG17, SRG16, ZDJ16]. **Recognition-Difficulty-Aware** [ZDJ16]. **Recoloring** [HZMH14, HWL18, KKL16a, NPCB17, WLX19]. **Recolourization** [DRA10]. **Recombination** [JTRS12]. **Recommendation** [WLL⁺17]. **Recommendations** [CLWM11, GOB⁺10, LCSS19, RAMG15]. **Reconstructability** [JWC⁺11]. **Reconstructing** [BSCH18, RK10]. **Reconstruction** [AIAT12, ACV⁺14, BPW14, BEEM15, BTS⁺17a, BLK11, BdM14, CT11, CD10, CCLN10, CWW⁺11, CLCL11, CCC⁺14, CFGL16, DLS10, DGQ⁺12,

DMAL10, DFY14, ECN14, FEM⁺19, GS14, GCSA13, Gro16, GZH⁺19, GLLR11, HTG14, IKL⁺10, IEK⁺14, JJKL18, JSLW14, KBÖ⁺14, LA13, LDGN15, LEE17, LCD10, LTX⁺14, MSS11, MVZ16, MPM⁺14, MC10a, MKU15, MRL10, MWV16, MDD⁺10, MVH⁺14, MMP16, MWA⁺13, NSC14, NJGW15, NDD14, NJC⁺19, OMW16, PM16, PPT⁺19, PSDB⁺10, PGK10, RWW16, RLH⁺18, RI17, SYM10, SKZ13, SSW14b, SXY⁺11, SBCBG11a, STC⁺16, SMG10, TOZ⁺11, WLT12, WYZC13, WXL⁺13, WGS10, WCM15, XSX⁺14, XXY⁺18, YCL⁺17, YHL⁺16, ZFG⁺17, ZZZ⁺19, ZHK15, ZTG⁺18, ZSG⁺18, ZJL⁺15, dGCSAD11, vKvLV13, YGCO⁺14]. **Recording** [WLI⁺12, SBB14]. **Records** [RCB11]. **Recovering** [BCD⁺13, BEKB15, PH17]. **Recovery** [ACKM16, AP10b, DZCC19, RMC17, WGH⁺19, HNJ⁺14]. **Rectangles** [UFK13]. **Rectification** [ACOM12]. **rectilinear** [MAG19]. **Recurrent** [SBL12, TXL⁺19, YYZZ18]. **Recurring** [ZCOAM14]. **Recursive** [GO15, RS19]. **Redirection** [WBM⁺18]. **Reduced** [BNH⁺16, CGH18, FMD⁺19, MKU15, SO12, YWHB18, ATW15]. **Reducing** [GL10b, HF16]. **Reduction** [LS10a, LMG⁺18a, LPG13, MIGMM17, PSPM12, RGG15, RL15, XSE14]. **Reevaluating** [RI17]. **Reference** [BKM⁺19, BPKB14, HCA⁺12, KG19]. **referenced** [vGPNB17]. **refinable** [KP19]. **Refinement** [DRM19, DLS10, DS11b, HMB17, KP18, UKCB15, VK18, ZWRH14]. **Refinery** [KRD⁺15]. **Refining** [IY10, YDP19]. **Refitting** [VKJ⁺17]. **Reflectance** [BB12a, BCRA11, DLD12, FGT⁺16, GPK⁺12, NSRS13, PdMJ14, PR12, RSK12, XDR11, dFH⁺11]. **Reflectances** [OYH18, BSH12]. **Reflection** [EKFM12, MS16, MMRO13]. **Reflections** [LWLD11, XWB15]. **reflective** [DKR⁺14]. **Reflectometry** [LDW⁺10, RPG16]. **Reforming** [YWM15]. **Reformulating** [XHC⁺18]. **Refracted** [YIC⁺12]. **Refraction** [BSW10, CRGZ10, PSP10]. **Refractive** [CRGZ10, DZC11, Hol15, DKR⁺14]. **refresh** [DER⁺10]. **Region** [GSTOG16, GM19, RBC14]. **Regional** [FHHJ18, SSM12]. **Regions** [LKEP14, MM19, MRM⁺18]. **Register** [VH15]. **Registration** [ABCJ10, BCK18, CCTL12, MAM14, PR19, PB11, PD16, SM10, SM11, TST⁺15, TF15, XXY⁺18, YLLL15, YMYK14, ZST⁺10, HDV19]. **Regression** [BRM⁺16b, JL17, PBK10, SMSL17]. **Regression-Based** [JL17]. **Regressors** [DTV15]. **Regular** [AYLM13, CG17, CBLW19, PRS15, WHWB16]. **Regularization** [BdM14, JG19, KD13, OLA16, RPWO19, ZFJ⁺16]. **Regularized** [RMC17]. **Regularizing** [MVZ16]. **Reinforced** [AAS⁺16, RPK⁺12, LZY⁺17]. **Reinsertion** [MB18]. **Reinterpretable** [AVR10]. **Rejection** [DWR10]. **Relating** [HMW⁺15]. **Relations** [ASB⁺17, BSW⁺14, XDC⁺13]. **Relationship** [EASG⁺17, LXF11]. **Relationships** [BHR17, BSW⁺14, CTL13, HRD⁺15, JKL18, KWD14, KGM⁺10, PMD12, VM12, WDM⁺12, YWS⁺14]. **Relativistic** [JMV⁺15]. **Relax** [LBRM18]. **Relaxation** [KKBL15, SJ13b]. **Relevant** [LAE⁺12, PCR11]. **Reliability**

[SBLC17]. **Reliable** [KBT⁺¹², SCQ⁺¹⁹, WLT⁺¹⁷]. **Relief**
 [ABG⁺¹², ABCN10, Gia18, JSLW14, KWC⁺¹², ZWJ⁺¹⁹, ZZWC16]. **Reliefs**
 [ASH15]. **Relightable** [LWS⁺¹³]. **Relighting**
 [IFL13, NKLN10, SPB⁺¹⁹, VSG⁺¹³]. **Remeshing**
 [CCW12, DLY⁺¹⁸, JHT14, PRS15, XYLY19, YGJ⁺¹⁴].
Remeshing-assisted [JHT14]. **Reminiscence** [PZDD19]. **Remote**
 [PHE⁺¹¹]. **Removal**
 [ABC11, FZS⁺¹⁹, GTK⁺¹², HOB⁺¹⁹, KSCN19, MWS⁺¹⁶, Meu19, SSS⁺¹²,
 SCQ⁺¹⁹, TIK17, WLZX19, XSXM13, XXZC13, ZZLX17, vGPNB17].
Removing [BB17, KS13a, WYD⁺¹³, WYKR17]. **Rendered**
 [ČHM⁺¹³, LCSL18]. **Rendering** [AFK⁺¹⁴, ABG⁺¹², AHTAM14, ACV⁺¹⁴,
 BSW10, BEEM15, BSAP11, BPA16, BKM⁺¹⁹, BOB13, BRM^{+16b}, BM15,
 BNH⁺¹⁶, BB17, BLW11, BNH10, BN12, BES15, CNCO15, CRGZ10, CSD11,
 CWW⁺¹¹, CYY⁺¹¹, CCM19, CBTB16, CCI13, CMF18, CNS⁺¹¹, DKH⁺¹⁴,
 DCGG11, DWR10, DMNV12, DER⁺¹⁰, DHP⁺¹⁹, DBLW15, DC10, DFY14,
 EBR⁺¹⁴, ENSD12, ESKD14, ER18, FC10, FV14, FLJ⁺¹⁴, FSES14, GD16,
 GM19, GKB⁺¹¹, GDML13, GKPS12, GMAG15, GHK⁺¹⁰, GPGSK18,
 GRC13, GPRS14, GKT16, GRR⁺¹⁶, HML⁺¹⁹, HD14a, HBRW⁺¹²,
 HDBRC17, HBRD⁺¹⁸, HWK⁺¹⁰, HFE13, HREB11, HGP⁺¹⁹, HR10,
 HHRZ12, HHD⁺¹², IGMK⁺¹⁶, IRWM17, IFDN12, IMDN14, JA18, JEK⁺¹⁹,
 JKL13, JCW11, JSYR14, JKK⁺¹⁸, KS13a, KVS⁺¹⁴, KCH⁺¹⁸, KWN⁺¹⁴,
 KBLE19, KDCM14, KBK13, KUMY10, KKR18, LWDB10, LMP13, LVPI18,
 LE13, LSR17, LMPD15, LBH12a, LLD10, LWBP14]. **Rendering**
 [LA15, LKG⁺¹⁶, LPG13, MEMO14, MW11, MS14, MS16, MBM13, MVZ16,
 MFPA15, MBJ⁺¹⁵, MMF10, MDBS14, MSHD15, MH13, NIDN16, NSG11,
 NDG17, NPCB17, NPW10, NKF⁺¹⁶, OT11, OKG⁺¹⁰, OP10, PHE⁺¹¹,
 PBPP11, PC12, PM19, RHS⁺¹², RGB⁺¹⁴, RKRD12, RRS12, RKR⁺¹⁶,
 RLH17a, RSD⁺¹², RPLH11, RGG⁺¹⁴, RBDD18, RMZ13, SHSK16, SBE16a,
 SYM⁺¹², SBF15, SGM⁺¹¹, SKZ11, SRK13, SDS⁺¹⁶, SHZD17, SHP⁺¹⁹,
 SÖA⁺¹⁹, ŠPBV10, SKSS14, SGG15, SGEM16, SSJ⁺¹⁰, TDDD18, TW10,
 TSdSK13, Tok15b, USSK11, VCRG14, VCL⁺¹¹, VSG⁺¹³, VWH18, VVC⁺¹¹,
 VGS⁺¹⁹, VBHH13, WWH⁺¹⁰, WK12b, WZKP14, WMB15, WTL15,
 WZL⁺¹⁷, WSR⁺¹⁷, WG12, WNS⁺¹⁰, WWT⁺¹⁶, WND⁺¹⁴, WT11, WDR11,
 WYKR17, XZP⁺¹³, XSE14, XWB15, XCDR10, YZXW12, YSM19, YDF⁺¹⁰,
 YKM12, YMS10, YWY10, YIC⁺¹¹, ZFE16, ZOA⁺¹⁸, ZRJ⁺¹⁵, ZJL⁺¹⁵,
 CBV⁺¹⁴, GGM12, KBG⁺¹⁵, SD10b, SKK^{+14b}, WZC⁺¹¹]. **rendering**
 [WJG⁺¹⁶]. **Renderings** [BRM^{+16b}, VAN⁺¹⁹]. **Reordering** [BBR⁺¹⁶]. **rep**
 [CBV⁺¹⁴]. **Repairing** [HHCJ18]. **Repeated** [HZZ11]. **Repertory** [KW18].
Repetition [ACOM12]. **Repetitions** [RBDD18]. **Repetitive**
 [RÖM⁺¹⁵, dGWB⁺¹⁴]. **Rephotography** [LLC11]. **Replaceable** [LVW⁺¹⁵].
Replacement [HCBW19]. **Reply** [EASKC18]. **Reply-Chains** [EASKC18].
Report [ASW14, Ano13i, Ano16l, BBT11, BCD⁺¹², MNP⁺¹⁷, MKRE16,
 SRM⁺¹⁹, TDS⁺¹⁶, Ano10c, Ano11e]. **Reporting** [MHK^{+19b}]. **Reports**
 [Ano10a, Ano10b, Ano10d, Ano10c, Ano11c, Ano11d, Ano11e, Ano12d,

Ano12e, Ano12f, Ano13f, Ano13g, Ano13h, Ano13i, AJL⁺¹¹, BCRA12, CSLG10, DS11a, DFIM15, GGG^{+16a}, ID10, IC11, KRP⁺¹⁵, KBG⁺¹⁵, Kuh12, LSF⁺¹¹, LF11, Pat16, PGGM10, PS10, SJ13c, TDS⁺¹⁶, TAEE15, VCD⁺¹⁶, WWS⁺¹⁵, WBP11, ZJL⁺¹⁵, Ano12f]. **Repositioning** [IEH⁺¹⁴]. **Representation** [BBK⁺¹⁹, BÖK11, CDS16, DZCC19, FW17, FACO17, GGG^{+16a}, GLLR11, HVH⁺¹⁶, HO17, JYS19, Jes16, KrJC⁺¹¹, LCSS19, LDB11, LJB⁺¹², LHH⁺¹³, MMNG17, MRL10, MFL13, MRAS17, OLF⁺¹⁴, RLB⁺¹⁹, SARZL10, UKCB15, WHC15, WH17b, WLZT18, XLH⁺¹³, CH12, GGM12, GDGP16, MRM⁺¹⁸, WIFD13]. **Representations** [BFR17, CR16b, HMW⁺¹⁵, HSvK18, SDKG18]. **Representative** [JPN15, MW18b]. **Representatives** [SSS⁺¹²]. **Representing** [FACO17, Lie17, RLH^{+17b}]. **Reproducible** [SLSG16]. **Reproducing** [OYH18]. **Reproduction** [KK18, NSR17]. **RepSnapping** [HZZ11]. **Resampling** [AMR⁺¹⁷, GB10, NB15]. **Rescue** [BSK⁺¹⁷]. **Research** [BSW⁺¹⁴, EHH⁺¹³, Lar10, OJMN⁺¹⁹, SLSG16, vLKS⁺¹¹]. **Researcher** [Bru11, Eis11]. **Residue** [LMA⁺¹⁸]. **Resolution** [AVR10, DBS⁺¹⁸, FGT⁺¹⁶, GBW16, HCDC18, HHNĀ19, KCL⁺¹⁸, LBG16, LeYO⁺¹⁰, NDG17, NB12, SJB⁺¹⁷, SKTM11, TTN⁺¹³, ZLZ⁺¹⁸, ZBW11, ACA18, DTV15, KKK18, LCC⁺¹⁷, VF14, WGK⁺¹⁹, ZLYL17]. **Resolution-Independent** [NDG17, NB12]. **Resolved** [JMV⁺¹⁵]. **Resonant** [LFK⁺¹³]. **Resource** [DDH⁺¹⁸]. **Respect** [BKM⁺¹⁹]. **Response** [DW13, RCMM⁺¹⁶]. **Responsive** [XLL⁺¹⁰, YL10]. **restoration** [PSP⁺¹⁴]. **Restricted** [NL13]. **Restricting** [SNA17]. **Restructuring** [WTMT18]. **Results** [MW18a]. **Retailoring** [CR16b]. **Retargeting** [AMYB17, ARB⁺¹⁸, BB12a, BMS⁺¹², CYC15, GTK⁺¹², HCSC16, JKL18, LLX⁺¹¹, PWS12, RKGS18, RSD⁺¹², WBSH⁺¹³]. **Rethinking** [YLT19]. **Retouching** [IRWM17]. **Retracted** [KL19]. **Retrieval** [CYI⁺¹², DS11a, GKHF14, LSF⁺¹¹, LDGN15, LS15, PS10, SXY⁺¹¹, SJF11, TCLK12, WLL⁺¹⁷, ZCK17, BCGS13]. **Reusable** [MP10]. **Reverse** [DMS14, PH17, TTB12]. **Reverse-Engineering** [PH17]. **Review** [AKS⁺¹⁹, BH19, CGM19, CY11, CHWL19, EHH19, FPC⁺¹⁶, FHE19, FW17, GGP⁺¹⁹, GP12, HH11, HAGO19, JL19, LLLY19, LTR19, RPA⁺¹⁵, WMXC19, EMU17]. **Reviewers** [Ano10d, Ano11f, Ano12g, Ano13j, Ano14d, Ano15j, Ano16m, Ano17k]. **Reviews** [WHS⁺¹⁸]. **Revisited** [BBCW10, BFG⁺¹⁷, KKF⁺¹⁷]. **Rewriting** [MH13, PMD12]. **Reyes** [LPD14]. **Reyes-Style** [LPD14]. **RGB** [BIZ18, CJXH17, KLTZ16, MD19, ZSG⁺¹⁸]. **RGB-D** [BIZ18, KLTZ16, ZSG⁺¹⁸]. **RGBD** [LEE17, LTX⁺¹⁴, WCM15, YCL⁺¹⁷]. **RGBZ** [RSD⁺¹²]. **Rib** [LZY⁺¹⁷]. **Rib-reinforced** [LZY⁺¹⁷]. **Ribbon** [HVH⁺¹⁶, SHCB15]. **Rich** [JBMC10, SHD15]. **Rich-VPLs** [SHD15]. **Rig** [SBC⁺¹⁷]. **Rigging** [BCB⁺¹⁵, BBGB19, BTST12, LCY⁺¹⁹]. **Rigging-Skinning** [LCY⁺¹⁹]. **Right** [AKMM11]. **Rigid** [Aan18, BET14, JKJL18, KLAB15, LRB⁺¹⁶, MS11b, NL18, OHG11, PKS10, TMRL14, TF15, WCX⁺¹³, ZYF13, BPVR11, YLLL15, ZST⁺¹⁰, XXY⁺¹⁸].

