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2 [BKLP16, BHR13, BSW02, BSM+07, DBB+17, EPD09, GIZ09, HGRT04, Hi87, HDK07, JSKJ12, KFCO+07, LT09, LPL+17, LHVT17a, LHVT17b, Mai92, RMD12, SLV+13, Shn92, XCS+14]. 2.5 [RID10]. 3 [AKZ+17, AL13, ALX+14, AXZ+15, AZB09, AAR05, AIH+08, ARS14, BVF+17a, BIP01, BP07, BSS+11, BSK+16, BBN+12, BVG11, BGK+13, BWSS12, BVS16, Bly06, BSM+07, BR07, BAU15, BATU18, CCA+12, CB04, CWLZ13, CMZP14, CK10, CKGK11, CGF09, CSPF12, CZS+13, CLD+13, CZL+15b, CKIW15, DNZ+17b, DNZ+17a, DS15, DTP15, DLSCS08, DSAF+13, DHL14, DDP02, ESCK16, EBGB14, EDF+16, EPD09, ESZ+17, EM96, FZBR16, FJL+16, FH10, FR+12, FSL+15, FMK+03, GDAB+17a, GDAB+17b, GZW+16, GZC+16, GIZ09, GM05, GF08, GGS03, GTDS10, GKK+12, GWN+03, GWB05, GFD+12, GRT13, GZC15, HGRT04, HGY17, HASK17, HK18, HLHR09, HLZ10, HDK07, HMC11, HLV+17a, HLV+17b, HTWB11, HCTW11, HMT+15, HDGN17, Hud92, HOM15, IBP15, ICG17, JTRS12, JBM+17, JLF+09, JZH07, KMM+02, KHS10, KH06, KSH+14, KDM+16, KDR+16, KDW+17]. 3 [KSES14, KMYG12, K+12, KRD+12, KLM+13, KKL+16, KTL+04, KDMW17, KSS+15, KS04b, KYC+17, LMS13, LHW+10, LRAT08, LHKR10, LCXS09, LOMI11, LRA+07, LACS08, LSH+10, LVG+13, LCOZ+11, LYC18, LOW18,
LGJA09, LWCT14, LHLF15, LKG+03b,
LFL09, LvBK+10, LSZ+14, LBRM12,
MLZ+16, MWH+13, MSHS06, MPN+02,
MP04, MAN+16, MTN+15, MSS+17,
MGP10, MGP06, MYW+15, MLS+18,
NAH+18, NISA07, NRDR05, NZIS13,
OHB+11, OLGM11, ONO04, Par17,
PMW+08, PK05, PXW18, PZ17, PRM14,
P90, PSG+06, PWLS13, RSL16, RSI+08,
RDI10, RHHL02, RMBB+13, SS14, SCH+14,
SLV+13, SSGS11, SBR+15, SHL+17,
SF07, SSS+08, SARW+15, SSS06,
SDW+16, SVB+12, SQRH+16, SSK+17,
T16, TDM11, TS08, TFK+03, TMB14,
VVC+15, VSHJ12, WBF+17a, WBF+17b,
WAO+09, WWY+13, WGW+13, WSX16,
WLG+17, WLY+18, WLTY17, WHR11,
WDB+07, WSW+12, WQZ+18, XLF+11,
XIA+17, XZT+09, XZZ+11, XZCOC12.
3 [XCF+13, XCS+14, XZ+16, Y17, YSL+14,
YSC+16, YLJ18, YWS+11, YKC+16,
YXZ+18, YSHW16, ZLP+17, ZAC+17,
ZWK14, ZSW+10, ZSMS14, ZK14, ZZCJ13,
ZPKG02]. 360° [Kop16, LLZ18].
4 [Che13, DKP+16, HTCH15, IGP+17,
LHG+09, LBB+17b, MPDW03, P904,
PMPBH17, RAWV08, YMRD15]. 5
[BSS+13, OHX+14]. 6 [HMT+15]. 2 [LZ04].
° [JMY+07]. 4 [SMG+05].
2 [MP09, Pet89, SW05]. 3 [EPM+14], ϵ1
[ASGC010]. G1 [LFS16, Sar00]. G8 [PU06],
γ [CXW+05]. K [FLHCO10, TS12, Ts15,
EPM+14, MSDL17, YSW+17]. L0
[HIS13, XLJ11]. L1 [BYH15, HWCO+13,
PMA+14, HJS+14, WYL+14]. Lp [LL10].
N [RLV08, RS14b, BSEH18]. Q
[2LH17a, LH17b]. r [DS92]. R3 [Sar00]. s
[SR00]. SO(3, R) [CGM11]. T [MPKZ10].

*Cages [GCP13].

-analysis [WYL+14]. -Based [HJS+14].
-Clustered [Ts15, TS12]. -curves
[YSW+17]. -D [BR07, Hil87, Mai92, Shn92].

-dimensional [EPM+14]. -direction
[PS04]. -DOF [HMT+15]. -Learning
[KLH17a, LHV+17b]. -medial [HWC0+13].
-meshes [MPKZ10]. -nearest [MSDL17].
-power [SR00]. -set [FLHCO10]. -Sets
[DS92]. -Sparse [ASGC010]. -Sweep
[CZS+13]. -Symmetry
[BSEH18, RS14b, RVLL08]. -ton [CXW+05].

2 [MRH11]. 2-manifolds [Man86]. 2PAC
[TFD+18].

360 [JMY+07]. 3D [WW82].
4 [BAM13]. 4-points [AMCO08].

5DOF [WPGM16].

6D [FRSL08].

A-Patches [BCX95]. AA [AHD15].
aberration [CLS+17, WLM+15].
aberrations [HLBR12, HWBR14, POAR12].
ABF [SLMB05]. absolute [KS04a].
asorbent [CT05]. Absorption [BBS14a].
Abstract [KK91, Y10]. abstracted
[LMLH07]. Abstraction
[ACP+01, MZL+09, BSM+13, DS02, FLB17,
LYC18, NSX+11, WOG06, YK12].
Accelerate [MHNT15]. Accelerated
[KGL16, BDT99, CW17, KB12, NPP+11,
PVL+05]. Accelerating [BJ10a, BKKL15,
LNLB16, RV89, LVS+16, Wan15, YPB16].
acceleration
[CLJ12, JLB05, MA06, PDZ+18, MA07].
Accelerometer [SH08, TSK+11].
Accelerometer-based [SH08]. access
[KCYW13, LSK+06, NH08].
Accommodation
[KPM+17, KBBD17, CLS+17, MWH+13].
Accommodation-invariant [KPM+17].
account [CLC96]. accuracy
[CKH18, LDS02]. Accurate
[GM09, GGHS03, MSHS06, SBN15, WZC12,
AB89, BWSK12, Gol02, LT09, LB06, War89].

**Algebras** [Duf17a, Duf17b].

**Algorithm** [CG89, Day90, EP091, HA92, KM97, LMR83, LM97, Mey91, MPB17a, PF89, Sah18, Sai98, SG82, SO92, WS85, Zyd88, AAM03, BCRK +10, BSFG09, CS00, EKA84, EPD09, GI04, GMP09, GD04, LZF10, MBP17b, RSH05b, SYBFO6, SOA11, SSB03, WX09, XCM +14, YXH14].

**Algorithms** [Bak94, CMS95, CLS85, DGHM93, Dun83, EM90, Jan91, Kla91b, Kro82, MD94, MST89, RV89, VSN5, EKA84, HDN +16, KW03, LJJH11, RKAP +12, Spr82, WDB +08]. alias [SOA11]. alias-free [SOA11]. aliasing [Tur82, BAM13, HSD13]. Aligned [MLS +18, CPMS14, GDC15, HTWB11, JTPSH15, MWR12, MWRD13, MYR14, MPKZ10, MPZ14, PLS +15, STJ +17, TPP +11, XCOJ +09]. Alignment [HXM +18, LH +14, ARS14, BR07, CWTW17, HZM +08, SPK16, SRL +15, TPS +11, XCOJ +09].

**Analysis** [BBS14a, CM83, DKD +17a, EC93, KTP92, Kla91b, LLZM10, LTDD16, LDW97, Mai92, MOR +18, OG12, SPV +16, VFK +14, WMP +06, Wu92, YKGA17a, YZC +18, ZXTZ15, BHR13, BBB +14, BWWM10, CCOST05, DHS +05, DKK +17b, ETH +09, EHDR11, FKY08, FV06, GF08, HSTP11, HRV97, HvKW +16, HSS +13, HWK15, HHA +10, JSKJ12, hKPS03, KCGF14, LSD +16, LHH +09, LHH04, MC12, OK10, OHX +14, Par17,.PSC +15, PCHF18, RMB07, ST14, SJ17, SK13, TOS +03, WA +K +12, WGW +13, WYL +14, WLG +17, WW11, XHS +15, YKGA17b, ZTS09, ZN06, ZSJ +13, ZPPZ13, vKXZ +13], analysis/synthesis [TOS +03]. Analytic [Cas91, NL13, SSKK09, WR18, BLPW14, HW12, SRN05].


**Animation** [BC14, EMF02, EAPL06, HTPCH15, JW15, MMG06, RPC +10, SDN18, TBB +12, AHSS04, ASK +05, BKP16, BP07, BISP09, BJS +08, BCK +13, BWP13, BFA02, CTTF05, CWLZ13, CHZ14, CWW +16, CH05, CB05, DRvdP15, DYP03, DBB +17, ERI07, EGP02, FL04, FYK10, GB13, GMP +16, GRGC15, HYL12, HDK07, IkkP17, IWL09, JTCW07, JGGN15, KIL +16, KAL +17, ALM +18, NL +15, TOS +01, TOS +03].
KSKL14, KPMP$^+$17, KGP$^+$16, KFCO06, KCD09, LJ14, LYYB13, LWL17, LXC$^+$15, MCC09, MCP$^+$09, NZC$^+$18, NSCL08, NKAS08, NFJ02, OHBO2, OLSL16, PKA$^+$05, PB02, RP03, RP07, SSK$^+$11, SY05, SKSY08, SKM10, SKPO8, TKY$^+$17, TLP07, VBMP08, WP06, WAH$^+$10, WDAC06, WHRO10, WSXC16, WQLJ18, WBLP11, WSL13, YL10, YRPF09, YCZ11, YGM97, ZSCS04, ZM13, ZXL$^+$18, ZMCF05, ZBBB18, dSDP09.

Animations
[PM18, DLKS18, FJS$^+$17, GSKJ03, HOKP16, JT05, JFA$^+$15, KGO6, LP02, LMY$^+$13, ODGK03, cWP03, XWSY15, YKH04].

Animator
[ELFS16, ZXL$^+$18].

Animator-centric
[ELFS16, ZXL$^+$18].

AniMesh
[JGGN15].

Anisotropic
[ACSD$^+$03, BX03, BSTY15, FLSG14, GZD08, JGT17, LWSF10, LLR$^+$15, McC99, XSD$^+$13, CK11, JAM$^+$10, NSO12, PPTSH14, PLMR17, PTC$^+$10, PH15a, SJ17, TOH08, WZT$^+$08b, XLZ$^+$10, YT13, ZJ18, ZHLB10, ZWDR16, ZGW$^+$13].

anisotropy
[BLdG$^+$16, KFR04].

annealed
[DH96].

annotated
[YKC$^+$16].

