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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,

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]. **Archaology** [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**

[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, MESG11, 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, KGK19, 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].

[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, RLGH15, 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].

[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, KKBJ16, 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, CFGL16]. **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].

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, BKPB17, CCM16, CJZW12, CG16b, CCTL12, 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, OBGB11, 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].

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, HGNH17, 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, HGNH17, HGP+19, MVZ16, RLH+17b].
Gradient-Guided [SBE19b]. **Gradient-Index** [CRGZ10].

[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, MESG11, 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].

[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** [AYWM14, 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, LXFW11, 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**

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, NWHWfD16, 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, HČA+12, JC10, JWC+11, Lav11, LGK16, PR12, RKSA17, TAEE16, 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, HKSK18, 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**

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, BPFG11, BSW+14, BHR+19, BCD+10, BFG+17, HV10, KFH10, 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,

[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, BPFG11, 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, EBGM12, 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,

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, LJL+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**

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, MWW16, 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, HČA+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, LXFW11]. **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**

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, HHNČ19, 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].

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**

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,

HNJ+14, HKSK18, 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].

[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, BPFG11, 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, SSLL14, 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, HKSK18, 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**

[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, WVV11, 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,

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