Rigs [KBB⁺17]. **River** [DGGK11]. **Rivers** [BKW13]. **Riverscapes** [PDG⁺19]. **Road** [BWK14, GPGB11, NDD14, vDHO16]. **Roads** [GPMG10, IMAW15, LBA10, NJGW15, NGDA16]. **Roadside** [ACV⁺14]. **Robot** [LMPD15]. **Robotics** [RPA⁺15]. **Robust** [ARB⁺18, BEEM15, BPVR11, BM12, BM16, CK10b, CFS14, HDL11, HL13, HZN⁺18, JWH19a, JG19, JMD15, KD13, KG19, KO19, KPG⁺16, KJT14, LK13, LWL⁺16b, LGZ⁺16, MYGY19, MJL⁺13, MDD⁺10, PWS12, RBC14, RMZ13, SXY⁺11, SJ13b, TST⁺15, Tak19, TE18, VSG⁺13, VVP⁺16, WTTM15, ZWC⁺10, ZYF13, ZNZ19, ZRJ⁺15, ZVE⁺14, dGCSAD11, LCLJ10]. **Robustness** [WRS⁺13, dSNV⁺17]. **Rods** [DKWB18, Jac19, SMSH18]. **RodSteward** [Jac19]. **ROF** [WZCF15]. **Roles** [CKE⁺12]. **Rolled** [SSS⁺12]. **Rolled-out** [SSS⁺12]. **Rolling** [SCQ⁺19]. **Rolling-guided** [SCQ⁺19]. **Rom** [Csé18]. **room** [MMP16, PGVG19]. **Rotational** [MGG10b, SFL⁺16, AFHdL14]. **Rough** [CMF18]. **Route** [WTLY12, ZSJT19]. **Route-Aware** [ZSJT19]. **Routine** [ZVE⁺14]. **Routing** [LBA10]. **RPCA** [MC17]. **RT** [MBJ⁺15, RCMA⁺18]. **RT-Induced** [RCMA⁺18]. **RTSAH** [IH11]. **Rubber** [STBG12]. **Rule** [ARLC⁺13, CNCO15, LLM⁺17]. **Rule-based** [ARLC⁺13, LLM⁺17]. **Rule-Enhanced** [CNCO15]. **Rules** [GLCC18, PFC15]. **Run** [FL19]. **Runner** [RCMA⁺18]. **Runtime** [XWY⁺15, YWHB18].

SAFE [DCNP14]. **SafeGI** [OP10]. **Safety** [SMvdWvW15]. **SAH** [BM15, GD16]. **Sale** [KMJE12]. **Saliency** [JC10]. **Saliency-based** [JC10]. **Saliency** [JKK⁺18, WCT⁺15, YCL⁺17]. **Saliency-aware** [YCL⁺17]. **Saliency-Driven** [JKK⁺18]. **Saliency-Preserving** [WCT⁺15]. **Salient** [BPVR11, hKTL⁺17, LKEP14]. **Sample** [BEJM15, CKK18, GCY⁺14, JKL13, KKR18, MBB19, SÖA⁺19, Yuk15, ZZ19, ZHD18, SHSK16]. **Sample-Based** [BEJM15, GCY⁺14]. **Sampled** [AP10b, AAS17, GO15, VSG⁺13, DCV14]. **Samples** [CTL13, OMW16, OW19, RSK12, SJ19, ZHD18]. **Sampling** [BMDS19, BBH13, BHW11, BELD13, BD16, BNJ15, BJFadH19, CWW⁺11, CWY11, CG12, Csé18, DLS10, EMP⁺12, EJFadH13, FV14, Gam16, GO10, Gov19, Hd14b, HEV⁺16, HJS⁺17, IGAJG15, JEK⁺19, KS11, KS12a, KF12, KKR18, LK11, LYG15, LXY19, LPG13, MHK⁺19a, MHD16, MKU15, MFL13, NPCB17, OXKP12, PBE18, RRS16, RÖG17, SHSK16, SMJ17, SGEM16, SNJ⁺14, SKTM11, TBW⁺11, UFK13, UG18, VF16, WZL⁺17, WWT⁺16, WND⁺14, WAF⁺11, YZL17, YIC⁺11, Yuk15, ZJL⁺15]. **Sampling-Based** [YZL17, LYG15]. **Sanity** [LA11]. **SAR** [SRG16]. **Satellite** [ZLYL17]. **Satisfaction** [MC19]. **SATO** [NM14]. **Scaffold** [JE13]. **Scalability** [MS11a, PHE⁺11, ZBW11]. **Scalable** [BMH⁺12, DKH⁺14, FP15, HHRZ12, HZN⁺18, KBWS13, KMD⁺17, KBLE19, LDdLRB16, PKS10, PHE⁺11, SM10, SR19, SPD14, SO10, TW10, UWA⁺19, VGS⁺19, WDM⁺12, WBSH⁺13, ZCZL13]. **Scalar** [GST14, HW10, HLH⁺16a, HHC⁺13, LS16, LWS18, LKG⁺16, PRW11, PW12,

SSW14a, SW17, WGS10, MAG19]. **Scalar-Valued** [HW10]. **Scale** [ADMAS18, ABCN10, BHP15, CIE⁺16, CBC⁺16, DMSL11, DSH⁺17, DWT⁺11, GLCC17, GLK16, HSBW13, JLKL16, KS18, KHI⁺19, LS10b, LSS⁺12, LCB⁺18, LBH12a, MGB⁺12, MDI⁺18, MHDG11, SY12a, SM11, SPH11, SR14, SXLS19, TLW⁺19, TBP18, WWL⁺19, WSSC11, WDAH10, WAF⁺11, XSXM13, ZC18, CD10, DJM12, GDAU14, GDG12, LN17, MJBC13, MPM⁺14, NGM14, PTA⁺11, SMM13, TXL⁺19, YLHQ14, ZBQC13]. **Scale-adaptive** [SXLS19]. **Scale-aware** [JLKL16]. **Scale-Invariant** [CIE⁺16, ZBQC13]. **Scale-like** [LS10b]. **Scale-Space** [MGB⁺12]. **Scale-Stack** [HSBW13]. **Scales** [LS10b, LMSF19, ZAM⁺16]. **Scaling** [ACS⁺17, LHNS18, MKR11, SSDK12]. **Scan** [DMAL10]. **Scanned** [BL18]. **Scanners** [MDBS14]. **Scanning** [KMHG13]. **Scans** [CACB18, SJWS13, MPM⁺14]. **Scatter** [KARC15, SMSL17]. **Scattering** [BSW10, BNH⁺16, CRGZ10, CCM19, DBK11, HCJ13, Hol15, JZJ⁺15, KPS⁺14, MESH11, OXKP12, PSP10, SDS⁺16, SKMS18, WHD17]. **Scatterplot** [CSG⁺18, LCSS19, LAE⁺12]. **Scatterplots** [AASB19, FH18, HBW11, KZZM12, RB10, SBLC17, SGG16]. **Scene** [ACS⁺17, BSK16, CSC⁺18, CGS16, GG15, HZZ11, KLTZ16, KBLE19, LTX⁺14, LMLF15, SLC⁺19, VBHH13, WKM15, XZP⁺13, ZZZ⁺19]. **Scene-View** [KBLE19]. **Sceneries** [MGG⁺10a]. **Scenes** [ASH15, BHMT13, DKB⁺16, EPCV15, ENSD12, GS14, GTK⁺12, GPG⁺16, HCSC16, IFDN12, JVS⁺12, KBWS13, LMLF15, MGY⁺18, MC10b, NPDD11, NSRS13, PSC10, RKRD12, REH⁺11, SHL⁺14, TSdSK13, WXL⁺13, WG12, YWC⁺10, ZCW⁺15, ZLYL17, ZBW11, vKvLV13, GGG⁺16b, KBG⁺15, JL19]. **Scheduling** [KKS⁺17]. **Scheimpflug** [HHNČ19]. **Scheme** [DRA10, LKSD17, LCY⁺19, MHD16, WTMT18, WHT12, AVBC18]. **Schemes** [MM19, QPCRM19, RL15, MM18]. **Scholarship** [CWG11]. **Science** [FEM⁺19, HS17, LSS⁺12, PPBT12, RPK⁺12]. **Sciences** [ABW⁺15, DPD⁺15, KBHM15, LLC⁺12, LMK⁺15]. **Scientific** [KGP⁺12, SASF11, WT17]. **Slow** [GKL17]. **Scope** [BJB⁺18]. **Scratch** [WPP13]. **Scratched** [VWH18]. **Screen** [HB19, KCL⁺18, KGRG17, MSW10, NAM⁺17, UMM⁺10, XWB15]. **Screen-Resolution** [KCL⁺18]. **Screen-Space** [MSW10]. **Scribble** [CLLC15, LLC19]. **Scribbles** [NSS⁺12]. **Sculpting** [PW17, JPCC14, MWCS13]. **Sculpture** [BCRA12]. **Sculptures** [KLC⁺15, ZCX19]. **SD** [SLHC12]. **Seam** [WPW⁺11]. **Seamless** [BNH10, GWO⁺10, LLCZ16, MC19, PBMG15, PJR⁺14, WHLW19]. **Seams** [RNLL10]. **Search** [BSK⁺17, LZ10, SML15, WESW17, YWHB18]. **Searching** [RI17, WCB15]. **Seasonal** [HJM⁺11]. **Seated** [HMP⁺12]. **Second** [GRT19, HL13, KASH13, LPG13, MRL10, ORT18, SK16a]. **Second-Order** [GRT19, KASH13, LPG13, ORT18, SK16a, MRL10]. **Section** [AJA11, DPW11, DS11b, FWPS11, GSZ11, HP11, KP11, Lav11, MVPG11, Mér11, NBCW⁺11, NRP11, OHG11, PB11, Rus11, SY11, SBCBG11b, TOZ⁺11, VP11, WBCGH11, WSSC11, dGCSAD11, vKvLV11]. **Sections**

[KBT⁺12, SLL14, DMNV12, HHCJ18]. **Security** [MSFM16, SMvdWvW15]. **Seeding** [ELM⁺12]. **Seeds** [HB19]. **Seen** [GTK⁺12]. **Segment** [SMJ17]. **Segmentation** [BLVD11, BPVR11, BIZ18, DSWH17, FMH16, HMTH13, HPH10, HFL12, IY10, IYS⁺13, Jac17, JWL⁺13, KWÖG18, KJT14, LT17, LMW⁺19, LWL⁺16b, LCHB12, NW17, NSS⁺12, RBC14, RMG18, SMH10, SHJ⁺16, SHS13, STP17, SFLP18, TWS⁺11, VGB14a, XXLX14, XSX⁺14, YC19, YL11, YLX⁺16, ZWC⁺10, ZT10, ZVE⁺14, DFIM15, VF14, ZZCJ14]. **Segmented** [JJKL18, NW17]. **Segmentifier** [DRM19]. **Segments** [LLW12]. **Seidel** [Cet19]. **Select** [SV10, SLC⁺19]. **Selecting** [LAE⁺12, LFK⁺13, WGK⁺19]. **Selection** [BSY⁺19, BvLBS11, ESRT13, FE17, HREB11, hKTL⁺17, SPSK13, TWC⁺16, ZC18, GTB14]. **Selections** [MGB14]. **Selective** [CAS⁺19, HDBRC17, HBRD⁺18, RKRD12, SS15a]. **Self** [AAB⁺10, ACOHS18, BBAM12, CK10b, CZY11, DCV14, KNL⁺15, QWZ⁺19, SJP⁺13, SWS12, TW10, WLT⁺17, WC14, YLD⁺18, LN18, RRS12]. **Self-Adaptive** [CZY11]. **Self-augmented** [YLD⁺18]. **Self-Collision** [WLT⁺17, WC14]. **Self-Enhancing** [QWZ⁺19]. **Self-Intersecting** [SJP⁺13]. **self-intersection-free** [RRS12]. **Self-Organizing** [AAB⁺10, SWS12]. **Self-Shadowing** [TW10, LN18]. **Self-similarity** [ACOHS18, DCV14]. **Selfie** [LWL⁺16b]. **Semantic** [BDF⁺14, HMW⁺15, HZL19, JJKL18, KWÖG18, PTT⁺12, SML15, WPW⁺11, ZZZ⁺19]. **Semantic-aware** [HZL19]. **Semantic-Preserving** [WPW⁺11]. **Semantically** [JBMC10, JJKL18, LFK⁺13]. **Semantically-Resonant** [LFK⁺13]. **Semantically-Rich** [JBMC10]. **Semantizing** [BHMT13]. **Semi** [ABCJ10, AYLM13, AW13, ER18, GSE⁺14a, KvLB14, KSD14b, LLN⁺14, LCHB12, MKP⁺16, MC14, MEKM17, NBMJ14, PSPM12, PRS15, RLMB⁺14, SD10a, SKZF11]. **Semi-Analytic** [NBMJ14]. **Semi-Automated** [LLN⁺14]. **Semi-Automatic** [GSE⁺14a, KvLB14, MEKM17, MKP⁺16]. **Semi-Implicit** [SKZF11]. **Semi-isometric** [ABCJ10]. **Semi-Lagrangian** [AW13]. **Semi-Regular** [AYLM13, PRS15]. **Semi-sharp** [KSD14b]. **Semi-Stochastic** [SD10a]. **Semi-Supervised** [PSPM12, LCHB12]. **Semi-Transparent** [ER18, MC14, RLMB⁺14]. **Semiautomatic** [ZH14]. **Semidefinite** [HG13]. **Senescence** [KRB11]. **Sensing** [KÓOH13, WBAI19, XSE14]. **Sensitive** [BSAP11, SBS⁺17, GGM12]. **Sensitivity** [BMPM12, DW13, NWHWF16]. **Sensor** [BCN11a, CD18, SBM⁺14, WZ15, CACB18]. **Sensor-aware** [CACB18]. **Sensor-based** [CD18]. **Sensorimotor** [HL18]. **Sentiment** [KPK18]. **Separable** [JZJ⁺15]. **separate** [CH12]. **Separated** [BMB15b]. **Separation** [GOPT11, GT15, STMT12, WLN⁺17]. **Separatrix** [GSW12]. **Sequence** [BHW17, CFB16, CWM19, YLL15]. **Sequences** [AECOK16, CKK18, DH16, GRPF16, HKL17, KR19, KCJM16, LVV18, LKD⁺17, PCDS12, PCX⁺18, SCD⁺16, SWG16, YLX⁺16, CH12]. **Series** [AKMM11, ARH12, BHR⁺19, BBL12, DH16, GRPF16, HJM⁺11, KCJM16, MLD⁺18, SAAF18, SWG16, SBM⁺14, TFA⁺11, WG11, vDvdEvW19, KWS⁺15, LRB⁺15, RL15]. **Serious** [MTVJ11]. **Session**