Annotations
[AFO03, GIZ09, TFK$^+$03].

Anti
[Tur82, BAM13].

Anti-Aliasing
[Tur82, BAM13].

Antialiased
[BYRN17a, BYRN17b, YSLHI11, CS00, GT96].

antiradiance
[DSD07].

Any
[GRH$^+$12, GZ05, MWY15].

Aperture
[PC82, BCN08, GSM07, GWBG10, LFDF07, LCV$^+$04, LLW$^+$08, VRA$^+$07].

Apparent
[DER$^+$10, IM10, JDA07].

Appearance
[CBKM15, DBP$^+$15, DCP$^+$14b, DWMG15, HXM$^+$18, KSZ$^+$15, LH06a, SPSH14, VADWG15, WTL$^+$06a, AYL$^+$12, AP08, ATDP11, BUSB13, DCP14a, GXZ$^+$13, GTR$^+$06, JFA$^+$15, JSB$^+$10, KWN$^+$17, KRK11, KBC$^+$13, KFB10, LEN09, LDPT13, LKG$^+$03a, LDPT17, LSSS18, MWAM05, MDLW15, ODAO15, PL07, PLMR17, RPK$^+$12, SBDJJ13, SGM$^+$16, SLS$^+$16, WM14, XMR$^+$11, ZJMB11, ZJMB12].

appearance-driven
[PL07].

Appearance-from-motion
[DCP$^+$14b].

Appearance-mimicking
[SPSH14].

Appearance-space
[AP08].

Approach
[AP08].

Approaches
[Mil87, FH04b].

Approximate
[DYYT17, HLZCO14, LW15, McI83, NFD07, VFK$^+$14, AFO05, KCZ008, MS04, MGP06, MCK13, SSK$^+$05b, TL04, Wym05].

approximately
[CZM$^+$10].

Approximating
[Hab96, LS08, LSNC09, GI04, LYLL08, SOS04].

Approximation
[BWI93, LFZ15, TGBE16, Tsa15, BO04, CB17, CPWAP08, CH89, CSAD04, FD17, MCSA15, NRH03, PZM13, TGB13, TS06, TS12, WWS$^+$05, WYY$^+$14, WDB$^+$08, YLJ18, ZYWK08].

Approximations
[DLTW90, Tau94, BODO18, HW16, KFB10].

AppWand
[PL07].

AppWarp
[ATDP11].
Arbitrarily [HA92, KG06]. Arbitrary [EP091, LDW97, Sar00, Sei93, AFC+10, BVG11, BW13, GD02, GH98, HF06, POC05, Sta03, TZL+02, WZ14, WPQ16, YZ04, ZZV+03, ZJ12, ZWL+18]. arc [BPK+11].

architectural

[CKX+08, DAB15, EKS+10, KW11, LHL10, NSX+11, NHAH03, PKM+11, SSS+08].

Architecture [CFZ+18, FHL+18, Lev84, NKK+14, Wes88, YIO+15, AMS03, ASF+13, CTM13, DN02, DWH+11, JTC09, KKS18, LCOZ+11, LW90, PLW+07, SM15, SCS+08, WFH+07, WWSR03].

Architecture-scale [YIO+15].

Architectures [HMLB16, LSA05, LSH+10].


Arithmetic [KMN91, FV96, HSS08].

Arnold [GIF+18, KCSG18]. arrangement [YTY+11]. Arrangements [LHVT17a, FR+12, LHVT17b, MMBM15, SMZ+14, ZGZJ16]. array [HSHF10, VLD+13]. arrays [JMA06, LKK+16, SMH+11, WJV+05]. art [KYYL08, KL11, LHE+07, LEN09, LCL+17, MP99b, XZW10]. arterial [LLZM10].

Articulated [ACP02, AFP+95, TGLT11, TTT+17, VBM08, ZB94, BP112, CCA+12, CZ11, CBL+16, JLL11b, RG05, TK14, TOK14, ZRLK07]. articulation [JPG+14, JMD+07, KS12].

artifacts [ARNL05, CHM+12, GRBN09].

Artificial [PTSG09].

Artist [BKL16, BSM88, SSK+11, LRS18, SPJT10].

Artist-directed [BKL16].

artist-intended [LRS18].

Artistic [BTS09, CA10, NJS+11, RRS13].

artists [SLD17].

As-rigid-as-possible [IMH05].

ASCII [ZGW01]. assembled [DFZ+17].

assemblies [BDCDA11, JMM09, KTS+14, MYY+10].

Assembling [DPW+14, GSKJ03].

assembly [APH+03, CCA+12, CKGK11, DYY16, FSY+15, FL16, SLR+16, SFCH12, YNW16].

assembly-based [CKGK11]. Assessing [Erl18, SK13]. assessment [AMMS08, ACMS10]. assets [LS02].

assistance [LFTC13]. assisted [BP09, BPB13, ILB15, PB02, SARW+15, YIO+15].

associated [FCW+17]. asymmetric [CLQW08, VRM+18]. asymptotic [CZVX14].

Asynchronous [HVS+09, AVGT12, BAM13]. Atlanta [SSJ+11].

Atlanta [SSJ+11]. atlas [LPRM02, LVS18, PKC03].

atlases [CH02].

Atmosphere [Kls87].

atmospheric [KMM+17a]. atomic [Bel18].

attack [MLD+08].

Attention [YPG01, CLC14, PCLC16, XZS+16].

attention-directing [CLC14].


Attraction [BVF17a, AVF17].

attractiveness [HRZ+13, LCOIL08].

Attractors [TFD+18]. attribute [LYY+17, TSY09]. attribute-based [TYS09]. attributes [LRT+14, OLAH14].

attribution [ANO10].

audiosynth [LYGC15].

Audio [KAL+17, DZS08, EML+18, JMD+17, LLZ18, LXC+15, SSKS17, TGD04, ZXL+18].

Audio-driven [KAL+17, ZXL+18].

audio-visual [EML+18].

Augmentation [SSH18a, JS17].

Augmented [SMPZ15, SSJ+14, YCP16, ALK+17, BP12, GMW16, JBM+17, LM+16, LDT17, MGDB05, MLR+14, MKG17].

Augmenting [BBG+13, RPC+10].

auroral [BWRB05].

Author [ANO85a, AN090b, AN092a, AN093, AN094, AN095, AN096].

Authoring [ANO84, AN083, AN086, AN087, AN088, AN089, AN090c].

AutoCollage [RBHB06].

Autocomplete [RBHB06].

AutoCollage [RBHB06].

AutoTagging [RBHB06].

AutoTagging [RBHB06].
AutoConnect [KSS+15]. Autocuts [PTH+17]. autoencoder [CKS+17, KCW+18, YI17]. autoencoders [LXC+17]. AutoHair [CSW+16].

Automata [CLM+13, OS84]. Automated [Cas91, FZBR16, HK12, KG04, LACS08, LJIH3b, SLAY+08, DHL14, NMD+17, POTT17]. Automatic [AB89, APS+14, AFP+95, BP07, BPK05, CCL12, CYW+16, CLW+14, FNO89, GASKP0, GKT13, HMAM09, HEH05, KSH+14, KAB+10, LHM09, LdPS84, LYO+10, NAH+18, SWT14, SNFO5, VAZ9+09, WYY+14, YZW+16, BJ+12, CSW+16, CXY+15, DK09, HFT15, HZG09, ISS16, JBK+12, JTR12, LPRM02, LRFN04, LSH+10, LVAK1+14, MPB16, Pe105, RKK5+07, RCOLO9, Sha03, XLY09, XSTN14, YXT+11, YYTC12, BZL+17, MYH+10].

Automatically [LNL16, MSQ+18, MAS+16, BKD+08, DIO+12, RMBB+13]. Automating [LLN+14, Mac86, SG91].

Automorphicic [DSA+13, DD+14, EDF+16].

Autonomous [XZ+17, DE05, LX+18].

Autoscanning [XHS+15, WSL+14].

Autostereoscopic [MP04, SMG+05].

Auxetic [KCD+16]. auxetics [KLPCP18].

Avatar [HSW+17, IBP15]. avatars [BBG+13, CWW+16, LCR+02, SQRL+16].

AverageExplorer [ZLE+14]. Averages [BF01, PBDSH13]. avoidance [KOOP11].

Avoiding [Fat09a]. Aware [MJG18, T2S+18, AFAC07, AS07, BWKS11, CAC09, CPDO7, CLMK17, DAD+18, DLS508, DRE+12, EMU15, ESZ+17, FFL10, FSGF16, GO11, HPSZ11, HWG+13, KHI10, KRIK11, LPK18, LSP+16, LLZ18, LVC18, LWC14, LW1H15, LFJG17, LXS+18, LGG+07, LSC+12, LLRI13, MLPP09, PQW+08, PHK11, PLR+16, PLKD18, RvBB+03, RN+07, RAWV08, RVAL09, SLS+07, TSL+16, TKF+03, WFS+09, WLP16, XWY+09, YWS+11, ZAC+17, ZMB12, ZQPM12].

Axes [YSC+16, YLJ18]. Axial [PVY90, TAV+10].

Axial-cones [TAV+10]. Axis [CCW93, LW+15, MWR12, MWRD13, MLS+18, BO04, DWW+18, MYR14, MGP10].

Axis-Aligned [MLS+18, MWR12, MWRD13, MYR14].

Azimuthal [KM17].

B [BS88, BS90, CG89, FW12, Pra89, RLU95, WPL06].

B-Spline [BS88, BS90, RLU95, CG89, WPL06].

B-Splines [Pra89, FW12].

Back [Fol91].

Background [ZW+16, ZYQ+14].

Backlighting [WLHR12]. Backward [MEMS06, TJ08].

Ballylistic [BBPD12, HMP+08, MZS09]. balancing [PWLSH13].

Ball [Sai89].

Ballistic [RP03, SP05].

Band [BBPA15, HC04].

Band-Sifting [BBPA15]. bandelets [PM05].

Bar [Os92]. barriers [LHKR10].

Barycentric [BPC16, BLTD16, ZD+14].

Bas [SKC+14, WDB+07]. Bas-Relief [SKC+14, WDB+07].

Base [War92, GDC15, LV+13]. base-complex [GDC15, LV+13].

Baseball [TAH+04].

Based [AASP17b, AFP+95, BD86, BWF17b, BBPA15, DMF88, ER18, GNHM15, HWZ+14, HC86, HJS+14, KM97, LVTY16, LH1+7a, MCY14, ST16, SLGS01, SS00, WES88, YIC+14, AHSS04, AvcP16, AASP17a, AVF17, AVBO8, ATW+17, AG05, ASF+13, AAM03, BBPP10, BP08, BDD11, BC02, BBG+13, BSHK04, BKR17, BSPP13, BJ+12, BN13, BD02b, BLG+16, CWW+16, CH07, CFL+15, CKGK11, CDSD13, CNX+08, CIW15, CWL12, CBL+16, CGZ08, CT17, CTM13, CBvdP09, CWW13b, DBG14, DSB+12, DJ17, DS15, DC14a, DYN03, DKNY08, DDTP15, DFL+15, DCOY03, DYY16, DBB+17, DLK18, ERB+12, EC96, EVC+15, Er107, FCA09, FJL+16, FJS+17, FH10, FRS+12, MS611, OSP+05, UCP13, YS07].
FH04b, FKN17, GPCP13, GZ05, GvdPvdS13, GPD+18, GGG+13, GB13, GBFP11, GZ08, DJ18, GMP09, GBC+13, GMHP04, GDG+17, GBK05, GS04, HMODS05, HR05, HW16, HGY17, HLM+18, HTG14, HCL+18].

based [HTER04, HRDB16, HLR+17, HMG03, HZW+13, HESL11, IK2K17, IWL09, JLS+13, JYL09, JN11a, JZW+15, JMD+17, JWJ+14, JTSM16, JZvdP+08, KIL+16, KSB+13, KWR16, KJM10, KCKK+12, KRFBS06, KTY09, hKPS03, KLM+13, K011, KWB+15, KNC+08, KLS+13, KEBK05, LWA+12, LK02, LdPS84, Lcc05, LAD08, LKG+03a, LWP10, LWC12, LW17, LLX+01, LYP05, LvdP+10, LCL+17, LH17b, LYFD12, LFB+13, MM13, MHN+09, MS05, MTGG01, MT02, MS11, MLH+09, MRA+13, MWRD13, MBT+15, MS04, MWH+09, MlHL10, MRC05, MHTG05, MZWS07, NSACO05, NKS08, NF07, NF07, ODGK03, OP010, ÖG12, ÖG15, PPR+15, PK06, PAVdP18, PTV+17, PHS+18, QHY+16, QTZ+06, RYL13, RDL+15, ROA+13, SML+12, SS14, SZK15, SDK18, SNM+13, SHH+17, SJ12, SKY+12, Shao03, SMZ+14, SACO04, SLMB05, SZT+08, SH08, SYY+04, SKG+12, SaLY+08, SKM10, SKB+14, SGdA+10, SSD09b, SZPG05].

basis [ASK+12, BHS07, BR97, SR00, SSC10, Sze06, TSO6, ZM11].


Beady [IM12]. beams [BJ17, JNSJ11, JNT+11, KG14]. beat [DA18, hKPS03]. Beating [CHR14].

beautification [Zit13]. before [HXM+13]. before-and-after [HXM+13]. behavior [BBO+10, LP10, SHP04, W07].

behavioral [VABW09]. behaviors [MTP12, SKL07]. belief [HLR15]. believing [EMO10].

Bellman [dSDP09]. benchmark [BLN+13, CGF09]. benchmarking [KPKZ17]. BendFields [IBB15].

BendSketch [LPL+17]. Bernstein [Pat85, Pat87, TTWM14].

Bernstein-Bézier [Pat85, Pat87]. Best [Mcl83, ALS+18]. best-buddies [ALS+18].

Beta [BB83, Joe90a, Joe90b, TB87, Joe89, NCVMO05]. Beta-connection [NCVMO05]. Beta-Spline [Joe90a].

Beta-Splines [Joe90b, TB87, BB83, Joe89]. better [AFSR03, ZAE+14]. Between [MPB17a, BDG15, BWS10, CMT04, CFW13, CRN08, GJK+05, MPB17b, MRF06, OBSC+12, TMY+11, WM14, YM16].

Beyond [BJ17, KC+16, ZB14]. Bézier [BC14, DeR88, Gal99, GPSZ11, LG14, LD89, Pat85, Pat87, War92]. Bi [LDPT13, MP09c, SLSS03, FW12, IDN12, WDR11, WDR13]. Bi-3 [MP09c].

bi-Laplacians [FW12]. Bi-scale [LDPT13, SLSS03, IDN12, WDR11, WDR13].

BiggerPicture [WLL+14]. BigSUR [KFWM17]. Biharmonic [IKCM13, LRF10, FW12, JBPS11].
bijects [APL14]. Bijective [CSZ16, SS15, JSP17]. Bilateral [CGW+13, CAWH16, CLKL14, FDCO03, CPD07, DD02b, GCB+17, KCLU07, Wei06].
Bilinear [ASK+12]. Billboard [DDSD03]. Binary [Kou16]. Binocular [YZWH12, VVB+12]. biological [Sun06].
biologically [WHDK12]. biologically-based [WHDK12].
Biomechanical [SSB+15, SLST14, LT06, LST09, NZC+18]. biomechanics [WZB17]. biomimetic [NZC+18]. biped [CLLS03, CBvdP10, LKL10, LLK+15, SKL07, VSHJ12, YLvdP07].
bipedal [GvdPvdS13, cWP10]. bird [cWP03]. Birefractive [BGK16].
birefringency [WW08]. Bisector [EK98, ZWK14]. bispectral [HHA+10].
bitmap [GS82, Pik83]. black [LYC18].
black-and-white [LYC18]. blackboard [SBLD15]. blackboard-style [SBLD15].
blendshapes [SLS+12]. Blind [BTC+15, YSQQ08]. blink [LSL+18].
blink-induced [LSL+18]. Blister [HR05].
Block [MLS+18, YNW16]. Blocking [SLS+16]. Blocks [LW15, LCL06].
Blossoming [DHGM93]. Blue [Fat11, HSD13, JZW+15, MEA+18, QCHCIb7b, dBOD12, APC+16, CGW+13, GWN+03, KTBV16, KCODL06, LWSEF10, ODJ04, QCHCIa7a, SLS+16, SZG+13, Wei10].
blue-c [GWN+03]. Blue-Noise [MEA+18, Fat11, SZG+13]. Blur [VMCS15, AXR09, BHR13, BSS+13, ETH+09, HCOB10, HQL+10, LES10, LSR18]. blurred [YSQS07]. blurred/noisy [YSQS07]. Bodies [BC14, CMT04, CFW13, DBB+17, GFB03, HRZ+13, IGLF06, JTSB16, KEP05, LHLK10, PMS12, RGL05, RTB17, SZK15, WMW15, ZFL+10]. Body [SQRH+16, ACP02, ACP03, CZJ12, EMO10, FTP16, HFG+18, KIL+16, KPI1b, LJ14, LST09, LTK09, LYWG13, MTP+18, PRMG16, PSE03, SPS+11, TTL12, TBV12, TJ08, VSK+17, WY16, WSJP17, WZC12, WP12, ZSZ+14, ZJ10, ZBG15b].
Boxelization [ZSMS14]. boxes [SHH99, ZSMS14]. braided [HML+14].
BRDF [BAOR06, BAERD08, CD+14, EBJ+06, LK02, LR04, LKYU12, NDR15, RGB16, XNY+16]. BRDF-based [LK02]. BRDFs [BSN16, BLPW14, LGX+13, SZC+07, XCM+14]. Break [STXJ15].
Breathing [TMB14]. bridge [MRF06]. Bridging [DHL14]. Bright [JGC+15].
Brightness [DGH16]. Bringing
[BLCD02, WWH06]. carve [ZZX+18].
carving [AS07, DZPZ09, RSA08, SSZCO10].
Cascaded [HLR+14, WLT16]. cascading
[SZT+07]. case [McK87, PRZ17, ZPZ13].
Cases [EM90]. Casteljau [Pra89]. casting
[KGB+09]. Casual
[AECO15, HASK17, TT09]. casually
[BBDP10]. CAT [HGR10]. catadioptric
[KN06, TAV+10]. catadioptrical [NYY04].
catalog [BUSB13].
cataracts [PPZ+11]. catching [MLH+09].
Catmull [DB88, LFS16, LJG14, LS08,
MRF06, NLMD12]. Catmull-Rom [DB88].

CATRA [PPZ+11]. causality [HMO12].
caustic [STTP14]. Caustics
[YIC+14, GSLM+08]. cel [LMY+13]. cell
[AA06, CM11, FGG+17, JSS+15]. cellular
[HSF07]. Center [TFD+18]. centered
[GB08a]. centers [LH16]. centric
[ELFS16, FSL+15, KCGF14, ZX+18].