[AW13, AO13, BCD⁺¹³, ČHM⁺¹³, CTL13, CNKI13, CCI13, EWMU13, FWX⁺¹³, GDML13, GRC13, HSmCY13, JCK⁺¹³, JK13, JWL⁺¹³, KMHG13, LCCC13, LJBA13, LLC13, LPG13, LLSC13, MH13, RMZ13, SRK13, SYT⁺¹³, SHS13, SKWL13, TTN⁺¹³, TSdSK13, WZH13, WCX⁺¹³, WWL⁺¹³, WLM13, XWG⁺¹³, XXZC13, XZP⁺¹³, XSQ13, XADR13, YH13, ZYF13, ZCZL13, ZLKW13, ZCF⁺¹³, ZWY⁺¹³, ZIM13]. **Set** [AMA⁺¹⁶, DvKSW12, HCDC18, JK13, Kim15, KTW⁺¹³, LA13, LZW⁺¹³, LDY10, MWTI19, SDKG18, TSB16, XDC⁺¹³, WLS13, vKvLV11]. **Set-based** [KTW⁺¹³]. **SetCoLa** [HBH18]. **Sets** [BDF⁺¹⁴, BSW⁺¹⁴, BM12, BTB13, CG12, DGQ⁺¹², DMSL11, GCSA13, KS11, KS12a, KWS16, MBR⁺¹³, NSM19, RGM⁺¹⁸, RL16, SBG17, SvW13, SEG⁺¹⁴, Yuk15, GRT14]. **Setup** [ARG⁺¹⁶]. **Seurat** [WTLL13]. **SfM** [WKM15]. **shade.js** [SKSS14]. **Shaded** [Jes16]. **Shader** [CTHAM10, MRD12, RPLH11, YB18, YWHB18]. **Shaders** [DBLW15]. **Shading** [ABG⁺¹², BBDA10, DZCC19, ENSB13, FC10, GRDE10, HSS19, KB12, LTKD15, NAM⁺¹⁷, SBF15, ŠPBV10, TH17, WJB⁺¹³, ZM16, AHTAM14]. **Shading-based** [DZCC19]. **Shadow** [AHMAM15, BBH13, BKB⁺¹², DVP19, FWX⁺¹³, GMAG15, KSCN19, LSMD15, MWS⁺¹⁶, MSWI12, MIW13, NM14, OPP10, REH⁺¹¹, SVLL10, SBE16a, SWP11, SDMS15, SGYF11, SFY13, TIK17, WLZX19, XLH⁺¹³, XSSM13, XXZC13, YDF⁺¹⁰, ZZLX17, BBAM12]. **Shadowing** [BKB⁺¹², BBAM12, HBA12, TW10, YIC⁺¹², ZCBK12, LN18]. **Shadows** [BBH13, BNJ15, KPD10, LSMD15, MAAG12, NKLN10, NPW10, OPP10, SVLL10, SBE16b, SDMS15, SFY13, SARZL10, Tim13, WZKP14, YHGT10]. **Shah** [BCGL18]. **Shake** [WYD⁺¹³]. **Shallow** [PHTB12]. **Shape** [AWO⁺¹⁰, AYLM13, AGCO13, ATCO⁺¹⁰, AKZM14, AKM16, ADG19, BLP10, BSK⁺¹³, BDC18, BWM⁺¹¹, BD12, BCGS13, BCBB16, BMM⁺¹⁵, BEKB15, BDS⁺¹², BHMT13, BvTH16, BBP10, COO15, CRA⁺¹⁷, DDÖ⁺¹⁷, DBD⁺¹³, DMS14, EDPB15, ELC19, ESKBC17, EBC17, FHE19, FSTR13, FCS⁺¹⁶, GSDG18, GLHH13, GCLX17, GL12, GCSA13, GAWJ15, GKOM18, HCW17, HBA12, HPH10, HFL12, HSvK18, HG13, HKM15, HO17, HCO18, HAGO19, JWS12, JTRS12, KWS16, KP18, KTKM19, KSO10, KKSS15, Kim15, KFLCO13, KO19, KBB⁺¹³, KNH⁺¹⁸, KRS⁺¹³, KSKL13, LA13, LT17, LGH13, LMP13, LKEP14, LJK⁺¹², LJL⁺¹⁸, LRBB17, LPG10, LVW⁺¹⁵, LGZ⁺¹⁶, LJC17, LCHB12, MCH13, MGG10b, MBG⁺¹², MSAP15, MGB⁺¹², MRCB18, MBT⁺¹², MWCS13, MEKM17, NSC14, NBCW⁺¹¹, NNRS15, NC16, NO17, OLA16, OM13, OHG11, OMPG13, PB11, Pat16, PPT⁺¹⁹, PBB⁺¹³]. **Shape** [PSO18, RLGH15, RBRY19, RÖM⁺¹⁵, RKN10, SY11, SY12a, SY13, SY14a, SY14b, SXY⁺¹¹, SBC14, SGB13, ŠBM⁺¹⁰, SJW⁺¹¹, SJWS13, TBW⁺¹¹, TBTB12, WXL⁺¹¹, WK12a, WLL⁺¹⁷, WG11, WMZ12, WSSC11, WDAH10, WYY13, WZCF15, XXLX14, XXS⁺¹⁵, XSX⁺¹⁴, XM15, XKHK17, XCDR10, YFW12, YL11, YLH⁺¹⁴, ZWC⁺¹⁰, ZDZ⁺¹⁵, ZLW⁺¹⁹, ZST⁺¹⁰, ZT10, ZFCO⁺¹¹, ZCOM13, ZCOAM14, ZHH⁺¹⁵, ZXTD10, ZLW15, vKTS⁺¹¹, vKZHCO11, CH12, DFIM15, GFK⁺¹⁹, LBBC14, NW17,

ZKWG16, vKvLV11, LGZ⁺16]. **Shape-appearance** [NNRS15].
Shape-Aware [JWS12, LGH13]. **Shape-from-Operator** [BEKB15].
Shape-Up [BDS⁺12]. **Shaped** [KS12b, NS11]. **ShapeGenetics** [HSS17].
Shapes [ARB⁺18, Att15, BPVR11, BS12b, BEKB15, CJFH14, COO15, CD10, EBC17, GSTOG16, HCGW14, HMW⁺15, HFL12, HAGO19, JLW10, KLMK19, KFLCO13, LCSL18, LK19, LZW⁺13, LGK16, LMHH14, LMPS16, MCH13, OBCCG13, RXX⁺17, RBC14, SY14b, SGS14, STC⁺16, SCF10, SDKG18, TTB12, WWH⁺10, XXS⁺15, YFW12, YWM15, YLLL15, ZHH⁺15, ZZCJ14, dGCSAD11, BMM⁺15, KP11, MWCS13, TWMSK18]. **ShapeSynth** [AKZM14]. **Shaping** [BDS⁺12, MRL⁺17]. **Shared** [GO10, HMW⁺15, Ros13].
Sharing [CCC⁺14]. **Sharp** [AMS16, BW13, BM12, CJXH17, KSD14b].
Sharpening [TM13]. **Sheet** [Tak19]. **Shell** [LZY⁺17, ZLW⁺16, ZXZ⁺17, YCXW17]. **Shells** [AWO⁺14, DH14, FB11, HRWW12, HRS⁺14, HRS⁺16, HZRS18, KSD14b, PTP⁺15, UMK19]. **shift** [XL10]. **Shifted** [BSH12]. **Shifting** [ST18]. **Shiny** [BCRA12]. **Shock** [PK15].
Shortest [BLP10]. **Shot** [KBHM15, CKL14, MSZ⁺18]. **Shoulder** [HPH10].
Shutter [CKL14]. **ShutterApp** [SBE19a]. **SI** [WDM⁺12]. **Sickness** [HL18].
Sided [SS15a, TPSH14a, VSK16]. **Sifted** [EMA⁺13]. **SIGGRAPH** [CSLG10, LSF⁺11, PS10, DS11a, ID10, IC11]. **sight** [AGCO13]. **Sightlines** [BAO⁺19]. **signal** [SD10b]. **Signals** [GO15, CH12]. **Signature** [DLL⁺10].
Signatures [COO15]. **Signed** [CT11, CSŠ18, MRL10, SFFP15].
Significance [BRDC12]. **Signing** [MDD⁺10]. **Signposts** [MSDK12].
Silhouette [CSD11]. **Silhouette-Aware** [CSD11]. **Silhouettes** [NBMJ14, STC⁺16]. **Similar** [CG16b, WLL⁺17]. **Similarities** [HCDC18, SBM⁺14]. **Similarity** [ARRO⁺17, BCBB16, BM10, CG16c, FL19, GAWJ15, GLGW12, GTB14, PB11, PR12, SW17, TWC⁺16, ACOHS18, DCV14]. **Similarity-based** [GTB14]. **SimilarityExplorer** [PDW⁺14]. **Simple** [EMP⁺12, KZB19, PM16, Ren16, VSK16, LCLJ10]. **SimpleFlow** [TBKP12].
Simpler [NB12]. **Simplex** [MRS18, WD11]. **Simplicial** [LS16, MS10b, RL14, YS19]. **Simplification** [CLS16, CHWL19, CP10, DC10, JWH19a, KWS16, KRM⁺15, MG10, RGG15, SSSL14, YWHB18, dGCSAD11, TPC⁺10]. **Simplified** [TE10]. **Simplifying** [MMG10]. **SimSelect** [GTB14]. **Simulated** [BAAR13, EWK⁺13, GP12, LE13]. **Simulating** [MRD12, RKN10, ZCT18].
Simulation [AO13, BSK16, BS19, BET14, BMO⁺14, Cet19, CC14, CZY11, CKHL11, DCGG11, EWK⁺13, FAW⁺16, FM15, FMD⁺19, FHW⁺11, GBW16, HBLB17, HL18, HLL⁺19, HJS⁺17, IUDN10, JPK13, JL18, KPNS10, KRB11, KS18, KBB⁺17, LeYO⁺10, LWPL15, LMG⁺18a, LL18, LCY⁺19, LCM⁺18, MR17, MGG⁺10a, MKMA19, MMG18, MBT⁺12, MSGT18, MGN17, MPBM⁺17, MESH11, NGHJ18, OLF⁺14, PPG⁺19, PBK10, RHLH18, RKN12, SCN⁺16, SJ13a, SWML10, SHCB15, SKK10, SM14b, STBG12, SKWL13, SDHL11, TTN⁺13, TWT⁺16, WJDZ14, WWF⁺18, WMRSF15, WHT12, WHP⁺11,

WLZ13, WAF⁺¹¹, WYY13, WWD15, WCH⁺¹⁵, XZP⁺¹³, YLHQ14,
 YMJ⁺¹⁷, YBK⁺¹², YWTY12, YPL19, ZTW⁺¹², ZLM⁺¹⁵, ZLYL17, ZZ17,
 ZLKW13, ZYF10, dHvPJV14, BHT19, DMCN⁺¹⁷, LJK⁺¹², YLCH18].
Simulation-Ready [HBLB17]. **Simulations**
 [ATW15, BTM⁺¹⁹, CFS14, CBKK⁺¹⁹, FKE13, FAW⁺¹⁶, JKJL18, KAT⁺¹⁹,
 RGG15, SWT⁺¹⁸, SHQL18, WTYH18, WGO⁺¹⁴]. **Simulator**
 [KTN10, SSB13]. **Simultaneous** [ESKT15, ZBW11]. **Single**
 [ARM⁺¹⁵, BCN11a, CKL14, DDÖ⁺¹⁷, DSY10, EHT18, EIKM16, ECN14,
 HFM16, HPvU⁺¹⁶, Hol15, IEH⁺¹⁴, IEK⁺¹⁴, IEKM16, IRWM17, KTKM19,
 KrJC⁺¹¹, LVV18, LQS⁺¹⁹, LSZ⁺¹⁸, LCD10, LMGH⁺¹³, MWS⁺¹⁶, MES⁺¹¹,
 NBA18, OAO11, PSP10, SM11, SPT14, YXHH18, YLD⁺¹⁸, YLH⁺¹⁴,
 ZCW⁺¹⁵, ZCF⁺¹³, YGCO⁺¹⁴, HRRR18]. **Single-Cell** [HPvU⁺¹⁶].
Single-Image [LVV18, HRRR18]. **Single-Pass** [LCD10]. **Single-shot**
 [CKL14]. **Single-View** [KTKM19]. **Singles** [vdEvW13]. **Singular**
 [DGQ⁺¹², KSBC12]. **Sit** [LBRM18]. **Site** [LPG19]. **Situ**
 [BAA⁺¹⁶, SEI10, AAS⁺¹⁶, WAF⁺¹¹]. **Size**
 [KGR⁺¹⁶, MW18b, She12, YYZZ18]. **Sizes** [XGDC17]. **Skating** [YPL19].
Skeletal [LLSC13]. **Skeletex** [MRM⁺¹⁸]. **Skeleton**
 [KMS⁺¹³, KFA⁺¹⁴, LW18, LMPS16, MRM⁺¹⁸, MVPG11, NB15, TE18,
 WMXC19, ZST⁺¹⁰, ZHH⁺¹⁵, Kur15]. **Skeleton-based** [KMS⁺¹³].
Skeleton-Driven [KFA⁺¹⁴, LMPS16]. **Skeleton-guided** [WMXC19].
Skeleton-Intrinsic [ZHH⁺¹⁵]. **Skeleton-texture** [MRM⁺¹⁸]. **Skeletons**
 [LW17, TAOZ12, TDS⁺¹⁶, TBTB12]. **Sketch**
 [FCS⁺¹⁶, HMTH13, LCC⁺¹⁸, LG13, LWX⁺¹⁵, NSS⁺¹², SXY⁺¹¹, SAG⁺¹³,
 TCGK15, WLL⁺¹⁷, YXHH18, ZLDM16, CSLG10, XXM⁺¹³]. **Sketch-Based**
 [HMTH13, SAG⁺¹³, WLL⁺¹⁷, LWX⁺¹⁵, SXY⁺¹¹, CSLG10].
Sketch-Driven [TCGK15]. **Sketch-to-Design** [XXM⁺¹³]. **Sketches**
 [ADN⁺¹⁷, BSCH18, GLX⁺¹⁶, ZLDM16]. **Sketching**
 [BLP10, KNH⁺¹⁸, LG13, SLE17, Sch13, SAG⁺¹³, WHC15]. **SketchSoup**
 [ADN⁺¹⁷]. **Sketchy** [KÖS⁺¹⁵]. **Skies** [HCBW19]. **Skiing** [HLL⁺¹⁹]. **Skill**
 [HGB⁺¹⁰, HLL⁺¹⁹]. **Skill-Guided** [HLL⁺¹⁹]. **Skilled** [FvdP15]. **Skills**
 [GCY⁺¹⁴]. **Skin** [BW17, IGAJG15]. **Skinned** [JKL18, TPSH14b]. **Skinning**
 [KSO10, LCY⁺¹⁹, RF15, TE18]. **Skins** [IGAJG15, MMG10, MKU15, Yuk15].
Skip [ZLZ⁺¹⁸]. **Sky** [GPRS14, HCBW19]. **Sleep** [CWGvW19]. **Slice**
 [WLZX19, ZH14, SV10]. **Slice-guided** [ZH14]. **Sliceplorer** [TWSM17].
Slices [HBA12, TWSM17]. **Slicing** [WCT⁺¹⁵]. **Sliding** [HBA12]. **Slopes**
 [RBMS17]. **SMAA** [JESG12]. **Smale** [SN12]. **Small** [BHRD⁺¹⁵, BBL12,
 DHS⁺¹³, LHNS18, PGGM10, SJ13a, UMM⁺¹⁰, vdEvW13, BRM^{+16a}].
Small-Multiples [BBL12]. **Smallest** [LK13]. **SmallWorlds** [GOB⁺¹⁰].
Smart [MAM14, NSS⁺¹², ZCOM13, ZLDM16]. **SmartAnnotator**
 [WCM15]. **Smartphone** [ECN14]. **Smoke**
 [AO13, BXH10, KPNS10, NC10, PSCN10, SKK10, WYY13]. **Smooth**
 [AECOK16, CT11, JWS12, Jes16, MSWI12, SLWSS15, CFGL16, SBD^{+15b}].
Smooth-Shaded [Jes16]. **Smoothed** [HENfSYS16, HA19]. **Smoothing**