Centroidal
[XLC+16, LWL+09, LXY+16, LL10]. Cg
[MGAK03]. Chain [JM12, OKH+17].
chaining [XYH+18]. Chains
[Go84, Go85a]. challenging [DKD+16].
chameleon [TFK+03]. change
[BW13, SSJ+14, ZPBK17]. changes
[HVDp04, KBC+13, WM14, WTG10,
WR+12]. changing [MBF04, PH15a].
channel [HLR+17]. Character
[BCV+15, BVF17b, HDK07, HTCH15,
WAH+10, AVF17, DYP03, GCR13,
GRGC15, HYL12, HKT10, HSK16, HKS17,
IWZL09, JPG+14, JMD+07, KS12, KHKL09,
LLP09, LB+10, LW+12, LWS02, LP02,
MZS+11, MGG06, MG03, PALvdP18, RP03,
RP07, RTK+15, SH08, SSKY08, TBvdP04,
TLP07, VGB+14, WLO+14, YL10, SDSP09].
Characterization [CSBC+17a, CSBC+17b,
RZK11, SMCT18, S89].
characterizations [CI97]. characterizes
[ZCL18]. Characterizing [FSS11b].
Characters [LVY16, LH17a, BBJP12,
BP07, BBS+13, BVS16, BD1+02, CBL+16,
CBvdP09, CTN+13, DE05, EAPL06, JL11a,
JL11b, JSMH12, JHS12, KP11b, LLYW13,
LH17b, MP07, MLPP09, MMP11, STC+13,
SGdA+10, SDO+04, SKC+14, TCG+14,
XLS+11, YL08]. Charcoal [BSM88].
CHARMS [GKS02]. chart [GP09].
Charted [Pan17]. Charter [Fol94, Fol95b].
Chebyshev [Wan15]. Chen
[YXH14, WX09]. Chief [Bee91]. Chinese
[XXK+06]. choices [HFF16]. Cholesky
[HLS12]. Chopper [LBRM12].
ChromaBlur [CLS+17]. chromatic
[CLS+17, GKJ+05]. Chromium [HHN+02].
CIELAB [HRV97]. Cinema [EDF+16].
cinematic [HPB06, PTG02].
Cinematographic [GLC+18].
cinematography [NMD+17, PVL+05].
Circle [PF89, KSS06]. Circle-Brush
[PF89]. Circles
[Mcl83, MST89, SHWP09, Bak94]. Circular
[BPK+11]. Circularly [GCP+10].
circulation [DBWG15, ETK+07].
circulation-preserving
[DBWG15, ETK+07]. City
[LW17, XFZ+09]. City-scale [LW17].
Clark
[LFS16, LJC14, LS08, MRF06, NLMD12].
Class [Ree83, Wei10]. classes [SS10b].
Classification
[Jan91, ISS16, Man86, ST14, TTWM14].
classification-driven [ST14]. classifiers
[BWSS09]. classify [NYS+12]. clean
[NHS+13]. cleanup [SS516]. Clearance
[Kal14]. Clebsch [CKPS17]. climbing
[NRH17]. clip [LHE+07, LEN09, Mr98].
Clipless [LAKL11]. clipmaps [LH04].
Clipped [BWX+18]. Clipping
[LB84, Mai92, GH98]. Clone [MLD+08].
cloning
[BKS+12, FHL+09, LSC+12, SLS+12].
Close [CPS15, FKI+14]. close-range
[FKI+14]. Close-to-conformal [CPS15].
Closed
[L91, BWSS12, FXBH16, JSW05, vW09].
closed-form [FXBH16]. Closest [KTT13].
Closure [LWH15]. Closure-aware
[WR18].
cloth [AJM12, BWK03, BFA02, CFV13, CK02,
CLMMO14, FYK10, GHF+07, IM12, JGT17,
KJM08, KJM10, KGBS11, KKN+13,
LDN+18, MTB+13, NSO12, OKRC10,
RPC+10, SBdDJ13, TJJ15, VMFF09,
WOR11, WPLS18, WCFO7, ZLB16b].
ClothCap [PMPHB17]. Coaching
[HL14]. coefficient [ZF03]. coefficients [WR18].
CoFiFab [SDW+16]. cognitive
[WR18].
coarse-to-fine [SDW+16]. coarsening
[WR18].
coarse-encoding [SDW+16]. coarsening
[WR18].
coaxial [HLZ10]. cocktail
[WR18]. code [HDB+14]. Coded
[WR18].
co-encoding [SDW+16]. coarsening
[WR18].
co-representation [BAS14]. co-retrieval
[WR18].
co-regularization [BAS14]. co-representation
[WR18].
co-regularization [BAS14]. co-representation
[WR18].
co-regularization [BAS14]. co-representation
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co-regularization [BAS14]. co-representation
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colors [YKH10]. column [HPB07, HW+16]. CoLux [Par17]. combination [Ale02, dSDP09]. combinations [HR05]. Combined [OK+16]. Combining [BWG03, DKH+10, JASR99, PS04, CGG+17, DSB+12, EB14, HP17, NRDR05]. combustion [PJH+17]. comfort [DMHG13, KBBD17]. Comments [Pav90, WP90]. commodity [CM14, GM05, HDGN17]. Communication [Hil86, JGN16]. Compact [BKGK17, LLP09, SKOA14, ACSM12, GLLR11, HNB+06, KCVW13, MC12, PvBM+06, ZCR+16]. compounding [LSA05]. Comparative [HRV97, RGSS10]. Comparison [BBB+93, LC96, SCB87, EKA84, KKN+14, MGT+03]. compatibility [LHLF15, OAH11]. Compatible [SG01, WLX+16, KS04b, MEMS06]. compensate [POAR12]. compensated [ZRL+08]. compensating [WM14]. compensation [BHW13]. compilation [LS02]. compiler [MAN+16]. compiling [HBD+14]. Complement [CZY17b, CZY17a, LMAS16]. Complementime [SSK+17]. completion [ASK+05, DCYO3, FMLW14, HTG14, HE07, HYG+13, HKA14, HKA16, HW+16, ISSI17, KSDK12, LLV+12, SACO04, SYJS05, SKAG15]. Complex [BYRN17a, DBP+15, HJS+14, SW14, VADWG15, BYRN17b, BAOR06, CAC+02, CJAMJ05, DDP02, EHDHR11, EMF02, FGPB11, GDC15, GM05, GLY+03, JBP06, JSP17, KH06, KTS+14, KBT17, KSSC008, LZJ16, LDS03, LRA+07, LP02, LVS+13, MZD05, MB12, MTP12, PMS12, PKZ04, RSM+10a, RBF08, SS14, SILN11, TGD04, WM03, YMR+13]. Complexes [PBCF93, AA06, DRvdP14, GD02, ZQC+14]. complexity [CI84, ME05]. compliant [MZR+17]. component [KCKK12, SSK+17, YWS+11]. component-based [KCKK12]. components [DYY16, HFP+17, NKGR06, NVW+13, SHHS03, SFWG04]. composable [FH11]. Composing [DeR88]. Composite [MPP11, SP+17, WMZ+13, ZKBT17]. composites [XADR12]. Compositing [Dufl1a, KSH+14, Aga07, BSB+11, BPB13, CGC+03, DWT+02, Dufl1b, HLR+17, SGW06, YTBK11]. Composition [DGHM93, LM97, BGKS17, CLC14, GB05b, HGC+12, LYvdPG12, ZI18]. comprehensible [BF08]. Comprehensive [LST09, JdJM14, JNSJ11]. Compressing [LSA05]. Compression [Ari06, BIP01, SILN11, SWWW15, AFSS03, BCG05, FLW02, GD02, IG03, LAAJ14, LD13, MEMS06, MCHAM06, PM05, RA06, TR98, YGM97]. Compressive [ITM+14, MW+13, MWWB13, PML+09, HWRH13, HWR14, LLWD14, WLRH12]. Computation [PM95, PVY90, VMKK00, WZAL08, FBC18, GSC012, GS85, HZ82, ILSS06, JTL+12, LK02, LFH15, LTL+09, MIB15, PSBM07, QHY+16, RGK+08, Sh13, SGG+06, TIIK09, TC14, XLC+16]. Computational [AHB18, BGKS17, BAD10, BM07, BLT+15, CTN+13, DSZ+16, FGN84, FSY+15, GJG16, GSS+11, LDTA17, MZL+17, MB16, MMDK16, OKH+16, PYB+16, PRM14, POT17, RRMG10, SZK15, SPG+16, SHHW16, STC+13, SWT+17, SZ15, TCG+14, WHG84, XZM+18, YCC17, ZYYZZ15, AJD+10, AMG+18, BPK+13, DY03, DKNY08, FY96, Fr16, HHR+13, HWBR14, HPK+17, KCD+16, KPM+17, KSS+15, KS11, LHG+09, LLMZ16, MZB+17, OHR14, STTP14, WFDH18, XRLF15]. computationally [KTY09]. compute [LMAS16]. computed [IYYI14]. Computer [BG89b, CT82, Co08b, Gol84, Gol85a, Hl86, KP92, MSK10, MRC+06, Pav90, SMPZ15, SLGS01, WP90, An03, ACMS10, Gol02,
HCW15, ILB15, KFS13, PVL+05, SHL+17, TL04, WQLJ18, YGM97, ZAJ+15].

Computer-Aided [BG89b, GOL84].

computer-assisted [ILB15].

computer-controlled [Ano03].

Computer-generated [MSK10, ZAJ+15].

Computing

[ACP+01, BHK14, CCW93, DLSCS08, DEM96, FCJ07, FLG15, FL16, GOMP98, HBL11, LWS+15, LPS+13, PYW14, PV06, ZWL+18, BFH+04, CWW13b, OK10, PNH+14, SCS+08, YPB16].

Concative [AJM12].

Concept

[BB15, LB84, SBSS12, SLZ+13].

Concurrency [Hil86].

concurrent [BRL12].

condensation [TMDK15].

conditional [GDG+17].

Conditions [BS88, SGWJ18, BBPD12, KO11, MHRH11, MAF+09].

Cone

[SSZC10, LSVT15, SSC18].

cones [TAV+10, Van06].

conferencing [KPB+12].

configurable [Pel05].

configuring [RvBB+03].

confocal [LCV+04].

Conformal [SSP08, VMW15, CPS15, CPS13, KSS06, LPRM02, SSC18, WG10].

Conformation [BGFAO17].

conforming [HGC0+12].

congruent [AMCO08].

Conic

[Pav83, FK83, Pot91].

conical [LPW+06].

conics [Far89].

Conjoining [NSX+11].

conjugate [BFDS03, LXW+11].

Connect

[LKvK+14].

Connect-The-Dots

[LKvK+14].

Connected [ZGH+16, ICG17].

connecting [GITH14].

Connection

[LTDD16, BWS10, GKS12, NCVMO05].

Connectivity [PZKW11, GLR11].

connectors [KSS+15, LOMI11].

conquer [Mor11].

conservative [ANZ18].

conserving [ISF07].

Considerations

[VW94, VW95].

Consistency

[RO94, Bts+15, HSGL13, LWA+12].

Consistent

[ACBCO17, DNZ+17b, RSM10b, ASL+17, CRA11, DNZ+17a, DDTP15, HZG+12, ISS17, LCK+14].

consistently [LWC+11].

Consolidation

[HLZ+09, WHG+15, ZSW+10].

constant [PCL+12].

Constrained

[BR94, MVH+17, SW18, BSD09, CBYvdP08, KSG03, Lzc+18, MS13, Mz13, SJLP11, TBTTS8, TNGF15, WGB16, YYP11, YK14, ZJL14, ZHC15].

Constraining [YCP16].

Constraint

[BD66, CH07, Sha03, BML+14, HK12, JAR99, KHD14, SAKZ06, WG09].

Constraint-Based [BD66, CH07, Sha03].

constraint-solving [JAR99].

Constraints

[FG90, Gbl84, KF93, RYW94, SW14, TQ94, AFC+10, BGF10, HZ82, JIO05, JTC07, KOOP11, SvSH14, XLC+16, YL08, YYW+12a].

ConstructAide

[KGFF14].

Constructing

[LFXH17, KSG03].

Construction

[FG90, HJS+14, SB95, WLY+16, BO04, BLTD16, CGG+04, DS15, DKP11, DFM13, FZLM11, IM12, KGFF14, LFH15, LVS+13, WWT+06, WGO9, XK07, YZ04, ZM11, ZHGW08, vTSS13].

Constructions [DB88].

Constructive

[CCK92, FH97, JAR99, LDF14].

Constructor [VKJ+17].

Consumer

[CKH18, LWC14, WZN+14, ZK14].

Contact

[ERl18, KL17a, MHNT15, MLPP09, TFD+18, AVGT12, AFC+10, BLT+15, BFA02, DDBTT13, GHF+18, HYS+09, JTL+12, JGT17, JLF+09, KJM10, KL17b, KJS08, KP03, LJJ+11, LDTN+18, LVDP+10, MZS+11, MTP12, MWT13, PRW+18, TOK14, VBG+13, YL12, ZJ11].

Contact-aware [MLP09].

contact-invariant [MP12, MWT13].

contact-rich [LVDP+10].

contact-space [JTL+12].

contacts [JL11a].

Content

[KSP13, LHRK10, LGJA09, THK13, AFR+07, AOS1, BDLA11, CAA09, HDGN17, MRC05, WWOH08, XLZ+10].

Content-adaptive

[KSP13, LHRK10, THK13, BDLA11].

content-aware [AS07].

content-based [MRC05].

Content-preserving
Customizing [RO94, JFH+15]. 
Cut [BMBZ02, CPWAP08, LSS05, PTH+17]. 
Cut-and-paste [BMBZ02].

cutaway [LRA07]. 
cutaways [BF08].
cutout [BWSS09, BJS+08, FZL+15, WBC+05, ZQFM12].
cuts [BLA12, GF08, KT03, KSE+03, LV+13, RKB04, TDM+14].
cutter [LVS18]. 
Cutting [YCP16, KMB+09, KBT17, SC18b].
cycles [ZZCJ13].
Cyclic [ACXG09].
cylinder [ZYH+15].
Cylinders [BK85, AMZ99, BK87].

D [BIP01, GIZ09, SLV+13, AKZ+17, AL13, ALX+14, AXZ+15, AZB09, AAR05, AID+08, ARS14, BVF+17a, BKLP16, BHR13, BP07, BSS+11, BS+16, BSW02, BBN+12, BSS+13, BVG11, BK+13, BWSS12, BV16, BSM+07, BR07, BAU15, BATU18, CCA+12, CB04, CWLZ13, CKH18, CMZP+14, CK10, CGK11, CGF09, CSPF12, Che13, CLD+13, CLW+14, CZL+15b, CKB15, DNZ+17b, DNZ+17a, DS15, DLSCS08, DSF+13, DKD+16, DHL4, DDPD+02, DBB+17, ESCK16, EBB14, EDF+16, EP09, ESZ+17, EM96, FZBR16, FJL+16, FH10, FRS+12, FSL+15, FMK+03, GDB+17a, GDB+17b, GZW+16, GZC+16, GI09, GM05, GF08, GS03, GTDS10, GKH12, GW+03, GWH05, GF+12, GRT13, GZC15, GXY+17a, HGRT04, HGY17, HASK17, HK18, HIL07, HLHR09, HLZ10, HDK07, HMC11, HLV+17a, HLV+17b, HTWB11, HCTW11, HTCH15, HMT+15, HDGN17, Hud92, HOM15, IBP15, IGP+17, ICG17].

D [JTRS12, JBM+17, JSKJ12, JLF+09, JZH07, KMM+02, KHS10, KH06, KSH+14, KDM+16, KDR+16, KSES14, KMYG12, KLM+12, KR+12, KLM+13, KLKL13, KTL+04, KDWM17, KFCO+07, KSS+15, KS04b, KYC+17, LMS13, LHW+10, LRAT08, LHKR10, LCNX09, LOMI11, LHG+09, LRA+07, LACS08, LT09, LSH+10, LVG+13, LPL+17, LBB+17b, LCOZ+11, LYT18, LOW18, LGJA09, LWCT14, LHF15, LK+03b, LFL09, LVBK+10, LHVT17a, LHVT17b, LSZ+14, LBRM12, MLZ+16, MA19, MWH+13, MS06, MPD03, MPN+02, MP04, MAN+16, MTN+15, MSS+17, MGP10, MG06, MYW15, MLS+18, NAH+18, NISA07, NRRD05, NZIS13, OHX+14, OHB+11, OLGL11, ONO10, Par17, PMW+08, PK05, PXW18, PZ17, PR14, PSH+06, PMPH17, PWLH13, RAWV08, RSL16, RSI+08, RID10, RID10, RMD12, RH1L02, RMBB+13, SS14, SCH+14, SLV+13, SSGS11, SKSK09, SBR+15, SHL+17, SF07, Shm92, SSS+08, SARW+15, SS06, SDW+16, SVB+12, SQRH+16].

D [SSK+17, TD16, TDM11, TS08, TFK+03, TMB14, VVC+15, VSHJ12, WBF+17a, WBF+17b, WAO+09, WYY+13, WGW+13, WSX16, WLG+17, WLX+18, WXL17, WLHR11, WDB+07, WSW+12, WZQ+18, XL1+17, XLIJ+09, XZT+09, XZZ+11, XZCOC12, XCF+13, XCS+14, XSZ+16, Y117, YSL+14, YMRD15, YSC+16, YLJ18, YWS+11, YKC+16, YXZ+18, YSHWS16, ZLP+15, ZAC+17, ZWK14, ZSW+10, ZS014, ZK14, ZZCJ13, ZNI+14, ZPKG02, Bly06].

D-aware [LWCT14, YWS+11].

D-modeling [TS08].

D-printable [KSS+15, LBRM12, MTN+15].

D-printing [CCA+12].

d-to- [GIZ09].

damping [XB17].

Dapper [CZL+15b].

Dappled [VRA+07].

Dark [JGC+15, KF09].

Darkroom [HBD+14].

DART [MGDB05].

Darts [MEA+18, EPM+14].

Data [CK10, CLSM15, CT17, Foli87, GLL+16, HFL14, JHS12, JWL+13, KNS+09, KPP+17, LJS+15, LK10, Lev90, LCOD08, LCX16, MTP+15, NRS15, PH08, RO85, SPD13, SMGE11, SKAG15, Tsa15, WYW+10, WOR11, AA09, AC02, BCG05, BKR+05, Che13, CLW+14, CS03, DH06,
Decoupling
[RKAP+12, WYL+14, LFJG17]. Deducing
[LYLL08]. Deep [CM14, Dufl17a, Dufl17b, EKM17, GCPD16, GCB+17, GZC15, HCL+18, KR17, KMM+17a, KP18, KGT+18, KNC+08, LLW17, LH17a, LSSS18, NZC+18, SCO17a, SCO17b, WSCR18, WHG+15, XSHR18, YZW+16, BODO13, DAD+18, EKD+17, HGY17, HLY+18, HSK16, LGA+18, LYY+17, LOW18, LH17b, LH18, MTP+18, PBvdP16, PBY17, PALvdP18, PHS+18, TKY+17, ZZI+17]. DeepLoco
[PBY17]. DeepMimic [PALvdP18].

DeepSketch2Face [HGY17].

Defending [Wan14].

defered
[CTM13].
deficiencies [SMHW16].

Defined
[Kaj83, vW84].

Defining
[AK04, HLY+17a, HLY+17b]. Definication
[vOV96].

Defocus [MMP+05, VMCS15, BSS+13, HQL+10, ZN06].

defocused
[MLR+14].

Deformable
[BdSP09, BC14, CMT+12, PM18, BJ05, BSG12, CFW13, DSP06, DLL+18, FGBP11, GKL+05, GSLF05, HsvTP12, HNB+06, IM10, ISF07, JF03, JP04, KJ09, KP11b, MCC09, MB12, NKJF09, PBY14, RMSG+08, SvatS14, STC+13, SLS05, SG+06, WBS07, WMW15, XYY+09, YLX+15, vTSSH13].

deformables
[KB17].

Deformation
[AXZ+15, BSB16, GLL+16, JS11, JWJ+14, SP04, WYW+15, ZYL+17, ACP02, BODO18, BVGP09, BZ11, BCWG09, BBO+10, BSB17, BWKS11, BJD+12, CFW13, CSPR18, FH07, FKY08, FYK10, GB08a, GPCP13, HSL*06, JBPS11, JP02, JTSB16, MJC+08, NFA+15, NVW+13, POB09, PH06, PO08, RS98, RTD+10, RJO7, SMP03, SMW06, SYB06, SZT*07, SSP07, VBG+13, WJBK15, WG10, WY04, WGBB16, YK14, YCHK15, ZHS+05, ZPK17].

Deformation-driven
[AXZ+15, ZYL+17, MJC+08].

Deformations
[BR94, AKJ08, CGC+02, CPSS10, CPS15, HZ13, JZvdP+08, KG05,
LKF12, MZL+17, MJBFO2, MHTG05, TMDK15, VMW15, Wam16, ZJ12, vFTSO6.

defomers [KS12, PMS12]. Deforming
[WTGT09, KG06, SSW+13, TMY+11, XZY+07, ZIT+18]. Degenerate
[EM90, FNO89]. degenerations [GPSZ11].

Degree
[Sei93, SJ94, CADS09, CLS85, PU06].

degree-raising [CLS85]. Dephasing
[LHHR09, JTLX]. Dense
[LXH15, LFHX17, TWAD09]. Delay
[AMN03]. Demarcating [KST08].
demonstration [GAL+09]. demosaicking
[GCDP16].

Dense
[SB95, ZK13, BN13, HSLGL11, LD13, NCS09, OCH+16, XIAP+17].
dense-weight [LD13]. Densely
[YSHWS16]. density
[DL+15, Fat11, GHV+18, HJJ10, WHSS97].
departures [WDW+15]. Dependency
[GF82]. Dependent [YSB+15, WWT+03].
depict [CSD+09]. Depicting
[GSLM+09, LMPB+13, RBD06]. depiction
[TDR+12, VPB+09a]. Depixelizing [KL11].
deployment [KLP16]. Depth
[CDSD13, CSN+12, Jan91, LES09, LKE18, AHA15, BGK16, BCN08, BHR13, BBOF91, CZL+15a, CZN10, FKI+14, FG11, GWM+08, HLHR09, JTL+12, KHRK11, LSR18, LFDF07, LHG+09, LCD06, Mcc00, PZM13, RTF+04, STXJ15, SDP+18, SSD+09a, SHM+14, TK14, WGJ+18, WZC12, WMO3, WZN+14, XZS+16, ZSZ+14, ZK14].

Depth-of-field
[LES09, KHRK11, LSR18, WGJ+18].

Depth-Order [Jan91]. Depth-presorted
[CSN+12]. depth-sensing [HLHR09].

Depths [Che92]. Deriging [WWH06].
derivation [WK19]. Derivative
[LTD06, LC96]. Derivatives
[AOCBC15, OKRC10]. derive [Spr82].

Descent [WFY16]. descreening [KP18].
describing [RBvB+04]. Description
[dFP95]. descriptive [GSV+17].

Descriptor [MOR+18, GMW16, HZvK+15, KSH+16, SvKK+11]. descriptor-space
[SvKK+11]. Descriptors
[HKC18, CT17, RTF16]. Design [BH92, BG98b, BWS10, BBO+10, BRR14, BSBC12, BAC+18, Cas91, FSDH07, GAD+17a, Gol84, Gol85a, JTSW17, LTDD16, LHVT17a, Mac86, PPV95, PTC+15, RWH94, SSL+14, SW14, SG11, TBWP16, VHPW12, XZN+18, XLC15, YKGA17a, AMG+18, AHB18, ACBC17, BB15, BG17, BLT+15, CK14b, CZXZ14, CLS25, CLMK17, CPWAP08, CTN+13, DLC+15, DSZ+16, DYYT15, FYY+16, GAD+17b, GSF+14, JGI16, GPD+18, GSV+17, IIM12, KP09, KJ10, KCD+16, KSL+15, KSS17, KAMJ15, LSD+16, LWW+11, LVK+14, LHVT17b, MZL+17, MGDB05, MPBC16, MHL15, MZD05, MTN15, MZH+15, MSL+11, MLB16, MIW16, MI07, PZ07, PRK+17, PTG02, FYB+16, POT17, PTV+17, RVL08, RRS13, SZX+17, SWC+18, STTP14, STC+13, SCG15, SWT+17, SZ15, TGY+09, TCG+14, UB99, UKM17, UIM12, UKS14, UPSW16, UB18, VABW09, VGDA+12, VFG12, WJIB15, WLM+15, WDR11, WDR13].
design [XSB15, BX17, YWWV13, YKGA17b, YC17, ZKB17, ZMT06].

Design-driven [BWS12]. Designing
[APH+03, CLM+13, PBSH13, PPW18, STK+14, ZCT16, Coh87, JRT+15, NISA07, ONIO04]. designs [CKX+08, DFL+15, LYH+15, PKM+11, PCLC16, ZCL18].
desired [BBO+10, MZL+17, ZKB17].
desktop [LRFN04]. destination [KAB+10].

detail [FH07, HK10a, MSW+09, SK16, CH04, CHPR07, ECK14, FFL08, FAR07, FYK+10, HFT15, LGK+03a, NSAC005, PNB13, PKZ04, RBD06, WWA+16, YKJM+12, ZNT18]. Detail-Preserving
Wei08, YW13, DH06. **Disney** [BAC+18].

disparity  [DRE+11, DRE+12, FKN17, KDM+16, LHW+10]. dispersed [KySK10].

Dispersion [CMT+16, CT05]. Displaced [CHZ14]. Displacement [BvdPPH11, Roc89, DH+13, HFG+18, MJC+08, NFA+15, NL13, WWT+03, YHCZO18].