[FWSH19, LTB19, LWS⁺¹⁶, MLK⁺¹³, WTL15, WGS10, YB18, ZFJ⁺¹⁶].
Snakes [BSK⁺¹³]. **Snapping** [SAG⁺¹³, ZWC⁺¹⁰]. **Snapshots** [MGB14].
SNE [KRM⁺¹⁷]. **Snooker** [HGB⁺¹⁰]. **Snow** [CEG⁺¹⁸, vFG11].
Snow-Covered [CEG⁺¹⁸]. **Soccer** [SAMS⁺¹⁷]. **Social**
[BCD⁺¹⁰, CLY17, GOB⁺¹⁰, HRD⁺¹⁵, JGH11, KvLB14, KHI⁺¹⁹, RTJ⁺¹¹,
RPA⁺¹⁵, TX16, WDM⁺¹², OKK13]. **Soft**
[HK16, KKB16, KARC17, LSMD15, MP12b, MMO16, MAAG12, RF15,
SDMS15, SGYF11, SFY13, SNB⁺¹², SGB13, XLH⁺¹³, YDF⁺¹⁰, ZIM13].
Software [AHR13]. **Solar** [ABW⁺¹⁵, MPBM⁺¹⁷]. **Solid**
[AMS16, Gam16, SCM⁺¹⁹, SZMTW15, TL16, TL19, WW11, WC14]. **Solids**
[BHU10b, CZZ⁺¹⁸, PGBT18, ZLKW13, YLCH18]. **Solution**
[ATO17, GUS12, MSGT18, PSP10, RS19]. **Solve** [WBS⁺¹³]. **Solver** [Aan18,
ATW15, DKWB18, KH19, TL16, TDNL18, TL19, WMRSF15, WKBB18].
Solvers [Kaz15]. **Sorted** [ENSB13]. **Sorting** [GL10a]. **SoS** [ML17]. **Sound**
[JBMC10, STG16]. **SoundRiver** [JBMC10]. **Source** [GT16a, LMGH⁺¹³].
sourced [KWD14, XLS⁺¹⁴]. **Space**
[AJA11, AVR10, AMTMH12, AKS⁺¹⁹, AAB⁺¹⁰, BDA⁺¹⁷, BvTH16, BSL18,
BKW13, BMS⁺¹⁰, CDA⁺¹⁴, CCI13, DMSL11, EBGM12, EAGA⁺¹⁶, GKL17,
HKD15, HRWW12, HRS⁺¹⁴, HRS⁺¹⁶, HZRS18, HB19, HMRR19, HFE13,
JH19, KD13, KNH⁺¹⁸, KW18, LS10b, LMP⁺¹⁰, LLB⁺¹⁰, LJLH19,
MCHW18, MO10, MBES16, MEMO14, MFNP13, Man16, MHA17, MSW10,
MGB⁺¹², MRS12, NAM⁺¹⁷, NSM19, NPW10, PSDB⁺¹⁰, RGG18, SSSSW13,
SB13, SGEM16, TFA⁺¹¹, WG11, WWT⁺¹⁶, WBT19, WTH⁺¹³, XWB15,
YLX⁺¹⁶, YWHB18, YIC⁺¹¹, ZSW10a, ZFAQ13, ZLW⁺¹⁹, ZST⁺¹⁰, ZZ19,
ZLW15, AFHdL14, AHTAM14, FMD⁺¹⁹, JPCC14, Kur15, ZRJ⁺¹⁵].
Space-Efficient [CDA⁺¹⁴]. **Space-in-Time** [AAB⁺¹⁰]. **Space-Time**
[MBES16]. **Spaced** [EDPB15]. **Spaces** [BPFG11, BvLBS11, BBP10,
CSG⁺¹⁸, ERHH11, GSDG18, GHWG14, HW10, HMW⁺¹⁵, MCH13, MFL13,
OMPG13, PBK10, SBC14, SDKG18, TFA⁺¹¹, VAW⁺¹⁰, vBE11]. **Spacetime**
[CTL13, TCLK12]. **Sparse**
[BLD14a, BTP13, CCM16, CWL19, CRA⁺¹⁷, GDGP16, HR10, HYZ⁺¹⁴,
LJH10, LMMCO17, LDY10, MSAP15, MRAS17, OLF⁺¹⁴, PBB⁺¹³,
RXX⁺¹⁷, RSK12, RK10, SHD16, SRK13, SD10b, SHG⁺¹⁶, SGMG17,
SHQL18, SBC⁺¹⁷, SCF10, SSJ⁺¹⁰, WLZH17, WBS⁺¹³, WDR11, WTYH18,
XSX⁺¹⁴, YLLL15, ZFJ⁺¹⁶, vMRBPM17, GGM12, LBBC14]. **Sparsely**
[HR10]. **Sparsity** [DSH⁺¹⁷]. **Spatial**
[BCCS12, BSY⁺¹⁹, EGG⁺¹⁵, FKRW16, FL19, HHNČ19, JKL18, MR17,
MJK11, MGB14, MFL13, PPH12, SC16, SR19, WCH⁺¹⁵, GD16].
Spatializing [JE13]. **Spatially**
[KKTD17, LHNS18, MHRK19, PR12, SYC10, WTH⁺¹³, SPCR14].
Spatially-aware [KKTD17]. **Spatio**
[BJG⁺¹⁵, CLC12, DPD⁺¹⁵, KBÖ⁺¹⁴, SBE19a, ZZLX17, Fre18].
Spatio-Temporal [CLC12, DPD⁺¹⁵, KBÖ⁺¹⁴, SBE19a, ZZLX17, Fre18].
Spatio-Temporo-Chemical [BJG⁺¹⁵]. **Spatiotemporal**

[AAB⁺10, BMH⁺12, BBBL11, DBS⁺18, DBS⁺11, LBK14, RSD⁺12, RWSG13, WHP⁺11, vPJtHRV12]. **SPC** [SO10]. **Special** [GCCGP18]. **Specialized** [GHB15]. **Specific** [BBGB19, Deb18, GRP10, hKTL⁺17, LMK⁺15, BMM⁺15, WGK⁺19]. **Specification** [GOH⁺10, SE19, MVLS14, WZC⁺11]. **Spectra** [AAS17, BLTD17, LJC17, RK10]. **Spectral** [ACKM16, AFK⁺14, BSEH17, BLTD17, CMF18, EBR⁺14, HKW12, HCGW14, JH19, JWH⁺19b, LMLG15, LRBB17, MRCB18, MFW18, OYH18, Pat16, Pat17, PBE18, QPCRM19, RDK13, Ste19, SDHL11, WND⁺14, ZVD10, BMM⁺15]. **Spectralization** [RK10]. **Spectroscopy** [JCK16, MK11, SPB⁺17]. **Specular** [FZS⁺19, IKL⁺10, Tok15a]. **Specularity** [ABC11]. **Speed** [LTB19, SGMG17, WLI⁺12]. **SPH** [FM15, HLL⁺12, IABT11, KS14, OK12, PGBT18, SZMTW15, TDF⁺15, TL16, TDNL18, WKBB18, ZYF10]. **SPH-based** [TDF⁺15]. **Sphere** [DKY16]. **Spherical** [EJFadH13, GUK⁺17, IFDN12, Man16, MBR⁺13, NBMJ14, Tok15b, UFK13, UG18, XLH⁺13, YZXW12]. **Spherically** [KSKL13]. **Spherically-Parameterized** [KSKL13]. **Spine** [ZR13]. **Spine-driven** [ZR13]. **Spiral** [HT11]. **Splash** [UHT18]. **Splattering** [LCCC13]. **Splattling** [FSES14, HBW11, HWK⁺10]. **Splicing** [vBE11]. **Spline** [BSH15, Csé18, DH14, RC18]. **Splines** [BLP10, BSH15, CR16b, HRS⁺16, HQH15, PTP⁺15, SS15a, KP11, KP19]. **Split** [KGRG17, LEE17, GD16]. **Split-Depth** [LEE17]. **Splitting** [KKB18]. **SPLOMs** [YWS⁺14]. **Sponsored** [CSLG10, IC11, ID10]. **Sport** [GPK⁺12]. **Sports** [KÓOH13, LCP⁺12, PVS⁺18]. **Spray** [YLHQ14]. **Springs** [WPGSH18]. **Squad** [GLLR11]. **Squared** [PPL13]. **Squares** [BGS10, KBS11b, MS10a, MGB⁺12, PSPM12, RAV⁺19, KBÖ⁺14]. **Squeezing** [CKHL11]. **SSD** [CT11]. **Stability** [GBG⁺14, HCO18, STP17]. **Stabilization** [BAAR14, WZH13, XHW⁺18, ZLSW17]. **Stable** [COO15, GSTOG16, PK15, SZMTW15, Szy11, MSW19]. **Stack** [HSBW13]. **Stacking** [HL19, MP12b]. **Stackless** [ÁSK14]. **Stacks** [GTM⁺12]. **Stage** [SPF⁺19]. **Staggered** [WLI⁺12]. **Staging** [CWS⁺17]. **Stamps** [MGC⁺16]. **Stand** [KFA⁺10]. **Stand-Ins** [KFA⁺10]. **Standard** [RLP10]. **Standardized** [MMNG17]. **Star** [WLN⁺17, YL11, HS17, Pat16]. **Stardust** [RLH17a]. **Starting** [Lar10]. **State** [AHG⁺19, AMA⁺16, BBT11, BFR17, BHP15, BCMP18, BCD⁺12, DFIM15, ERT⁺17, FW17, GP12, GHWG14, GGG⁺16a, GT18, HSK⁺10, KRP⁺15, KKF⁺17, KBG⁺15, KKL⁺16b, KPK18, LHT17, LKG⁺16, LGH⁺17, MGM⁺19, MKRE16, NSG11, NMSL19, NK16, Pat16, PP10, PVS⁺18, PDC⁺19, PPF⁺11, RDGK12, RGG⁺14, SRM⁺19, SPN⁺16, TDS⁺16, TAEE15, VCD⁺16, WWS⁺15, ZTG⁺18, ZSG⁺18, ZJL⁺15, vLKS⁺11]. **State-of-the-Art** [AMA⁺16, BBT11, BHP15, FW17, GP12, LGH⁺17, MKRE16, RGG⁺14, SRM⁺19, TDS⁺16, vLKS⁺11, PDC⁺19]. **Static** [CKE⁺12, CLL⁺13, ODS18, PBMG15, SBD⁺15b]. **Statics** [PTP⁺15]. **Stationarization** [MJH⁺17]. **Stationary** [ZXW19]. **Statistical**

[CRY11, JMD15, NVH⁺¹³, PCDS12, WLJ⁺¹⁸]. **Statistics**
 [PKRJ10, PCR11, RSM⁺¹⁶, RW18, VVP⁺¹⁶, YB18]. **Statutory**
 [Ano10c, Ano11e, Ano12f, Ano13i]. **STD** [RBMS17]. **Steady**
 [GT16b, GG17, TSW⁺¹⁹]. **Steering** [AGR19, LCM⁺¹⁸, DMCN⁺¹⁷].
Stenciling [STG16]. **Step** [KB12, WPY⁺¹⁹]. **Stepping** [FHHJ18]. **Steps**
 [ZC18]. **Stepwise** [MWTI19]. **Stereo**
 [BSL18, FNH⁺¹⁷, LFYX19, SW11, SSB⁺¹⁴, CHA⁺¹⁴, PHM⁺¹⁴].
Stereo-Consistent [BSL18]. **stereo-to-multiview** [CHA⁺¹⁴].
Stereoscopic [KrJC⁺¹¹, NREM14, TDMS14, ZZH15]. **Stereoscopy**
 [ZCW⁺¹⁵]. **Stick** [CYI⁺¹²]. **Sticks** [YIC⁺¹²]. **Stiff** [DKWB18]. **Stiffness**
 [ATK17]. **Still** [SKWL13]. **Still-Frame** [SKWL13]. **Stippling** [MGY⁺¹⁸].
Stitching [GWO⁺¹⁰, GTZM10, LCC⁺¹⁷, LWL^{+16b}, LLCZ16, LCWCO10].
Stochastic [AMAM13, AHMAM15, AAS17, CWY11, DJSJ19, GD10, GG14,
 KCL⁺¹⁸, LK11, LSMD15, MTAM12, NDG17, PHL⁺¹⁶, SD10a, TH17,
 WWH18, WG12, AHTAM14, SNJ⁺¹⁴]. **Stone** [XDR11]. **Stones** [PGGM10].
Stories [RGM⁺¹⁸]. **Storm** [LMK⁺¹⁵]. **Story**
 [GLG⁺¹⁶, MRL⁺¹⁷, RGM⁺¹⁸, SLSG16]. **Storyboard** [ZC18]. **Storyboards**
 [HMLP13]. **Storytelling** [GLG⁺¹⁶, ZOM19]. **Straightforward** [BCCS12].
Strain [MYLZ16, OBH⁺¹¹, SBO18]. **Strange** [YMM10]. **Strategies**
 [GB10, HKL17, SNJ⁺¹⁴]. **Strategy** [AMR⁺¹⁷, BP17, dSNV⁺¹⁷]. **Stratified**
 [LK11, UG18]. **StratomeX** [LSS⁺¹²]. **Stream**
 [ELM⁺¹², ESRT13, HLJ⁺¹³, MH13, SRWS10, SGRT12, SEG⁺¹⁴, WESW17].
Streamgraphs [DH16]. **Streaming**
 [DAF⁺¹⁸, HSS19, PHE⁺¹¹, SRK13, SBS⁺¹⁷, TTN⁺¹³, VOS⁺¹⁰].
Streaming-Enabled [VOS⁺¹⁰]. **Streamlines** [LMP13, MC14]. **Streams**
 [KCJM16, RWW16, GBM⁺¹⁹]. **strengthening** [ZKWG16]. **Stress**
 [KHK12, MVB⁺¹⁷, ZXZ⁺¹⁷]. **Stress-Constrained** [ZXZ⁺¹⁷]. **String**
 [BRWM18, KLMK19]. **String-Based** [KLMK19]. **Stroke**
 [BBK⁺¹⁹, LCY⁺¹¹, LLSC13, Sch13, SRG16, YZZ18, YSC⁺¹⁸].
Stroke-based [BBK⁺¹⁹]. **Stroke-guided** [LLSC13]. **Strokes**
 [KS10, LLC19]. **Structural**
 [ERHH11, RL14, RJT18, SSW14a, SMS⁺¹⁷, UMK19]. **Structurally**
 [STG16]. **Structurally-Sound** [STG16]. **Structure**
 [ASB⁺¹⁷, AP10b, BLK11, CCM16, DCNP14, FVHK17, FO12, FCS⁺¹⁶,
 HVH⁺¹⁶, JLKL16, KO19, LJKL17, LZY⁺¹⁷, LWS⁺¹⁶, LWBP14, LMHH14,
 LLSC13, MLD⁺¹⁸, PSC10, RBC14, RÖM⁺¹⁵, SM14a, SLA15, SXLS19,
 TLRB18, VGB14a, VSK16, XXLX14, XSX⁺¹⁴, YFW12, ZSS17, ZFCO⁺¹¹,
 ZFJ⁺¹⁶, AVBC18, EKB14, MCM⁺¹²]. **Structure-adaptive** [FCS⁺¹⁶].
Structure-Aware [LWS⁺¹⁶, SLA15, DCNP14]. **Structure-based** [KO19].
Structure-Driven [LWBP14]. **Structure-Performance** [ASB⁺¹⁷].
Structure-Preserving
 [JLKL16, ZFCO⁺¹¹, ZFJ⁺¹⁶, SXLS19, AVBC18, EKB14].
Structure-Texture [LJKL17]. **Structured**
 [CDM⁺¹⁷, KLMK19, MDBS14, RSM⁺¹⁶, RPWO19, RS19, MWCS13, ZLL13].

Structures [ABCJ10, ACAA⁺19, BGCP11, Duc14, ER18, FR11, GOPT11, GSW12, JWWP14, KLTZ16, KMA⁺19, KKF⁺17, KK11a, KBT⁺12, KER⁺14, LS10b, LMP⁺10, LGK16, LBH12a, MBES16, MDI⁺18, NHL16, PLL11, PW12, RTJ⁺11, RL16, SW10, SAD⁺16, SPK10, TDDD18, TPRH11, VBW17, WBS⁺13, XDY18, ZSW10a, ZLMM16, ZCBK12, ZAD15]. **Structuring** [HKL17, LA13]. **Student** [RBMS17]. **Studies** [DKMT18, ZLDM16]. **Study** [ARLC⁺13, APM⁺11, BBL12, CEX⁺18, CWM19, CCH⁺14, GKLS19, GBG⁺14, KARC15, KGP⁺12, NW13, PRS15, RCMA⁺18, SH14a, SH14b, SBLC17, SS15b, TLM16, UMM⁺10, WHC15, WBFvL17, YPF19]. **Style** [AMYB17, BV19, GTL⁺18, HZL19, JL18, LZW⁺13, LPD14, LGK16, LCUR14, LTR19, NRM⁺12, WLL⁺17, YZZ18, MHS⁺14, RLYL14]. **StyleBlit** [SJT⁺19]. **Styles** [MSZ⁺18, XADR13]. **Stylization** [BZBM⁺16, BLV⁺10, CS16, FLJ⁺14, HHGJ15, KLC⁺15, LWB14, LM15, LCUR14, RLMB⁺14, SHJ⁺16, SJT⁺19]. **Stylized** [BBT11, BCMP18, GRR⁺16, LG19, PMG13, VVC⁺11, YKM12]. **Sub** [DFY14, JKL13, UBH14]. **Sub-Grid** [UBH14]. **Sub-Pixel** [DFY14]. **Sub-Sample** [JKL13]. **Subdivision** [BPY16, BGS10, BHU10a, Cas12, DH14, DZCC19, DKY16, GZH⁺19, HLS12, KP18, KSD14a, KSD14b, MM18, MM19, MRAS17, SVBC19, VK18, BHU10b]. **Subdivision-based** [DZCC19]. **Subgrid** [KER⁺14]. **Subject** [GRP10]. **Subject-Specific** [GRP10]. **Subjective** [DBS⁺18, KWD14, KDC17, MTM12]. **Sublinear** [TBKP12]. **Subneighborhoods** [ZWY⁺13]. **Subpixel** [ESKD14, JESG12]. **Subregion** [XXZC13]. **Subsampling** [BCCS12]. **Subspace** [BWM⁺11, FR11, HCW19, HFL12, LWT⁺15, MWW16, SJF11, ZHQH17, ZZT15]. **Subspaces** [MKU15, NNRS15]. **Substructures** [LVW⁺15, ZCOM13]. **Subsurface** [HCJ13, JZJ⁺15, MESS11]. **Subtype** [LSS⁺12]. **Succinct** [JYS19]. **Suggested** [SRH⁺11]. **Suggestion** [KM16]. **Suggestions** [RLGH15]. **Suggestive** [LWX⁺15]. **Summarization** [XBL⁺18]. **Summarized** [YKS⁺19]. **Summarizing** [ODS18]. **Summary** [KS13b, PKRJ10, SGS18]. **Sums** [CK10a]. **Super** [ACA18, BD12, DTV15, HCDC18, MAM14, SLHC12, ZLZ⁺18]. **Super-Clothoids** [BD12]. **Super-Deformed** [SLHC12]. **Super-Resolution** [HCDC18, ZLZ⁺18, ACA18, DTV15]. **Superfacets** [SPD14]. **Superimposed** [LMLG15]. **Supernova** [ASW14]. **Supapixel** [CG16a, DCYG19]. **Supervised** [LBBC14, PSPM12, LCHB12]. **Supervision** [YLD⁺18]. **Support** [BSK⁺17, BMPM12, CBK⁺17, CWS⁺17, GKLS19, KFW19, KMJE12, LCP⁺12, PZDD19, RLH17a, RWS⁺10, VGB14a, VMTS10, WKS⁺14]. **Support-Free** [KFW19]. **Supported** [HA17, RGSK10]. **Supporting** [BEF17, CE19, KFR18, LBRM18, LCB⁺18, MbMYR15, SV10]. **Surface** [AJA11, AIAT12, ABG⁺12, BSK⁺13, BBB⁺18, BTS⁺17a, BLK11, CT11, CIE⁺16, Cas12, CCLN10, CLCL11, CCW12, CBLW19, DRF12, DZCC19, DLY⁺18, ELM⁺12, GGV⁺19, GLLR11, HCJ13, HTG14, HWK⁺10, HLR⁺11,

JTSZ10, JK13, KL19, KRS⁺¹³, KGM⁺¹⁰, LA13, LS10b, LGP14, LKEP14, LVPI18, LMP⁺¹⁰, LMA⁺¹⁸, LKF12, MRM⁺¹⁸, MSS11, MMG18, MDD⁺¹⁰, MES⁺¹¹, NM14, NSRS13, PPL13, PSCN10, PDC⁺¹⁹, PGK10, RLH⁺¹⁸, Ren16, RPG16, RSK12, SLB⁺¹⁸, SV14, SAMG14, SSW14b, SGRT12, SYT⁺¹³, SBCBG11a, SCQ⁺¹⁹, SMG10, TOZ⁺¹¹, TBTB12, VSG⁺¹³, WLT12, WYZC13, WZK16, WLZT18, WDR11, XYLY19, YMM10, YFL19, YLD⁺¹⁸, YMYK14, ZSW10a, ZYF13, ZCK17, HDV19, NGM14, PSP⁺¹⁴, SZ18].

Surface-based [LVPI18]. **Surface-Like** [PSCN10]. **Surfaces**

[AP10b, AMT⁺¹², AW13, ABCCO13, AWO⁺¹⁴, AVBC16, BAT11, BCBSG10, BBCW10, BW13, BGS10, BvTH16, Bru19, BL18, CHK13, Cam17, CGT⁺¹⁵, CLS16, CMF18, CBV⁺¹⁴, CDS10, DW13, DH14, DGQ⁺¹², DKY16, DBK11, EKFM12, ESRT13, GLK16, GB10, GBW16, GSE^{+14b}, GTG17, HCDC18, HLS12, HRS⁺¹⁴, JKL⁺¹⁶, KP18, KSD14a, KSD14b, KSKL13, LBRM18, LW17, LMG^{+18b}, LPD14, LBPH10, LPG10, MJK17, MS10b, MRMH12, NGM14, OAM⁺¹⁸, PKS10, Rus10, SJP⁺¹³, SM10, SV14, SKR⁺¹⁴, SRWS10, SHD16, SEG⁺¹⁴, STG16, SYC10, SVBC19, SPD14, SLD⁺¹⁷, SNB⁺¹², SVWG12, Szy11, VSK16, VWH18, WLS13, WC14, XLS⁺¹⁴, XDY18, YWTY12, ZBQC13, dGWB⁺¹⁴, vKvLV13, DCV14, GTB14, HP11, HKM15, KP15, KBÖ⁺¹⁴, PCBL16, DCV14, GTB14, MHS⁺¹⁴, VMHB14]. **Surgery** [MP10, TWS⁺¹¹]. **SurgeryCuts** [ABK⁺¹⁹]. **Survey** [ALCS18, ABC11, BPA16, BBDW17, BNN19, BMO⁺¹⁴, BTS^{+17a}, BKR⁺¹⁷, BLP⁺¹³, Cam17, Cas12, DCGG11, HLH^{+16a}, HGP⁺¹⁹, IS15, JSYR14, KWD14, KZB19, KWC⁺¹², KCA⁺¹⁶, KBvP⁺¹⁷, KMM⁺¹⁸, LLC^{+10a}, LSBP18, LVPI18, LOM⁺¹⁸, ML17, MCG⁺¹⁹, MWA⁺¹³, OJMN⁺¹⁹, PPY⁺¹⁶, PCR11, PBC⁺¹⁶, PKE17, RL19, RMG18, RBRY19, SWP11, SCP⁺¹⁷, SLD⁺¹⁷, STBB14, TGK⁺¹⁷, TAEE15, VBW17, WT17, WWD15, YZL17, ZWJ⁺¹⁹, vKZHCO11].

Surveys [ML17]. **SVBRDF** [DAD⁺¹⁹, PCDS12, ZXW19]. **Swarm**

[VMH⁺¹³, WJDZ14]. **Swarms** [LWPL15]. **Sweep** [AMS16, Tim13]. **sweeps** [BPW14]. **Swept** [CK10a, DKY16, MCM⁺¹²]. **Swipe** [LCG10]. **Symbols** [KPK10]. **Symmetric**

[CML⁺¹², GRT19, JWH19a, JKLS10, Kaz15, KLAB15, KASH13, SY13, Sch11].

Symmetries [BWM⁺¹¹, GAK10, WH17b, WMXC19]. **Symmetrization**

[ZHH⁺¹⁵]. **Symmetry** [BCBSG10, DSWH17, GAK10, GL12, KBWS13, KLCF10, KLAB15, KWW⁺¹⁴, LKF12, MGG10b, MPWC13, SFL⁺¹⁶, SAD⁺¹⁶, SGS14, WXL⁺¹¹, WMXC19, WK17, WWH⁺¹⁴, ZYF13].

Symmetry-Aware [DSWH17, KWW⁺¹⁴]. **Symmetry-Preserving**

[WWH⁺¹⁴]. **Symposium** [AJL⁺¹¹, Kuh12, LF11]. **Synopsis** [HLH^{+16b}].

Syntactic [PLL11]. **Synthesis**

[AYLM13, BW17, BMM⁺¹⁵, COO15, CLJ⁺¹⁵, CWL19, ENMGC19, GGV⁺¹⁹, GMM15, GPK⁺¹², GMM⁺¹², GTB⁺¹³, GSDC17, HČA⁺¹², HKM15, JKL⁺¹⁶, KLMK19, KÓOH13, KLTZ16, KKS⁺¹², KDC17, KS12b, LGH13, LL19, LSR17, LZ10, LLSC13, PHTB12, PP10, PR12, PFC15, QWZ⁺¹⁹, RZS10, RÖM⁺¹⁵, RSK13, SLE18, SD10a, SPK10, SGB13, TGM12, TLH19, TCGK15, VCD⁺¹⁶, WSCP13, WYZB14, WBSH⁺¹³, XWG⁺¹³,

YL10, ZZH15, ZFE16, ZLL13, ZSL⁺17, AKZM14]. **Synthesize** [KS10].

Synthesizing [CTL13, HSK14, ZWXL17]. **Synthetic**

[FW17, HL13, KMB⁺17, LDG19, SKZ13, SJ13a, WOH13]. **System**

[ADMAS18, AJC11, BCD⁺10, BSK⁺17, CD18, DI18, HC14, Jac19, JSH⁺13, JLW10, KSCN19, KMJE12, LG13, LLD10, LLC⁺15, NKSI16, NLB⁺13,

NSM19, OP10, RGSK10, SPH11, WDC⁺10]. **Systems**

[BWH⁺11, CE19, CTHAM10, HBO⁺10, HHRZ12, HHH12, OP10, PTO10, PMD12, TIK17, VOS⁺10, WBS⁺13, YZXW12, ŠBM⁺10].

T [BM15, KP19, KRM⁺17]. **T-gons** [KP19]. **T-SAH** [BM15]. **t-SNE**

[KRM⁺17]. **Table** [BBR⁺16, SV10]. **Tableau** [BH19]. **Tables** [vdCvW16].

Tablet [SPH11]. **Tablets** [SS16]. **Tablorer** [SPH11]. **Tactile** [WBAI19].

Tagged [CWG11]. **Tagging** [KvLB14]. **Talks**

[Ake11, Ano15a, Pos11b, Thi11]. **TAMRESH** [SMP13]. **Tandem** [OLA16].

Tangent [ABCCO13, MRMH12, WHT12]. **Tangential** [BSEH17, HCW17].

Tangible [BSY⁺19, WPHC16]. **Tangram** [LBK14]. **Task**

[KK17, KH18, KARC15, WGK⁺19]. **task-specific** [WGK⁺19]. **Tasks**

[LCSS19, MbMYR15, NHG19, OAJ14, RI17]. **Taxonomy**

[BBDW17, BNN19, BKR⁺17, SSW14b, STMT12]. **Taylor** [CH11]. **Teaching**

[McD10, SASF11]. **tearing** [SRH17]. **Technical** [Can11]. **Technique**

[KTW⁺13, SMM13, TCM10, WYY13]. **Techniques**

[AKV15, ALCS18, BGCP11, BBR⁺16, BNN19, BNRS13, CRY11, CBTB16, DCGG11, GD16, GP16, GUK⁺17, HPK⁺16, HSBW13, HSH16, HHRZ12, JSYR14, KMM⁺18, KF12, KGM⁺10, LHT17, LMG⁺18a, MVZ16, MJK11, NKF⁺16, NHG19, SCP⁺17, SJL15, VKJ⁺17, YZXW12, ZDM⁺14, vdEvW13].

Technologies [KAS⁺19]. **Tectonic** [CBC⁺16, CPGG19]. **Teichmüller**

[NC16]. **Tele** [GBS19]. **Tele-Colorimeter** [GBS19]. **Template**

[CDM⁺17, FV14, KWW⁺14, NJGW15]. **Template-Based** [FV14].

Temporal [BHRD⁺15, BDA⁺17, BBT11, BBBL11, BBL12, CLC12,

DER⁺10, DPD⁺15, DBS⁺11, FLJ⁺14, FE17, HRD⁺15, HJM⁺11, IGMK⁺16,

MO10, MHK⁺19a, MSW10, OK12, PCBS16, RPMO13, SYM⁺12, SR19,

TPRH11, WG11, WBT19, XSQ13, KBÖ⁺14, SBE19a, ZZLX17, Fre18].

Temporal-Coherent [MO10]. **Temporally**

[BBH13, BIZ18, CS16, FHHJ18, SPCR14]. **Temporo** [BJG⁺15]. **Tendrils**

[WC16]. **Tensor** [AH11, BÖK11, JWH19a, JKLS10, MVB⁺17, ORT18, SK10, Sch11, SMP13, dGLB⁺14]. **Tensors**

[FKS⁺10, GRT19, JKLS10, KASH13, SRWS10, SK10, SK16a, ZCH⁺17].

term [KTW⁺13]. **Terminal** [KPK10]. **Terms** [VCRG14]. **Ternary**

[MRAS17]. **Terrain** [ACA18, CDS16, CBC⁺16, GMM15, GGP⁺19, GGP⁺15,

TGM12, TRAW12, HGA⁺10]. **Terrains** [CBC⁺16, GDGP16]. **tesselated**

[CBV⁺14]. **Tessellated** [HSS19]. **Tessellation**

[JH12, LBG16, LPD14, LLW12, MSWI12, NKF⁺16, OT11].