Display [DVC09, Jan91, JGN16, LMR83, MKD08, PRM14, RO85, RO87, SBSH18, WK95, Zyd88, AWGB04, ALK+17, BKN10, BSW02, BGB+05, DER+10, DD02b, EDF+16, FH04b, GZL14, GWN+03, HWBR14, JBM+17, JMY+07, KYS+15, Kon16, KKB+11, LWH+11, LCTS05, LTO+15, MWH+13, MP04, NBB04, PMOR10, SMG+05, SHS+04, Sst+83, TFK+03, THG99, YJB+14, ZN06].

Display-Camera [JGN16]. displaying [SDIN18]. Displays [Dun83, VN85, AFR+07, BF12, CB04, DSAF+13, DDD+14, FRSL08, GW05, HWRH13, HLR+14, HLRBR12, HWBR14, HGW15, HPK+17, KPM+17, KBBD17, LHKR10, L13, LJM+16, MLR+14, MGK17, MS05, MFL17, MSM+17, NAB+15, POAR12, SLV+13, SHK+17, TDM16, WLHR11, WLHR12].

dissections [DYYT17]. Distance [MPB17a, PP94, COSL98, CW13b, HCOB10, KsKSHC015, LRF10, LCFD10, MWH+09, MBP17b, TLK09, TTT+17, WPL06, WDB+08, Xia97, ZD1+15].

distances [AWGB04, SRGB14, SdGP+15].

Distinctive [SF07, LRFN04].

distinctiveness [HRZ+13]. Distortion [LYP+14, AL13, APL14, CWKBC13, CW15, CCW16, CLW16, KLS03, KABL15, L1W16, Lip12, MZ13, PTH+17, SdS02, TBTS08, ZBK18]. distortions [VRC+13, WFDH18].

Distributed [KSH10, LN84]. Distributing [MSQ+18]. Distribution [YMRD15, HDCD15, HHA+10, LD05, LAC+11, MYRD14]. Distributional [PP94]. distributions

[BSD09, DHB17, OFCD02, ÖG12, YHM16]. diverse [WLO+14, XZCOC12]. divide [Mor11]. divide-and-conquer [Mor11].

division [ABJN85]. Dlile [HDG17]. Do [AFR+07, CGL+08, CSD+09, EHA12, JMB+14].

dockers [BWKS11]. document [JLS+03]. Documents [XZZ18, FNd82].

DOF [HM+15]. Domain [AVF17, BVF17b, DMZ+17, GO11, LLN+14, SHD+14, ALS+18, Aga07, AWL13, ALLD17, BPE17, BZCC10, BTC+08, FLW02, GNS+12, GHV+18, HSRG07, HSL+06, Kho8, KSH10, KMA+15, KLS+13, LKL+13, Lév03, MRK+14, MKD+16, MP08, PKCH18, SMGE11, WW11, XZY+07, YWWV13, ZLC+13]. domains

[HZC17, SdGP+15, TPP+11, WMW15].

done [HW12]. Dominant

[SRUL16, GJTP17, SPGT18, SRUL17]. dominates [EMO10]. doodles [TBvdP04].

Doppler [HHP15, WKR99]. Dot [Knu87].

Dots [LKV+14]. Double [DBWG15, RY92, SR09, MFR+10]. double-[SR09].

Double-Step [RY92].

Downsampling [ZWDR16]. downsampling [GO17, KSP13, ÖG15, WWA+16]. Drag [STJS06].

Drag-and-drop [STJS06].

dragon [WPRL17]. DRAPE [GRH+12].

draw [CGL+08].

Drawing [Blis2, DH96, Kla91a, VN85, AG05, FLB16, FTP03, Gal99, GTDS10, JDA07, KMM+02, KNS+09, KLKL13, LCTC13, LB04+14, PLKD18, SKSK09, Spr82].

Drawings [BCV+15, BVS16, BKR+05, CSD+09, FZLM11, M1LH07, LRS18, NSX+11, NHS+13, VAS8]. drawn

[JSMI12, SBH16, SKC+14, XWSY15].

dressing [CTT15, GRH+12]. DressUp [YYT12].

dribbling [LH18].

Driven [GL+16, JSSH15, NRS15, Ts15, Aca07, AXZ+15, AJM12, BSK+16, BD09, BWSS12, CFP05, CGC+02, CK10, CLSM15, CT17, DP0, FL04, FKY08, FYY+16, HDS+18, HZW+13, HYG+13, HFL14, JHS12, JWL+13, KNS+09, KAL+17,
KYS+15, KP11b, KPMP+17, LJS+15, LS02, LDTA17, LKL10, LTK09, LCODL08, LYGCl5, LT00, LYWG13, LXC+15, LCX16, MJC+08, MLZ+16, MTP+15, MUB15, MPBM03, NHS+13, PH08, PSF09, PL07, RPE+05, ST14, SPDF13, SMGE11, SSI18b, SKAG15, VK16, WYW+10, WOR11, WLL+14, WSL+14, XZZ+11, XSZ+16, YHZ+14, ZCW+17, ZXL+18, ZYL+17, JTCW07. Driving [FJA+14].

Drone [NMD+17]. Drones [GLC+18]. drop [JSTS06]. drops [BNK10, WMT05].

Drucker [KGP+16]. DS [DML17].

DSCarver [ZZX+18]. DSL [BSL+16].

DTV [KDW+17, SLV+13]. Dual
[CBK12, CK14b, JLSW02, Lev03, LFXH17, SCG+05, ZYWKO8, HPK+17, KCO08, LAKL11, LHKR10, ORK12, WSM11].


dual-space [LAKL11]. ductile [OBH02].

due [GRBN09]. during [DYT05, HRvdP04, MBF04]. dust [OHR14].

Dyad [KBZ15]. Dyna [FMRRM15].

Dynamic
[APSO7, AMMS08, BAM14, BSM+07, CWWW+13a, CM10, DGH16, DJ18, HL14, IBP15, Kal14, KH17a, LCTS05, MLWT13, PBvdP15, SLR+16, TQ94, VBP+09b, WRK+10, Wu02, WS17a, XWW+14, YPG01, ZIH+11, ZMCF05, ADM+08, BBD+14, B08, CHZ14, CWWW+16, CGC+02, CH07, CZ11, DJBTD10, DJBDDT13, DHH+11, DD02b, FLW02, GVWT13, HSG+16, HKAK16, JP02, JF03, JSB+10, KSB+13, KR17, KNS+09, KUWS03, KYYL08, KFCO06, KH17b, LWH+11, LSA05, LLV+12, LP02, LYvdPG12, LNWB03, MRK+13, MKMS04, MEMS06, MP04, MLPP09, MK16, MCK13, MCHAM06, Mus13, NHA03, PBH15, PBVY17, PMRMB15, RSM+10a, RWS+06, RA106, SHS+04, SKY+12, SHT+08, SCT+15, SKS02, SKK+12, SKB+14, SJLP11, SM06, SZC+07, SZZ+08, SWP+18, TAHL07, TPWG02, Van06, VBG05, WBS07, WRG+09, WLRH11, WS17b, YPB16, YL08, ZWZ+16, ZHL+05].

dynamically [RH16]. Dynamics
[CLMK17, MIHT15, BKLPO6, BWRB05, BAC+06, BML+14, BE18, DBDB11, DYN03, DKNY08, En07, FTP16, GvDBL+12, KEP05, KPH18, LT08, LDR+15, LCX16, NGCL09, RGL05, TNGF15, T070, Van15, WP12, WST09, XB16, ZSZ+14, ZPBK17].

Dynamics-aware [CLMK17]. dynamism [LJH13b]. DyRT [JP02].

Earth [SRGB14]. Easy
[Pet95, RKAP+12, SF+13]. Ebb [BSL+16].

ecosystem [CGG+17]. Edge
[FFLS08, Fat09a, FCA09, HWG+13, KR11, SG12, SS09b, WWT+06, BHY15, CPD07, FFL10, Fat07, GO11, KTY09, LSVT15, PHK11, RTF+04, WSM11].

Edge-avoiding [Fat09a]. Edge-aware
[HWG+13, KR11, CPD07, FFL10, GO11, PHK11].

Edge-based [FCA09, KTY09].

edge-cone [LSVT15].

edge-guided
[SGM12].

Edge-preserving
[FFLS08, SS09b, BHY15].

edgebreaker [AFSR03]. edges
[BBW03, LD06, Nai98, SNCH08, WXLY17].

Edit [GJWW14, AP08, CZZT12, GSMCO09, JMB+14, KvKSHCO15, LJ+09]. editable
[CSZ+13, EPD09]. Editing
[BL18, BBPA15, JSSH15, JZH07, KG06, LZWK10, SDN18, SSSH17, AYL+12, APS+14, AFTCO07, BCT15, BPK+13, BSG12, BSFG09, BC02, BSK+16, BAOR06, BAERD08, BSH04, BMBZ02, BWK12, BST+14, BD02b, CSM+10, CBL+16, CSRP10, DTP15, DCP14a, DDTP15, FH04a, FH07, FFL10, GZ08, GCSS06, HR13, HSK16, HXM+13, HZW+13, IDN12, JCW09a, JGNN15, KBD07, KRFB06, KN02, KHKL09, KLLT08, LRT+14, LBAD+06, LDTA17, LHGD+14, LW08, LKG+03b, LSS+17, MBWB02, NSAC05, PHT+13, PL07, Pd10, PZKW11, PGB03, PHS+18,
PVL⁺⁰⁵. Enhanced [Hud94, Ols92, DFL⁺¹⁵, KKS⁷, VRA⁺⁰⁷, VPB⁺⁰⁹].

**Enhancement**

[BM05, BBB⁺¹⁴, BF12, DER⁺¹⁰, ED0⁴, FAR0⁷, GSC⁺¹⁵, GCB⁺¹⁷, HSGL₁¹, JMAK₁⁰, KNC⁺⁰⁸, LCODL₀⁸, LCD₀⁶, RSI⁺⁰⁸, SGM₁₂, WY⁺¹⁰, WXY⁺¹⁰, WXY₁¹].

enhancing [LSGV₁⁸]. **Enrichment** [KMB⁺⁰⁹]. **Ensemble** [JTCW₀⁷].

Entropic [SPK₅₁⁶]. enveloping [WPP₀⁷].

**Environment** [Ols₈⁶, PM₁⁸, ARBJ₀₃, LF₀², RH₀₂, RZL⁺¹⁰, XMR⁺¹¹].

environmentally [CSV₅₁⁸].

Environment

[CSS₉⁶, YPG₀¹, GLY⁺⁰³, GB₀⁸b, KMYG₁₂, KKB⁺¹¹, LCL₀⁶, LNWB₀₃, MIWB₀₂, NHA₀₃, SCH⁺¹⁴, SMI₁⁴, SSC₁⁰, SKS₀₂, SBK₁₁, TGD₀⁴, WFH₁₀, WS₉⁹, WM₁₃].

EnvyLight [Pe₅⁰]. Epipolar

[ABW⁺¹⁷, GF₁²]. epsilon

[DD₀²a, ITM⁺¹⁴]. equation

[ABW₁⁴, CK₁₁, WZT⁺⁰⁸a]. equational

[Evaluating [WYY⁺¹⁰, UHT₁⁷, WYB₀⁸]. Event

[AECO₁⁵, SSRB⁺¹⁷]. events [VBK₀⁵].

everyday [VAV⁺⁰⁷]. Evolution [BAC⁺¹⁸, MOR⁺¹⁸, LXY⁺¹⁶, MLZ⁺¹⁶, XZOC₁₂].

evolving

[BHLW₁₂, IYAH₁⁷, PV₀⁶, PKC⁺¹⁷]. Exact

[Kla₉⁴, RvE₉³, BDCDA₁₁, BEB₁₂, FV₉⁶, QHY⁺¹⁶, SSK⁺⁰⁵b, TTWM₁⁴].