Tessellation-Independent [MSWI12]. **Tessellations** [WHWB16]. **Test**

[AMTMH12]. **Tests** [AAS⁺16]. **Tetrahedra** [MMF10]. **Tetrahedral**

[BXH10, BHU10a, NZH⁺18, WIFD13]. **Tetrahedron** [DKY16]. **TexNN** [POCM19]. **Text** [ARLC⁺13, ARRO⁺17, CBK⁺17, CY11, CWG11, EAGA⁺16, EASKC18, EHH19, HRD⁺15, HC14, JFCS17, KvLB14, LKC⁺12, MHHH15, NW13, OKK13, OSR⁺14, PTT⁺12, RPSF15, RAMG15, SSDK12, SSS⁺12, SSSG16, WPW⁺11, ZAM⁺16, ZOM19]. **TextDNA** [SSSG16]. **Textile** [ACG⁺17]. **Textiles** [LZB17]. **Texton** [GLM17]. **Textual** [AEWQ⁺15]. **Texture** [ACOM12, And12, Csé18, GGV⁺19, GD10, GDG12, HWA⁺10, HFM10, HLS12, JLKL16, JCW11, KPRN11, KNL⁺15, KKS⁺12, KKPL19, KDC17, KGR⁺16, LGH13, LJKL17, LWS⁺16, LFA⁺15, MP12a, MJH⁺17, NS11, OVB⁺15, OBGB11, PDP⁺15, POCM19, RSK10, RSK13, SD10a, SKZ13, SRK13, SC10, SL11, SXLS19, SCQ⁺19, TGM12, WSCP13, YLT19, ZFE16, AHTAM14, LLD12, MRM⁺18, VB14b, W GK⁺19]. **Texture-Based** [TGM12]. **Texture-by-Numbers** [SL11]. **Textured** [CP10, LMG⁺18b, BCGS13, CVDL16]. **Textures** [ACOM12, And10, BAAR14, FBL16, GKHF14, GSDC17, HWA⁺10, JLKL16, KNL⁺15, KBS11b, KSG⁺15, LLD12, LT12, LLN⁺14, LWS⁺16, LZB17, MGC⁺16, MJH⁺17, NRM⁺12, NS11, OBGB11, SGSP15, YLL15, ZFE16, ZSL⁺17, CVCH14]. **Textures/Mapping** [FBL16, JLKL16, LWS⁺16, MGC⁺16, ZFE16]. **Texturing** [DKB⁺16, GWO⁺10, GDG12, KGR⁺16, MGC⁺16, PBMG15]. **Their** [CDA⁺14, SHS⁺17, CTL13, NWHWfD16]. **Theme** [NPCB17]. **Theoretic** [BRB⁺13, ZC18]. **Theory** [CBK⁺17, GMD10, LF10, MSS⁺10]. **Therapy** [CWS⁺17, RWS⁺10, SRM⁺19]. **There** [DH16]. **Thermal** [HSK⁺10]. **Thickness** [ZLW⁺16, ZXZ⁺17]. **Thin** [TDDD18]. **Thing10K** [ZJ18]. **thinning** [LCLJ10]. **Thousand** [BHW17]. **ThreadReconstructor** [EASKC18]. **Three** [MC14, YKS⁺19]. **Three-Component** [YKS⁺19]. **Three-Dimensional** [MC14]. **Threshold** [KRM⁺15]. **throughfall** [WJG⁺16]. **Thumbnail** [LSN⁺14]. **Thumbnails** [KGAC15, SSDK12]. **Ties** [CDA⁺14]. **Tight** [KKBL15, RLGH15, WTTM15, WNS⁺10]. **TightCCD** [WTTM15]. **Tile** [AMTMH12, MH17]. **Tileable** [MJH⁺17]. **Tiles** [DJSJ19, WPHC16]. **Tiling** [KWS16]. **Tilings** [SD10a]. **Time** [AVR10, AKMM11, ARH12, AAB⁺10, AMT⁺12, BHRD⁺15, BDA⁺17, BSW10, BPA16, BHR⁺19, BPKB14, BHW11, BM15, BLW11, BBL12, BKW13, CEG⁺18, DH16, FHHJ18, FL19, GO10, GMAG15, GAM17, GRPF16, GT15, GKT16, HA11, HML⁺19, HCBW19, HJM⁺11, HRWW12, HGRS⁺17, HREB11, HR10, IGMK⁺16, ISYM15, JMV⁺15, JKL13, JZYP18, KCJM16, KMHG13, KSCN19, KMB⁺17, KK14, KBKL10, KWS⁺15, KER⁺14, LDG19, LDdLRB16, LMP13, LKEP14, LE13, LCP⁺12, LDGN15, LL18, LLB⁺10, LLD10, LMK⁺15, LRB⁺15, MD19, MO10, MBES16, MW11, MBM13, MBJ⁺15, MC10b, MLD⁺18, MPBM⁺17, NKF⁺16, OT11, PBK10, RL15, RHL12, SPB⁺19, SW10, SW17, SWP11, SYM⁺12, SBD15a, SKZF11, SSB⁺14, SAAF18, SWG16, SBM⁺14, SDHD17, SHS⁺17, TST⁺15, TFA⁺11, TCM10, VVE⁺10, VWH18, WSCP13, WRS⁺13, WG11, WRK⁺16, WDZ17, WWT⁺16, WTH⁺13]. **Time** [WWH⁺14, XWZB17, YHGT10, YLRC10, ZFAQ13, ZZT15, ZC18, vDvdEvW19, ATK17, BNH10, BN12, CRC⁺15, CH12, CCI13, DER⁺10,

HNJ⁺¹⁴, HSKS18, IFDN12, JSLW14, JPCC14, KGK19, KYM19, LCC⁺¹⁷, LJH13, MRM⁺¹⁸, MAG19, NKLN10, PSDB⁺¹⁰, RTK⁺¹⁴, SM14b, SGEM16, Tok15b, WWH⁺¹⁰, WMB15, WJG⁺¹⁶, XLL⁺¹⁰, YCL⁺¹⁷, YWY10, YLX⁺¹⁶, ZFE16, ZM16, ZST⁺¹⁰, ZRJ⁺¹⁵, DKG15, EHH19]. **Time-anchored** [SHS⁺¹⁷]. **Time-Continuous** [GAM17]. **Time-Dependent** [BPKB14, HGRS⁺¹⁷, SW10, SW17]. **Time-Discrete** [HRWW12]. **Time-Domain** [LL18]. **Time-evolving** [CEG⁺¹⁸]. **Time-in-Space** [AAB⁺¹⁰]. **Time-Lapse** [SSB⁺¹⁴]. **Time-Of-Flight** [HA11, KBKL10]. **Time-Resolved** [JMV⁺¹⁵]. **Time-Series** [AKMM11, ARH12, BBL12, GRPF16, SBM⁺¹⁴, TFA⁺¹¹, WG11, KWS⁺¹⁵, LRB⁺¹⁵, RL15]. **Time-Specific** [LMK⁺¹⁵]. **Time-Varying** [FL19, WRS⁺¹³, YLRC10, ZC18, TCM10, MAG19, DKG15]. **TimeArcs** [DPF16]. **Timeline** [DMS14, ODS18]. **Tissue** [RvdHD⁺¹⁵]. **Tissues** [NMM⁺¹⁹]. **TOC** [Ano16k]. **Toleranced** [CD10]. **Tolerant** [CK11a]. **Tomographic** [FEM⁺¹⁹]. **Tomographies** [GBM⁺¹⁹]. **Tomography** [HRRR18]. **Tone** [CLLC15, Deb18, EWMU13, GKHF14, MBDC15, SLCL19, UMM⁺¹⁰, ZHLW18, EMU17]. **Tone-** [CLLC15]. **Tone-Mapping** [MBDC15, EMU17]. **Tool** [FEM⁺¹⁹, HBRFP19, HAGO19, MWS⁺¹⁰, PDW⁺¹⁴, SJL15, WNS⁺¹⁰, WCM15, YNM⁺¹³]. **Tools** [BCB⁺¹⁵, HMTH13, NHG19]. **Topic** [EAGA⁺¹⁶, GBM⁺¹⁹, LKC⁺¹²]. **Topic-Space** [EAGA⁺¹⁶]. **Topical** [WDM⁺¹²]. **Topical-Level** [WDM⁺¹²]. **Topographic** [And10]. **Topological** [BSK16, COO15, CDA⁺¹⁴, HW10, Lai13, LA11, NHL16, PSO18, Sch11, TWS⁺¹¹]. **Topologically** [Gro16, LKSD17]. **Topologies** [KFA⁺¹⁴, PCBL16]. **Topology** [AH11, BSW⁺¹², BWH⁺¹¹, DGP17, FKS⁺¹⁰, FNH⁺¹⁷, GST14, GT16b, GG17, GZH⁺¹⁹, GBG⁺¹⁴, HLH^{+16a}, HSmCY13, HRS18, HHC⁺¹³, JWH19a, JWL⁺¹³, KWS⁺¹⁵, Lai13, LGH13, LJB⁺¹², LRB⁺¹⁵, MRM⁺¹⁸, MKSS12, OGHT10, PPF⁺¹¹, RL15, SW10, SSW14a, SV14, SRWS10, Sch11, SN12, Szy11, VMH⁺¹³, WLJ⁺¹⁸, WGS10, WIFD13, YSC⁺¹⁸, CHWL19]. **Topology-Based** [PPF⁺¹¹, AH11, BWH⁺¹¹, HLH^{+16a}, Sch11, Szy11, VMH⁺¹³, WGS10]. **Topology-Change-Aware** [JWL⁺¹³]. **Topology-driven** [MRM⁺¹⁸]. **TopTom** [GBM⁺¹⁹]. **Tori** [CG19]. **toric** [SZ18]. **Tortorelli** [BCGL18]. **Touch** [BSY⁺¹⁹, JSH⁺¹³, KGP⁺¹², SHW⁺¹⁸]. **Touch/Tangible** [BSY⁺¹⁹]. **TouchTone** [LCG10]. **Tour** [CY14]. **tourist** [BMWW14]. **Toxicity** [RCMA⁺¹⁸]. **Trace** [IIX⁺¹⁹]. **Traced** [PJSH15]. **Traceless** [JKLS10]. **Tracer** [DHS⁺¹³, MFW18]. **Traces** [SMM13]. **Tracing** [Áfr12, ÁSK14, BYM18, BMDs19, BAAM17, Bik12, BNH⁺¹⁶, BLW11, CBTB16, CCI13, CNS⁺¹¹, DKY16, DBK11, ENSB13, GL10a, GPP⁺¹⁰, GAM17, GHB15, HOB⁺¹⁹, HWU⁺¹⁹, HH11, HHH12, IH11, JKL⁺¹⁶, KTN10, KBS11a, KBK⁺¹⁰, KSS⁺¹⁵, KZZM12, KF12, LWY⁺¹¹, MW11, MHA17, MHK^{+19a}, MBJ⁺¹⁵, MMG18, MJL⁺¹³, NM14, NB15, OT11, PBPP11, PGKS17, PBE18, PPM⁺¹⁶, PRDD15, TSdSK13, UWA⁺¹⁹, VF16, VHB16, WRK⁺¹⁶, YWC⁺¹⁰]. **Tracing/Appearance** [DKY16, VF16, WRK⁺¹⁶].

Track [GVS⁺15, CD18]. **Tracking** [BKR⁺17, BH15, CK11b, EGG⁺15, HBO⁺10, HYL⁺15, KAS⁺19, KRS⁺13, KER⁺14, LWL⁺16a, LWM⁺17, MBM13, MSGT18, OAM⁺18, PEPM12, SY13, SW17, SK17, TST⁺15, TSB16, WH17a, ZTG⁺18]. **Tracts** [SEI10]. **Trade** [BMPM12, HGRS⁺17, VVE⁺10]. **Trade-off** [VVE⁺10]. **Trade-Offs** [BMPM12]. **Traffic** [BJB⁺18, BJA⁺15, CWL⁺15, PDV⁺15, SMvdWvW15, SWML10, ZSJT19, GDAU14]. **Trail** [LHT17]. **Trails** [ZSJT19]. **Train** [WBFvL17]. **Training** [HGB⁺10, KMB⁺17, YDP19]. **Trajectories** [FKSS13, GHWG14, NSM19, AKS⁺19]. **Trajectory** [KTW⁺13, WVV11]. **TrajectoryLenses** [KTW⁺13]. **Transductive** [XSX⁺14]. **Transfer** [AP10a, ARG⁺16, BHS⁺17, BP19, CNCO15, CJZW12, GOH⁺10, HZL19, LP15, LCUR14, LKG⁺16, MGG⁺10a, NRM⁺12, NKB14, OVB⁺15, SPB⁺17, SS15b, TM13, WZL⁺12, WZL⁺17, WDK⁺13, XSXM13, XXZC13, XWL⁺15, YYZZ18, ZZLX17, ZXTD10, MHS⁺14]. **Transferring** [PFC15]. **Transfinite** [CG16c]. **Transform** [GL12, RAV⁺19, SLE18, XWY⁺15, YYG18]. **Transformation** [YZC18]. **Transformations** [ATF12, BWH⁺11, GAWJ15, MD19, MFNP13, SO12]. **Transforms** [PB11]. **Transient** [MGJ⁺19]. **Transit** [CY14]. **Transit-Centric** [CY14]. **Transition** [McC11]. **Transitions** [BNH10, KCH19, STKD12]. **Translation** [NW13]. **Translucency** [MR17]. **Translucent** [BCRA12, HWL18, WWH⁺10, YZXW12]. **Transparency** [LK11, NPW10, SVLL10, SBF15, SGG15, YHGT10]. **Transparent** [CCC⁺14, DZC11, ER18, IKL⁺10, MC14, RLH17a, RLMB⁺14, WWT⁺16]. **Transparent-Object** [DZC11]. **Transport** [CJWL19, HKD15, HEV⁺16, HMRR19, HH10, HR10, JMV⁺15, JA18, JG19, JR16, KD13, LDdLRB16, LF10, Mér11, MGN17, NGHJ18, RGG15, RKRD12, SKGM⁺17, WPH⁺12, ZAD15, dGCSAD11]. **Transportation** [ZFA⁺16]. **Travel** [WTLY12]. **Travel-Route-Centered** [WTLY12]. **Traversal** [ÁSK14, GL10a, HH11, HPMB19, IH11, KBLE19, NM14]. **TrayGen** [YH13]. **Treatment** [CFS14, vPGL⁺14]. **Tree** [BJB⁺18, HL19, SPH11, WYZB14, XL10, XM15, YLG⁺18, ZBM⁺17, CCI13, HH11, BJB⁺18, PSC10]. **Treemaps** [NB12]. **TreeMatrix** [RMF12]. **Trees** [AT10, BLS⁺17, CCLN10, ERHH11, KS13b, LPK13, LDY10, NBHN17, SJ13a, SR19, SHL⁺14, SPK⁺14, VHB16, WLJ⁺18]. **Trends** [BCBB16, OJMN⁺19]. **Tri** [JWL⁺13]. **Tri-level** [JWL⁺13]. **Triangle** [CLL⁺13, DFY14, EHA⁺19, GLLR11, JBG17, MKSS12, PRS15, QYZ17, Ren16, SBCBG11a, WLT12, XLS⁺14, ZCBK12, VR12]. **Triangle-Based** [DFY14, ZCBK12]. **Triangular** [MYLZ16]. **Triangulated** [AH11]. **triangulating** [ZJC13]. **Triangulation** [LG19, SSE⁺14, ZSW⁺10b]. **Triangulations** [AMR⁺17, SSE⁺14, dGLB⁺14]. **Trip** [HLH⁺16b, WBFvL17]. **Tristimulus** [MSHD15, OYH18]. **Trivariate** [HQH15]. **Trivial** [CDS10]. **Trous** [HDL11]. **Truly** [MC19]. **Truncated** [KSD14a]. **Truth** [CMF18, SDK⁺15]. **Try** [SOC19]. **Try-On** [SOC19]. **TSS**

[DKY16]. **Tube** [HWU⁺19]. **Tubes** [LLC10b]. **Tubular** [LMPS16]. **Tumor** [HMP⁺12, RvdHD⁺15, RCMM⁺16]. **Tumour** [HMTH13]. **Tunable** [dSNV⁺17]. **Tuning** [ERA⁺16, KNL⁺15]. **Tunnel** [BJG⁺15]. **Tuples** [KZZM12]. **Turbulence** [HL13, LMSF19, SJ13a]. **Turning** [GBS19, MJH⁺17]. **Two** [Aan18, CTL13, DJM12, GKHF14, HSK14, KBS11a, LK10, LAFT12, MLP⁺10, PK10, QWZ⁺19, Ren16, TL19, YLHQ12]. **Two-Character** [HSK14, CTL13]. **Two-Colored** [PK10]. **Two-Finger** [LAFT12]. **Two-Level** [KBS11a]. **Two-phase** [QWZ⁺19]. **Two-scale** [DJM12]. **Two-Tone** [GKHF14]. **Two-Way** [TL19, YLHQ12, Aan18]. **Type** [OP10]. **Typeface** [PFC15]. **Typefaces** [ZWXL17].

ubiquitous [DGR⁺14]. **UI** [BEF17]. **UK** [LSF⁺11]. **Ultrasound** [MMG18]. **Unbiased** [SKGM⁺17, VCRG14, YIC⁺11]. **Uncalibrated** [SM11]. **Uncertain** [GRT19, GST14, OGHT10, OT12, PPH12, PRW11, PW12]. **Uncertainty** [BPF11, BMPM12, DCK12, LMK⁺15, OT12, PPH12, PW12, PH13, PKRJ10, SMH10, SSSSW13, STP17, TWD⁺13, WH17a, WBFvL17]. **Uncertainty-Aware** [BPF11]. **Uncertainty-guided** [SMH10]. **Unconditionally** [PK15]. **Unconstrained** [SLWSS15]. **Uncontrolled** [LWS⁺13]. **Uncovering** [JPN15, OKK13]. **Uncut** [YXHH18]. **Undersampled** [BS12b]. **Understanding** [ACC15, BHR17, CKE⁺12, HAGO19, LCSS19, RLP10, TFA⁺11, ZZZ⁺19]. **Undistort** [BCN11b]. **Unfolding** [TWS⁺11]. **Unfoliated** [LDY10]. **Uni** [MFW18]. **Uni-directional** [MFW18]. **Unified** [KL19, RCB⁺17a, SLZ⁺19, SGSP15, TL16, TWT⁺16, WWT⁺16, YC19, YMJ⁺17, YDT⁺18]. **Uniform** [DSWH17, GPM⁺18, CCT12]. **Uniformization** [LGW18]. **Uniformly** [GO15]. **Unifying** [MDI⁺18, OVB⁺15]. **Union** [MKU15]. **Unit** [BMS⁺10, JH12]. **Universe** [ACS⁺17]. **Unobtrusive** [KÓOH13]. **Unorganized** [AJA11, JBG19, OM13]. **Unoriented** [CCLN10, KJT14, WYZC13]. **Unprojected** [WLT⁺17]. **Unreported** [GUS12]. **Unrestricted** [LKSD17]. **Unsharp** [TMHD12]. **Unsigned** [MDD⁺10]. **Unsteady** [GKKT13, KSW⁺12, KG19, PPF⁺11]. **Unstructured** [BM16, DLD12, PSHZ⁺15, ZSS17, Kur15]. **Unsupervised** [GFK⁺19, LVV18, NJC⁺19]. **Untangle** [EASKC18]. **Untangling** [YMJ⁺17]. **Update** [GGV⁺19]. **Updating** [LTX⁺14, ZSW⁺10b]. **Uplift** [CBC⁺16]. **Upper** [vBE11]. **Upper-Body** [vBE11]. **Upsampling** [DER⁺10, JH19, JWH⁺19b, RSD⁺12, Tok15a]. **Uptake** [DHS⁺13]. **Urban** [ABCN10, BWK14, BSK⁺17, KBWS13, MKMA19, MWA⁺13, NJGW15, NGDA16, PW17, PSC10, PDV⁺15, VAW⁺10, VKW⁺12, WXR⁺16, ZSJT19, vKvLV13, GDAU14]. **Usability** [CKE⁺12, GEY12, KGP⁺12, NW13]. **Usage** [SO12, SSSG16, TSdSK13]. **Use** [CJP⁺19, KPK10, LW18, SR19, SNJ⁺14]. **Used** [SJL15]. **User** [AP10a, APM⁺11, ATF12, BAAR14, BZL⁺18, CHH⁺19, CCH⁺14, DKMT18, DBB⁺18, HK12, JTRS12, KBL19, KSG⁺15, LCUR14, MFNP13, RC19, RPA⁺15, SWS12, SPSK13, XBL⁺18, YPF19]. **User-Assisted** [BAAR14]. **User-based** [CHH⁺19]. **User-Centered**

[BZL⁺18]. **User-Controllable** [AP10a]. **User-Controlled** [KSG⁺15]. **User-driven** [MFNP13]. **User-Guided** [DBB⁺18, RC19, KBL19]. **Users** [BCBL13]. **Using** [ABD10, Áfr12, AKMM11, AMTMH12, APM⁺11, AHMAM15, ACC15, ADN⁺17, BLP10, BLY⁺11, BDF⁺14, BPGF11, BPKB14, BJB⁺18, BFG⁺17, BMB⁺18, BBDA10, BAO⁺19, BMB15b, BTM⁺19, CRGZ10, CCW12, CG17, CCC17, CKL14, CNS⁺11, DZCC19, DSH⁺17, DBS⁺11, DJM12, DZC11, ECN14, FKE13, GP12, GPK⁺12, GAWJ15, GSW12, HCDC18, HTG14, HSS17, HL13, HBO⁺10, HYL⁺15, JYS19, JKK⁺18, KTN10, KÓOH13, KWÖG18, KMJE12, LLC11, LMLG15, LZL⁺15, LJL⁺18, LCG10, LJZX15, LMPD15, LCY⁺11, LKF12, LS15, MEMO14, MCH13, MbMYR15, MKMA19, MMG18, MSDK12, MDBS14, MJK11, MCB16, MJL⁺13, OJ15, PDV⁺15, PGK10, PNVS17, POCM19, RLH⁺17b, RLH⁺18, RHLH18, RKSA17, RL14, RL16, SM11, SLE17, SML15, SKR⁺14, SJ13a, SR19, SCR⁺18, SMM13, SASF11, SSSL14, SR14, SLCL19, SJF11, SSJ⁺10, SKMS18, TLFC16, UMK19, UWA⁺19, WTL15, WLT⁺17, WWH18, WHS⁺18]. **Using** [WLZX19, WHL10, WLZ13, WLI⁺12, WZ15, XL10, XSXM13, XXZC13, XHW⁺18, XXY⁺18, YSM19, YB18, YL10, ZWC⁺10, ZCZL13, ZZLX17, ZZ17, ZC18, ZVE⁺14, AMAM13, AMT⁺12, BSH12, BCN11a, BBB⁺18, BW13, BLD14b, BCGL18, BMM⁺15, BHMT13, BNH10, CML⁺12, CCM16, CLGS18, EAGA⁺16, FR11, FSTR13, HFM16, Hd14b, HMB17, HGA⁺10, HHGJ15, HJS⁺17, HSK14, HSKS18, IFDN12, Jac19, JBG17, JGH11, KPNS10, KS14, KS10, KHI⁺19, KYM19, KKB18, KBÖ⁺14, LBK14, LPSV14, LK17, LVV18, LWL⁺16a, LMG⁺18b, LLLY19, LGK16, LIK19, LSWW11, LBBC14, LLC19, MSW10, MP12a, MSAP15, MSHD15, MGC⁺16, MMV⁺13, NNRS15, OAO11, PGKS17, RKGS18, RRS12, RMZ13, RS19, SNA17, SPB⁺17, SRK13, STKD12, SC10, SBLC17, SPF⁺19, SARZL10, TM13, VMTS10, WTTM15, WGK⁺19, WZCF15, XTZ19, XSX⁺14, YI10, ZCK17]. **Utility** [DCK13]. **Utilizing** [YKS⁺19].

V [CWGvW19]. **V-Awake** [CWGvW19]. **Valence** [KKL16a]. **Valence-Arousal** [KKL16a]. **Valent** [RKSA17]. **Validation** [CMF18, KQR⁺19, PBK10, SAMG14, SNA17]. **Valley** [WZL⁺12]. **Value** [SHF13]. **Valued** [HW10, PDV⁺15]. **Vancouver** [IC11]. **Variability** [FKRW16, HAGO19, PRW11, RJT18, SSSSW13]. **Variable** [AVR10, KGR⁺16, OBGB11, SSDK12, WT11]. **Variance** [LPG13, SHSK16, SMJ17, YDF⁺10, YB18]. **Variants** [HV10]. **Variate** [CDS16, HWF⁺17, KKS⁺12, KZZM12, PSPM12, STMT12]. **Variates** [SKMS18]. **Variation** [EBC17, HCW17, HO17]. **Variational** [AJC11, BF15, HW16, JTSZ10, NC10, PR19, SSW14b, WYZB14, ZZH15, NW17]. **Variations** [CDM⁺17, JTRS12, LBH12b, ZLMM16, ZCOM13, LT17]. **Various** [KS12b, MJK17]. **Varying** [BRM⁺16a, DKG15, DBS⁺18, FL19, KGK19, LVV18, MHRK19, PR12, WRS⁺13, XGDC17, YLRC10, ZC18, MAG19, TCM10]. **Vascular**

[BGCP11, KBT⁺12]. **Vase** [BCRA12, TOZ⁺11]. **VBTC** [KGR⁺16]. **VCBM** [WBP11]. **VDub** [GVS⁺15]. **Vector** [ABCCO13, BCBSG10, BPKB14, BSEH17, CYY⁺11, COC15, DHP⁺19, DZC11, FKSS13, FKS⁺10, GRT18, GKKT13, GT16b, GG17, HKD15, HFM10, HG18, HLH⁺16a, HWK15, HRS18, JA18, JCW11, Jes16, KG19, LTKD15, LJLH19, LKG⁺16, OGHT10, OT12, PPH12, PDV⁺15, SW10, SFL⁺16, SBCBG11b, Szy11, SBL12, TBP18, WRS⁺13, WLZT18, CFGL16, Lie17]. **Vector-Based** [LTKD15]. **Vector-Valued** [PDV⁺15]. **Vectorial** [PJSH15]. **Vectorising** [RLMB⁺14]. **Vectorization** [GZH⁺19, KWÖG18, NS19, WZG⁺19]. **Vectors** [FKS⁺10, GRT18, HS19, JKLS10, MSS⁺10, POS⁺11a, SRWS10, SK10, XM15]. **Vega** [SSB13]. **Vehicle** [CWL⁺15]. **Velocity** [RCB⁺17a]. **Velocity-Based** [RCB⁺17a]. **Ventricle** [SSM12]. **Verification** [CWS⁺17, WFZ⁺15]. **Versatile** [ATO17, SSN18]. **Versatility** [SHD15]. **Vertebral** [ZVE⁺14]. **Vertex** [KBS11b, MTAM12, NB15, WHD17]. **Vertically** [SM10]. **Vertices** [PPT⁺19, MM18]. **Vessel** [MMV⁺13, WVV11]. **Vessels** [LGP14]. **VFX** [ATO17]. **Via** [CDM⁺17, Deb18, DFY14, LGW18, ADG19, BPY16, BS12b, BBIG17, BSH15, CK14, CCC⁺14, CYI⁺12, CK11b, COC15, CRA⁺17, DH16, GHX⁺17, GSZ11, GZH⁺19, HL19, HFL12, HZF10, HG13, HKM15, IEKM16, JJKL18, JKJL18, hKTL⁺17, LKC⁺12, MCHW18, Man16, MJBC13, MC17, MAM14, NO17, NMR⁺18, OMPG13, PWS12, PW17, RBC14, SXY⁺11, SAD⁺16, TXL⁺19, TLRB18, TLH19, WLL⁺17, WCB15, WGH⁺19, XXLX14, YXHH18, YHL⁺16, YWY10, YWHB18, ZCW⁺19, ZZZ⁺19]. **VIAN** [HBRFP19]. **Video** [ASL⁺19, AWC010, BAAR14, BKY⁺16, BZBM⁺16, BIZ18, BHW11, BCK⁺12, BTS⁺17b, BCD⁺12, BMS⁺12, CRC⁺15, CCM16, CWL19, CPZ⁺15, DZD⁺16, DTV15, DRA10, DPD⁺17, EWMU13, GVS⁺15, GO10, GO15, GHK⁺10, GCW15, GKHF14, GTK⁺12, GPR⁺15, HML⁺19, HCBW19, HGB⁺10, HZF10, HZZ11, IY10, IS15, JCK16, JWJ⁺13, KR19, KS10, KrJC⁺11, KGAC15, KGRG17, KYC16, KHW13, KK11b, LCC⁺17, LJH10, LP15, LJZX15, LLN⁺14, LLCZ16, LLB⁺10, LLX⁺11, MD19, MBDC15, OAO11, PCDS12, PWS12, PSHZ⁺15, PNVS17, RKGS18, RSD⁺12, RWSG13, SGMG17, SLWSS15, SDK⁺15, SPK10, SHS⁺17, TX16, TZD11, TMH11, WZH13, WBM⁺18, XL10, XHW⁺18, YSM19, YXHH18, YPL19, ZTW⁺12, ZZH15, ZLSW17, ZZLX17, CVCH14, EMU17, SBB14, SPCR14]. **Video-Based** [ASL⁺19, BCD⁺12, CWL19, GHK⁺10]. **Videos** [BO19, CCM16, GTK⁺12, GPM⁺18, LJH10, LTK12, RSD⁺12, SBE19a, WPY⁺19, XTZ19, ZLSW17, ZCT18]. **View** [BGCP11, BBP10, CWL19, FNH⁺17, GPK⁺12, HREB11, KTKM19, hKTL⁺17, KMB⁺17, KBLE19, KBK13, LL19, LFYX19, NPDD11, REH⁺11, SE19, SBD15a, WBCGH11, WLI⁺12, XXS⁺15, ZZH15, DGR⁺14, GSC18, LSR17, LJL⁺18, SM10]. **View-Adaptive** [REH⁺11]. **View-Dependent** [GPK⁺12, KBK13, NPDD11, SBD15a]. **Viewing** [ALA⁺18, AWC010]. **Viewpoint** [HVH⁺16, LLB⁺10, TWC⁺16]. **Views** [BRM⁺16a, CCC⁺14, EHT18, EAGA⁺16, HSH16, RSM⁺16, RAmB⁺19, SS16, SLC⁺19]. **VIMTEX**

[DKG15]. **VIPS** [ZCZL13]. **Viral** [SCD⁺16]. **Virtual** [AJL⁺11, AWCO10, CKE⁺12, DDH⁺18, FVHK17, GPMG10, GHB⁺17, KL14, KKK18, KAS⁺19, LLB⁺10, MGG⁺10a, MKMA19, MCG⁺19, MCB16, MJL⁺13, NNDJ12, PP10, RKRD12, RPA⁺15, SLE17, SOC19, SRK13, STKD12, SWML10, SGYF11, STBB14, SPV⁺10, Tok15b, VVE⁺10, VGS⁺19, WC16, YJD⁺18, dSNV⁺17, JPCC14]. **VirtualDesk** [FFN18]. **Vis** [BAO⁺19, VMH⁺13]. **Viscosity** [WKBB18]. **Viscous** [HLL⁺12, SKK10, TDF⁺15, TL19]. **VisFM** [LB19]. **visibilities** [WZC⁺11].

Visibility [AWJ13, BELD13, BLD14b, BJFadH19, Bru19, EJFadH13, LMS⁺16, LPK13, MAAG12, NBMJ14, OPP10, PGSD13, UFK13, WV11, WGK⁺19].