**Exaggerated** [RBD₀⁶]. Example

[BSPP₁₃, DFM₈⁸, DBB⁺¹⁷, FJS⁺¹⁷, FRS⁺¹², JTSB₁⁶, LWP₁⁰, MTGG₁₁, RYL₁₃, SDKN₁₈, ST₁⁶, SZT⁺⁰⁸, WYZG₀⁹, WHRO₁₀, WXY₁₁, XB₁⁷, AVB₀⁸, BCK⁺¹³, DLL⁺¹⁵, DLKS₁⁸, EVC⁺¹⁵, FJL⁺¹⁶, FKS⁺⁰⁴, GLDL₁₂, GJDG⁺¹⁷, GJYW₁₅, JMAK₁₀, KEBK₀⁵, LHL₁⁰, LYFD₁₂, LBW⁺¹⁴, LFB⁺¹³, PCSS₀⁻⁶, PALvdP₁₈, RRS₁₃, SSL⁺¹⁴, VSDL₁₃, Wam₁₆, WZT⁺⁰⁸b, WPKL₁⁷, XUC⁺¹⁴].

**Example-Based**

[ST₁⁶, BSPP₁₃, DBB⁺¹⁷, FJS⁺¹⁷, FRS⁺¹², JTSB₁⁶, LWP₁⁰, MTGG₁₁, RYL₁₃, SDKN₁₈, ST₁⁶, SZT⁺⁰⁸, WYZG₀⁹, WHRO₁₀, WXY₁₁, XB₁⁷, AVB₀⁸, DLKS₁⁸, EVC⁺¹⁵, FJL⁺¹⁶, FKS⁺⁰⁴, GLDL₁₂, GJDG⁺¹⁷, GJYW₁₅, JMAK₁₀, KEBK₀⁵, LHL₁⁰, LYFD₁₂, LBW⁺¹⁴, LFB⁺¹³, PCSS₀⁻⁶, PALvdP₁₈, RRS₁₃, SSL⁺¹⁴, VSDL₁₃, Wam₁₆, WZT⁺⁰⁸b, WPKL₁⁷, XUC⁺¹⁴].

**Example-guided**

[RYL₁₃, PALvdP₁₈, WPKL₁⁷]. Examples

[Gol₈⁵a, AF₀₂, FF₁₁, HMLL₁⁴, LDBDF₁₃, MG₀₃, RTK⁺¹⁵]. excess [WHDS₀⁴].

exchange [ZLB₁⁶a]. exemplar [HCL⁺¹⁸].

exemplar-based [HCL⁺¹⁸]. **Exemplars**

[DBP⁺¹³, KFCO⁺⁰⁷]. exhaustive

[KKN⁺¹³]. existing [EKA₈⁴]. Expanding

[LM₉⁷]. **Expansion**

[BVF₁⁷b, AVF₁⁷, DSAF⁺¹³, ZZB⁺¹⁸].

Expansions [BXH⁺¹⁸]. Expediting

[YLX⁺¹⁵]. Experience [AFP⁺⁹⁵, JGC⁺¹⁵].
Experimental experiences [MGDB05, SPGI13, L´ev03, WL13, CADS09].

Experiments [GHCC88, exploded [LACOS8].

Exploiting
[PKH+17a, PKH+17b, YRF09].

Exploration [OLGM11, BBPP10, DFL+15, HFF16, JM12, LZ04, MGD05, MVH+17, ROA+13, SXZ+17, SWC+18, UIM12, YPP11, ML].

Extended
[BN90, MRF06, ANZ18, CZN10, KWK09, SDP+18, KB17].

Extensions
[BBK+17a, CBZB15, CWW+17b, CZS18, Facade
[SW14, dGDMD16].

Extending
[BCN08, CZZ+13, HZG+12, NGH04, TOS+03].

Extracting
[BCN08, CZZ+13, HZG+12, NGH04, TOS+03].

Extraordinary
[CADS09], extrapolation [Lév03, WLL+14, ZM13].

Eye-catching
[MLH+09].

Extravagant
[BB14, BBGO11, Gol85b, LCXS09].

EyeOpener [SSS17].

eyeSelfie [SR+15].

Fab [SSM15].

Fabric [GHCG17, FBGZ18, KWN+17, JM12, ZJMB11, ZJMB12].

Factored
[MYRD14, RMR07, HCW15].

Facades
[CM+17].

Facade
[LOMI11].

Fabricating
[BBJP12, DWP+10, LGX+13, PRJ+13, SDIN18, WPMR09, CLM+13, HBLN11, WW13].

Facades
[BSW13, FMLW14, WYD+14, XFT+08].

Factors
[CMZ14, MZWV07, SHFH11, ZJX+13].

Face
[BBK+17a, CBZB15, CWW+17b, LZ18, TDM11, WBGB16, YWS+11].

Factor
[BSN16, LRFH13, YBY+13].

Factors
[BBK+17a, CBZB15, CWW+17b, LZ18, TDM11, WBGB16, YWS+11].
Filters
[APH+14, BJ10a, KS10, LLMZ16, PHK11].

Find [GD04, REG+09], [CMG01, Day90], [SGSS08, CZM+10, TSG+14, ZZZCJ13], [HSG13, KvKSHCO15, SDW+16].

Fine-grained [HSG13, KvKSHCO15].

finger [GW05, JHS12], [VVC+17].

flaking [CCW93].

flakes [HSF07, LF02].

First [KCS14, SC18a, RMB07], [ST14], [SHU+16], [RCC+16].

Fit [XZCOC12].

flame [HSF07, LF02], [WZ14].

flames [PLMR17].

flat [CBW05, JHS12], [VVC+17].

finished [MWAM05].

finite [BC14, BWHT07, CLSM15, ISF07, KTY09, KBT17, LDPS14].

finite-element [LDPS14].

Fire [CJ11, HC00, NFJ02], [KCS14, SC18a, RMB07].

First-order [RMB07].

First-person [KCS14].

Fisher [ST14].

fishes [SHU+16], fisheye [RCC+16].

Flex [KCS14].

Five-Axis [CCW93].

Five-Year [Ano90b], fixed [WZ14].

flakes [PLMR17].

flames [HSF07, LF02].

flapping [JWL+13, WP2L17].

flare [HESL11].

Flash [ED04, SLK96, ARN05, KF09, MKD16], [PSA+04, RTF+04], [EP14, GM17].

flat [EP14, GM17].

flatland [AR15].

Flattening [SC18a, MZ12, SLMB05, SSC18].

Flesh [SDK18].

Flexible [GLL+16, GvdPvS13, DML17, HHD+16, HST+14, MPB16, OBCS+12, PTC+15, STP12], [FlexISP [HST+14], FlexiStickers [TT09].

FlexMolds [MPB16].

Flight [GNHM15, GYNB18, KZSR16, ABW+17, CHW2H17, HHHW15, JWL+13, KWB+13, MHH+17, NZV+11, SHW16, USI14, WP2L17, cWP03].

Floating [FG14].

Floral [IOO10].

Flow [BSH04, PLS+15, SS14, SDN18, VBBF16, WSL13, BWHT07, BLR+11, BHN07, CW213b, CPS13, GGT17, IYAH17, KySK10, LADO8, LZF10, PCLC16, SAL+08, UB18, XFCY18, YWS+11, ZQ+14, vW02].

Flow-based [BSH04].

Flow-complex-based [SS14].

Flow-guided [VBBF16].

Flower [IYH14, JF05].

flowing [NGL10].

FlowRep [GVS+17].

Flows [HW+14, Sta03, YSB+15, Aca07, AIH+08, ABO16, CT17, GPH+18, NFD07, TWGT10, VBF12].

Fluid [CZY17b, DLF12, HH16, KFCM06, MTP+18, MSQ+18, MTPS04, OD015, RLY+14, SDN18, ZIH+11, ANZS18, AIA+12, ABO16, BGOS06, BGFAO17, BB07, BHW16, BB12, BHN07, BB10b, CMT04, CYZ17a, DYN03, DKNY08, GPH+18, GNS+12, HLIW+12, JF15, KTJG08, Kim10, KD13b, LJS+15, LAD08, LMK+15, MYH+10, TCP+09, SKM10, TLK16, WST09, WZT01, XFCY18, XIA+17, YCR+15, ZNT18, ZM13, ZBG15a, ZLB16a, ZB05, dGWH+15].

fluids [APKG07, AAT13, Ang17, CKPS17, ETK+07, GBO04, GKBH12, GTH14, HK05, LMS16, MM13, PICT15, PGT12, RMSG+08, TLP06, YJ+16, YT13, ZB14, ZJ09, ZLQF15].

Fluorescent [HF1+08].

fluttered [RAT06].

flux [HRB13].

FlowRep [SS17].

Fly [DNZ+17b, DNZ+17a, LLYB13, RST+07, VSL13].

Foam [YSB+15, BDWR12, KLL+07].

foams [DBW15, IYAH17, MDL16, MSD17].

Focus [DPW15, MWH+13, HCO15, KHKR11, LES10, NAB+15, MGT+03].

Focal [MFL17, AWGB04, PMOR10, XMZ+14].

Focal [DPW15, MWH+13, HCO15, KHKR11, LES10, NAB+15, MGT+03].

Focused [OKH+16].

Foldabizzling [HAZ15].

Folded [KMM17c].

Folding [NPO13, KFC+08, ZMS14].

Folds [JHR+15, LSVG18].

Foldsketch [LSVG18].

Foley [LJ14].

foliage [BNB13], foliations [CSZ16], font [OLAH14], FontCode [ZZZ18].

fonts [CK14a].

Fool [YRPF09].

footage [APS+14].

Force [GIF+18, RP09, UMK17].

force-sensing [RP09].

forces [BP08, TMOT12].
TS06, VRM+18, YYW12b, ZM11, ZDI+15. **fundamental** [DJ17, DJ18]. **Fundamentals** [GGS03]. **Furniture** [YKGA17a, FSY+15, LOMI11, LHAI15, LHLF15, MSL+11, SLR+16, SFJ+17, UIM12, YKGA17b, YYT+11]. **Further** [AFP+95]. **Fusing** [OKH+17, BML+14]. **Fusion** [FG11, DMB+14, LOW18, DKS+16]. **future** [CTH+14]. **Fuzzy** [Ree83, KT03, KLM+12].

Gabor [GLLD12, LLDD09, LD11]. **GADGET** [FH04b]. **gait** [WP09a]. Galerkin [EB14, SSW+13]. **galleries** [XZCOC12]. **games** [KGBS11, SHK+14, WAH+10]. Gamut [SCB88]. **GAN** [XFC18]. **Gap** [YW13, DHL14, HYG+13]. **gaps** [ABO16].