Visibility-Aware [BJFadH19]. **Visibility-Driven** [Bru19].

Visibility/Sampling [BELD13, EJFadH13, UFK13]. **Visible** [Hd14b].

vision [DMCN⁺17]. **vision-based** [DMCN⁺17]. **Visitors** [LBK14]. **Vismon** [BMPM12]. **VisRuption** [RPMO13]. **VisTrails** [SASF11]. **Visual** [AASB19, ARLC⁺13, ARRO⁺17, ABW⁺15, ASB⁺17, AHG⁺19, ACAA⁺19, AAS⁺16, ALA⁺18, BEF17, BAT11, BLY⁺11, BH19, BDF⁺14, BSW⁺14, BHR⁺19, BSBE17, BCBL13, BBBL11, BvLBS11, BTB13, BJA⁺15, CWGvW19, CHH⁺19, CD18, CGM19, CBK⁺17, CKGC14, CSG⁺18, CWB⁺14, CWL⁺15, CLY17, CE19, CJP⁺19, CAB⁺16, CLWM11, CWS⁺17, DCK12, DI18, DPD⁺15, DPD⁺17, DWT⁺11, EASKC18, ERT⁺17, FKRW16, FVHK17, FAFM19, FEM⁺19, GVS⁺15, GOH⁺10, GLG⁺16, GHWG14, HBRFP19, HRD⁺15, HK16, HSK⁺10, HJM⁺11, HS17, HMP⁺12, HBO⁺10, HSH16, HGRS⁺17, HC14, HF16, HHD⁺12, IUDN10, JWC⁺11, JFCS17, JE13, JvdGMR19, KRD⁺15, KCJM16, KFH10, KBHM15, KH18, KMJE12, KCA⁺16, KvLB14, KGGP18, KLK17, KWS⁺15, KFM⁺19, KVD⁺10, KKL⁺16b, KHI⁺19, Lav11, LCSL18, LKC⁺12, LKZ⁺15, LSS⁺12, LWPL15, LB19, LJH13, LMHH14, LWT⁺15, LJLH19, LGH⁺17, LRB⁺15, ME13].

Visual [MHK⁺19b, MRL⁺17, MMNG17, MDI⁺18, MLD⁺18, MHHH15, MHDG11, NWHWfD16, NNN11, NHL16, OJS⁺11, OSR⁺14, OJMN⁺19, OAM⁺18, PSPM12, PGS⁺16, PJR⁺14, PZDD19, PMD12, PBK10, PPBT12, PEPM12, PDW⁺14, PH17, Pos11b, RSM⁺16, RvdHD⁺15, RCMM⁺16, RCMA⁺18, RPK⁺12, RMM15, RWS⁺10, RPSF15, RHM⁺12, Ros13, SAMS⁺17, SGS18, SPB⁺17, SRM⁺19, SvW13, STMT12, SA15, SPF⁺19, SHP⁺19, SHK15, SvL16, SBM⁺14, TPRH11, VCL⁺11, VHG⁺18, WHC15, WDC⁺10, WG11, WKS⁺14, WSK⁺19, WCH⁺15, XDC⁺13, YXX14, YPF19, ZAM⁺16, ZCW⁺19, vdEvW13, vLKS⁺11, GBM⁺19]. **Visual-Interactive** [BHR⁺19, BSW⁺14]. **Visualisation** [KK17, MJK11, PKE15]. **Visualising** [GKPL11, ST18, BRM⁺16a]. **Visualization** [ARLC⁺13, ARH12, AHR13, AKV15, AMA⁺16, AFK⁺14, APM⁺11, And10, ABCN10, AH11, BHRD⁺15, BMH⁺12, BAT11, BLY⁺11, BAA⁺16, BBDW17, BBB⁺18, BBR⁺16, BBK⁺18, BWH⁺11, BHP15, BPKB14, BBBV12, BKR⁺17, BSK⁺17, BMPM12, BCD⁺12, BMB⁺18, BBBL11, BRB⁺13, BCN11b, BM10, BJG⁺15, BTM⁺19, CRY11, CNCO15, CBC⁺15, CSFP12,

CYY⁺¹¹, CYI⁺¹², CJP⁺¹⁹, CY11, CWM19, CY14, CCH⁺¹⁴, CKS⁺¹⁵,
 CBKK⁺¹⁹, CWG11, CR16b, DCK13, DKG15, DAF⁺¹⁸, DMNV12, DKMT18,
 DPD⁺¹⁷, DHS⁺¹³, DWT⁺¹¹, DvKSW12, DBS⁺¹¹, ELM⁺¹², EGG⁺¹⁵,
 ENSD12, ELPH19, EPAS11, FKE13, FR11, FFN18, FL19, FE17, FMH16,
 FM15, GOPT11, GRE11, GKLS19, GSE^{+14a}, GGM12, GKPL11, GRDE10,
 GSE^{+14b}, GRT14, GT15, GKT16, GT16a, GT16b, HPK⁺¹⁶, HJM⁺¹¹,
 HW10, HLH^{+16a}, HBW11, HVH⁺¹⁶, HMP⁺¹², HVVR18, HSJW14,
 HYL⁺¹⁵, HWK15, HGB⁺¹⁰, HSH16, HRS18]. **Visualization** [HPvU⁺¹⁶,
 HC14, HLJ⁺¹³, HKL17, HGH⁺¹¹, JC10, JBMC10, JWC⁺¹¹, JGH11, JPN15,
 KARC15, KSW⁺¹², KKS⁺¹², KARC17, KCL⁺¹⁸, KKTD17, KGP⁺¹²,
 KMA⁺¹⁹, KMJE12, KvLB14, KS18, KKF⁺¹⁷, KASH13, KMM⁺¹⁸, KVD⁺¹⁰,
 KBT⁺¹², KFR⁺¹¹, KKL^{+16b}, KPK18, KHW13, KW18, LCSS19, LDB11,
 LH11, LBK14, Lar10, LGP14, LKEP14, LSBP18, LVPI18, LPSV14, LMS⁺¹⁶,
 LCC⁺¹⁷, LCP⁺¹², LKZ⁺¹⁵, LT16, LCB⁺¹⁸, LMG^{+18a}, LS16, LFK⁺¹³,
 LFS⁺¹⁵, LBPH10, LBH12a, LLC⁺¹², LCD10, LWT⁺¹⁵, LSB⁺¹⁷, LFC14,
 LTC18, ME13, MK11, MGM⁺¹⁹, MRL⁺¹⁷, MLP⁺¹⁰, ML17, MG10, MC10a,
 MKP⁺¹⁶, MVB⁺¹⁷, MC14, MMV⁺¹³, MSK14, MRL10, MP10, MHDG11,
 MKRE16, NW13, NNN11, NJB⁺¹¹, NLB⁺¹³, NSM19, NHG19, OJS⁺¹¹,
 OSR⁺¹⁴, OAJ14, ODS18, OLF⁺¹⁴, OGHT10, OBCCG13, POS^{+11a}, PSCC18,
 PSCN10, PJR⁺¹⁴, PEP^{+11a}, PVS⁺¹⁸, PFH⁺¹⁸, PRW11, PW12, PDC⁺¹⁹].
Visualization [PTA⁺¹¹, PPF⁺¹¹, PEP^{+11b}, PEPM12, Pos11b, PWH11,
 PH13, PBC⁺¹⁶, PKE15, PKE17, RvdHD⁺¹⁵, RHS⁺¹², RL19, RKRD12,
 RRS12, RLH17a, RWS⁺¹⁰, RPLH11, RMH⁺¹⁸, RG19, RHM⁺¹², RPMO13,
 RSSL17, RMF12, SMH10, SM11, SE19, SAMG14, SCD⁺¹⁶, SGS18, SH14b,
 SKR⁺¹⁴, SMvdWvW15, SGM⁺¹¹, Sch11, SSSSW13, SGRT12, SEG⁺¹⁴,
 STKD12, SHCB15, SPH11, SASF11, STBG12, SvL16, SJL15, SGG15,
 SBM⁺¹⁴, SLSG16, SRG⁺¹⁹, SPT14, SHS⁺¹⁷, SMP13, SMB⁺¹⁷, Szy11,
 SBL12, TFA⁺¹¹, TLM16, TWC⁺¹⁶, TLFC16, TE10, TCM10, TGK⁺¹⁷,
 TPRH11, ÜFE10, VR12, VM12, VMH⁺¹³, WH17a, WZC⁺¹¹, WZL⁺¹²,
 WK12b, WFZ⁺¹⁵, WT17, WG11, WKS⁺¹⁴, WGS10, WHT12, WHP⁺¹¹,
 WPH⁺¹², WAF⁺¹¹, WPW⁺¹¹, WTLY12, WCH⁺¹⁵, WBFvL17, YMM10,
 YBK⁺¹², YLRC10, YWTY12, ZLM⁺¹⁵, ZM16, ZCH⁺¹⁷, ZLSW17, ZZLX17,
 ZWRH14, ZRLS19, ZOM19, ZAD15, dHvPJV14, vDHO16, vGPNB17].
Visualization [vPJtHRV12, vPGL⁺¹⁴, vdCAvW14, vdZLBI11, CKS⁺¹⁶,
 TWMSK18, DKG15, CS16, HLH^{+16b}, KM16, Kuh12, TLM16].
Visualization-Based [BSK⁺¹⁷]. **Visualization-Guided** [FMH16].
Visualization/NPR [CS16, HLH^{+16b}, KM16, TLM16]. **Visualizations**
 [BDA⁺¹⁷, BEF17, BJG⁺¹⁵, CDA⁺¹⁴, GT15, KLK17, MP10, MHDG11,
 OJS⁺¹¹, OJ15, PH17, SLB⁺¹⁸, SS16, SSKB15, SSK16, SH14a, TLW⁺¹⁹,
 WWL⁺¹⁹, WV11]. **Visualize** [KGM⁺¹⁰]. **Visualizing**
 [BKW13, BHW17, CJP⁺¹⁹, CKE⁺¹², DPF16, FR11, FSTR13, GKL17,
 GOB⁺¹⁰, HJS⁺¹⁷, KLS⁺¹⁷, LBK14, LMK⁺¹⁵, LKD⁺¹⁷, LMSF19, LFC14,
 MW18a, MSFM16, NMSL19, OBH⁺¹¹, PRW11, PKRJ10, RW18, RTJ⁺¹¹,
 RGG18, SAMG14, SCD⁺¹⁶, SAAF18, SMM13, STP17, SSSG16, VBAW15,

VBW17, WRS⁺¹³, YWS⁺¹⁴, ZFAQ13, ZFA⁺¹⁶, ZSJT19, ZLMM16].
Visually [CJP⁺¹⁹, DW13, GLCC17, KFR18, SHS⁺¹⁷]. **Visualnostics** [LKZ⁺¹⁵]. **Vivid** [ZCX19]. **ViviSection** [KMS⁺¹³]. **Vivo** [DHS⁺¹³]. **Voids** [BJG⁺¹⁵]. **Volume** [AFK⁺¹⁴, AAS⁺¹⁶, BAT11, BHP15, BHH13, BM15, BRB⁺¹³, BM10, BES15, CNCO15, CCLN10, CK13, CR16b, DMNV12, DC10, ENSD12, ER18, EPAS11, FE17, Fre18, FMH16, GM19, GGM12, GHB15, IY10, IYS⁺¹³, JSYR14, JKK⁺¹⁸, KPNS10, KMS⁺¹³, KMAB15, KVS⁺¹⁴, KWN⁺¹⁴, KUMY10, LBH12a, LCD10, LWBP14, LA15, LCDW16, LKG⁺¹⁶, MMF10, MB18, MC10a, MRL10, NL18, ND12, PRW11, PWH11, RHS⁺¹², RRS12, RPLH11, RGG⁺¹⁴, SGM⁺¹¹, ŠPBV10, SBS⁺¹⁷, SS15b, SGG15, SJF11, SMP13, TOZ⁺¹¹, TWC⁺¹⁶, TCM10, VCRG14, VGB^{+14b}, VKJ⁺¹⁷, VHB16, WZL⁺¹², WK12b, WTL15, WCB15, WGS10, XSE14, ZM16, ZC18, ZR13, JZW14, LN17, LN18, WZC⁺¹¹]. **Volume-Aware** [TOZ⁺¹¹].
Volume-of-Fluid [CK13]. **Volumes** [AMS16, CK10a, CIE⁺¹⁶, CLS16, DS11b, ESRT13, GMAG15, HRRR18, IYS⁺¹³, JRJ11, KMS⁺¹³, KYM19, NRP11, PPL13, SKZ11, SHZD17, TWC⁺¹⁶, VMTS10, WOH13, WW11, WTYH18, XYM13, ZH14, MAG19].
Volumetric [ACAA⁺¹⁹, FBL16, GD10, GSZ11, GSW12, JRJ11, JJKL18, JSYR14, KKK18, LZQ13, MHK^{+19a}, MRAS17, NGHJ18, SJP⁺¹³, SVLL10, SKZ11, SFL19, XSE14, YCL⁺¹⁷]. **Voronoi** [BPY16, ERA⁺¹⁶, EDPB15, HHA17, LLW12, Man16, NB12, PPT⁺¹⁹, QYZ17, QCW⁺¹⁸, SNA17, WHWB16, XLS⁺¹⁴, NL13, PPL13]. **Vortex** [GT18, HGH⁺¹¹, MKP⁺¹⁶, OT12, ZDM⁺¹⁴]. **Vortical** [ZYF10]. **Vorticity** [HL13]. **Voting** [ATCO⁺¹⁰, SAD⁺¹⁶, TWC⁺¹⁶]. **Voxel** [Áfr12, BLD14a, CNS⁺¹¹, DKB⁺¹⁶, GGM12]. **Voxelization** [Lai13, LMMCO17, YFL19]. **Voxelized** [HL19]. **Voxels** [CCC17]. **VPLs** [SHD15, TH17]. **VR** [GPM⁺¹⁸, LCC⁺¹⁷, XTZ19]. **vs** [DBS⁺¹⁸].
Vulnerability [CKS⁺¹⁵, KBHM15].

Wake [PHTB12]. **Walk** [BPVR11]. **Walkability** [MKMA19]. **Walking** [CK11a, XLL⁺¹⁰]. **Walks** [SR14]. **Walkthroughs** [PSC10]. **Wall** [DJSJ19, GHB⁺¹⁷, KKTD17, MMP16, NLB⁺¹³]. **Wang** [DJSJ19]. **Ward** [GMD10]. **Warping** [BMS⁺¹², CSD11, CG16b, KWSH⁺¹³, LSR17, NREM14, RRS12, SC10]. **was** [AKMM11]. **Watch** [RKGS18]. **Water** [BSW10, KL19, PHTB12].
Watercolor [PPW18]. **Waterfall** [EPCV15]. **watermarking** [YI10].
Watertight [vKvLV13]. **Wave** [EBR⁺¹⁴, KL19, MMRO13, OKG⁺¹⁰, VWH18, WND⁺¹⁴]. **Wave-Optical** [VWH18]. **Wavejets** [BDC18]. **Wavelength** [WND⁺¹⁴]. **Wavelet** [BLY⁺¹¹, CDS16, DYFX19, HA17, MS11a, MP12a, RLH^{+17b}, RLH⁺¹⁸, WMB15].
Wavelet-based [BLY⁺¹¹]. **Wavelets** [HDL11]. **WaveMap** [BLY⁺¹¹].
Waves [JK13]. **Wavy** [EKFM12]. **Way** [TL19, YLHQ12, Aan18].
Waypoints [ZFA⁺¹⁶]. **Waypoints-Constrained** [ZFA⁺¹⁶]. **Weak** [AGCO13]. **Weather** [DPD⁺¹⁵, DPD⁺¹⁷, RG19]. **Weathering**

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