Garment [CZL+15a, RKS+14, YPA+18, BSK+16, BPS+08, BSBC12, SMD+15, UKG11]. **garments** [BGK+13, LSGV18]. **gas** [AIH+08]. **gases** [FOK05]. **gathering** [QSH+15, REG+09, SIZL10]. **Gauss** [FTP16]. **Gaussian** [AGDL09, BJ10a, IAF09, KWN+17, LRL+15, ZFWW18].

Gaussians [XSD+13]. **Gaze** [JSSH15, KBP+12, TZZ+18, ATM+17, BMSG09, MSM+17, PSK+16, PRMG16, WSXC16].

Gaze-Aware [TZZ+18]. **gaze-contingent** [ATM+17, MSM+17]. **Gaze-Driven** [JSSH15]. **gaze-tracked** [PSK+16].

GazeStereo [KDM+16]. **gems** [GS04]. **gemstones** [GS04]. **genBRDF** [BLPW14].

**General** [FH93, KK91, Lev84, LXW+11, AW11, GS85, NH08, PBD+10, STXJ15, TLK09, ZHW12, ZSCJ13].

**General-Purpose** [Lev84]. **Generalization** [Bl82, GMH15, LD89]. **Generalized** [BHW16, BK85, BK87, CBvdpP10, Lew87, Pet89, Sai89, SPGT18, SM06, ZYH+15, AMZZ99, CDP+14, GTJJS17, JKSH13, TK14, TKY+17]. **Generalizing** [IAF09, RTK+15, WPP14]. **Generated** [BS88, BS90, MSK10, OHR14, TL04, YGM97, ZAJ+15]. **Generating** [BYMW13, GAL+09, HA92, RH16, WLO+14, KSH+16, LDS+11, MPK09, NCV005]. **Generation** [PC82, VW94, VLA15, VW92, YIC+14, Zvd88, AF02, BDK+16, CSDD03, DK09, DH06, FH04b, GJTP17, GGG+13, GLY+03, GAS08, JBP06, JFH+15, KAB+10, LHM09, LDPS84, LPRM02, LAC08, LKvK+14, MCC09, RSL16, RCOL09, SP16, TPSHSH13, TS08, TWD09, WMC11, WIV05].

**generative** [JDG+17, HYZ+18, LXC+17, MC12, TTR+17]. **generators** [PV06]. **Generic** [GGT17, LSK+06]. **Genetic** [Sah18, SAMWL11, BLPW14]. **gentle** [BP08]. **Geodesic** [CSR10, LFXH17, PHD+10, RSH18, LXY+16, QHY+16, WXW09, YWH+13]. **Geodesics** [CWW13b, SSK+05b, YXH14]. **Geometric** [ACP+01, BG96, BHI84, BBGO11, CCK92, DB88, EM90, FH97, Gol84, Gol85a, KCM08, KMP07, LPW+06, Mil87, NN90, PPV95, SPHS+17, TBB003, TR98, TQ94, BLTD16, CPSS10, GCO06, Hev84, HFG+12, HPSZ11, HB89, HZvK+15, HYG+15, IYAH17, JAR89, KKY+11, KGL16, LDPS84, LKG+03a, LZ14, LJGH11, MJBF02, PKC+08, PKZ04, PM05, SAZK06, SDGP+15, SD89, THW+14, WFL+15, ZHW+06]. **geometrical** [VABB09]. **Geometrically** [Sei93, BEB12, JBP06, RVB+03]. **geometries** [WD+15]. **Geometry** [CCK92, CSBC+17a, FGN84, GGH02, GXY+17a, LMS13, LH04, PK05, PLW+07, RVAL09, SRH+15, SGWJ18, TGL17a, WC90, dGMM14, AMD02, AAM03, ABO16, BBB+10a, BW13, BBA+07, BB10b, CLSM15, CK11, CSBC+17b, DLS08, DHOO05, FKY+10, FW06, GVWT13, GF12, GMP+06, GXY+17b, HDA17, HLZ10, K05, KS04a, LAG09, LC0LE07, MG10, MGP06, MMT07, NDR05, PBS04, PKKG03, PMW+08, PL06, PM05, PSE07, RY05, SBW95, WR04].
Geometry-guided [RVAL09, DLSCS08], geometry-based [AAM03],
geometry-impostor [PK05],
geo-posters [DHO005],
GEOposters [DHO005].

GEOstatistical [MK05], GesTalt [NSX+11], gestural [GBW05],
Gestures [LKTK10, NKA508, BVS16, LGK+16, SN17, TFK+03, BVS16],
gestures [RTK+15]. gesturing [JHS12],
Getting [McI92], Ghost [SB12, FKN17, GKT13], ghost-free [FKN17, GKT13],
ghosting [SLV+13],
Gigantic [CGG+04, IG03]. Gigapixel [HLSH18, KUDC07],
Girth [XWC+16].

GJK [MPB17a, MPB17b], GKS [DFM88],
Glare [RAWV08, TAHL07], glass [WGL+18], glasses [FKN17, SLV+13],
Glint [LK+06],
glints [YHJ+14].

Global [BYRN17a, BR07, C11, CSS96, CLSS97, MZ12, PTSZ11, RWG+13, VMKK00,
WHSG97, AFO05, BYRN17b, BAERD08, BLDA11, BMW+09, BCW17, CBK15,
CNR08, DSDD07, DKH+10, DDP99, FLB16, GD04, ISS16, JSKJ12, KJDLO9, KFB10,
LALD12, LWC+11, LXY+16, MA06, MZ13, MPZ14, NKR06, OHX+14, RLL+06, SL17,
SFWG04, SKC+14, TL04, TMRL14, TPWG02, VAZH+09, WWZ+09, WS99, YNW16, YSJ17].

Globally [DNZ+17b, ISS17, KLS03, KCPS13, ZLWH16, DNZ+17a].
GlobFit [LWC+11].
Gloss [BOD+13, TDR+12, WAKB09],
Glossy [CSS96, CLSS97, DKLH+10, HKBW09, IDN12, LKYU12, SM06, WTL06b, WSM11],
glove [WP09b], Glyph [XZZ18], Goal [YIC+14], Goal-Based [YIC+14],
GoLD [BBGO11],
GPU [ASA+09, BFS03, BFK+16, C15W15, CW17, DKHS14, GBK05, HR05, HG09,
HZG08, HZG09, JCW09a, KKSS18, KB12, KPM16, KW03, LSK+06, LHZ16, LB06,
NMLH11, NMLH14, NLM12, SF09, SJP05, SKB+14, WWZ+09, WHY+13, YW16],

GPU-accelerated [CW17, KB12],
GPU-based [CIW15, GBK05, HR05, WWZ+09, WHY+13]. GPU-decodable
[KPM16].

GPU-efficient [NMLH11, NMLH14], GPUs [BSL+16, BFH+04, CM14, FKH+10, KGB+09, SS10a,
SKK+12, ZHX+07, ZHR+09].

GradientCut [RK04B].

Gradient-domain [BPE17, FLW02, GHV+18, KMA+15, LKL+13, PKCH18,
ZXZ+07, Aga07, ARNL05, BZCC10, GFT+11, GBC+13, HSL+06, KH08, KSH10,
KLS+13, LHM09, MRK+14, MKD+16, MP08, SWL07, XLXJ11, YZX+04],

gradient-based [GBC+13].

GradientShop [BZCC10].

grading [HSG13, KVS015].

Grammar [LCK+14, SP16].

grarners [DLC+15, LWW08].

GRAMPS [SF1+09].

granular [DBD16, MPH+15, MPG+16, NGL10].

Graph [FH97, KL17a, ACXG09, FSH11b, KL17b, KSE+03, LVS+13, PRAV09, RK04B,
WLL+14, YWH13, ZHS+05].

Graph-constructor [FH97]. graph-cuts [LVS+13].

Graphcut [KSE+03].

Graphical [Cas91, ZCL18].

Graphics [Bar86, HC86, Mac86, OBH02, PK83, Res87, SG91, FNvD82, LZH+17].

[AMS03, CM83, CTS82, Coo86, DMZ+17, GF82, GJ04, LMR83, LN84, Le84,
MRC+86, OKH+16, Pik83, Web88, WW82, AM03, AHAM15, AM03, ACM10,
BK15, BDM09, BFH+04, CHM+12, CTH+14, DRvdP14, DRvdP15, DN02].
DNB+05, EPD09, FSH11a, FH11, GLdFN14, GM05, Gol02, Gue07, GFD+12, HGF14, HMG03, HCW15, JP02, KKSS18, KTL+04, KFS13, LWA+12, LHLK10, LB05, MGAK03, MCHAM06, NHO8, OHR14, PTSO15, PBMH02, RKLC+11, SFLM04, SHL+17, SFB+09, WP06, ZHWG08, Bea88, Pav90, WP90.

Graphs

[HTCH15, LVY16, BDK+16, DH96, FCW+17, KGp02, LRFH13, LCK+14, MC12, PSBM07, PKC+16, RP07, SH07, SPGT18, She13, YBY+13, JTCW07].

grasping

[Liu09, ZZMC13].

GRASS

[LXC+17].

Gray

[DSZ17, KJDL09].

greedy

[RKZ11].

Green

[AAPS16, LLCO08, AAPS17, JP03].

Green-Screen

[AAPS16, AAPS17].

Gregory

[LSNC09].

greyscale

[WAM02].

Grid

[And82, BCE+13, CPD07, CM11, CMMK15, JLS+03, LZF10, SABS14, SaS02, WIK+06, YY17, ZLC+13].

grid-based

[JLS+03].

grid-free

[CMMK15].

GRIDiron

[MCS15].

Grids

[McI83, AGL+17, EB14, LH04, ZG02].

Group

[KLLT08, CGM11, KCD09, LZH+17].

Grouping

[SB95, Che13].

GST

[KPM16].

gTangle

[SP16].

guaranteed

[MGT+03, VSK+17].

guarantees

[GMP09].

Guest

[Tan83, BGG9b, BGG9a, BG90, Fol86a, Fol86b, Fol86c, FGN84, FR87, Fuc82, Pha18].

guidance

[HKAK14, LzC11, LXS+18, WFL+15].

Guide

[NB11].

Guided

[CZL+14, LYY16, UIM12, ULP+15, WWZ+06, BLR+11, BBPD12, CZ17, CAWH16, FJL+16, GJTP17, HGC0+12, KLF12, MTM16, PCSS06, PK05, PalvPD18, RYL13, SGM12, SHK+17, VBBF16, WLZ+09, WPKL17, WSL+14, XKO7, XZY+17, YCZ11, ZZI+17, ZXS+12].

guidelines

[MSL+11].

guiding

[SY05].

Haar

[LF08].

Hair

[KM17, PCK+08, YSK09, BBN+12, BAC+06, CWW+12, CWW+13a, CLS+15, CSW+16, DBDB11, DJBDDT13, EBG14, FMB+17, HZW12, HMLL14, HMLL15, JMM09, JGT17, KNO2, LLR13, MJC+03, MSW+09, MM06, WMS04, PBS04, RZL+10, SPJT10, SLF08, WYZG09, WQG05, XMR+11, XWW+14, ZCW+17, ZYWK08, ZRL+09].

hairs

[ZZI+17].

hairstyle

[HMLL15].

hairstyles

[HML+14, PKC+08].

Halftone

[CCLM13, KP18, PH15a].

halftoned

[KL12].

Halftones

[Knu87].

Halftoning

[GRS93, PQW+08].

Halfway

[LLN+14, EBJ+06].

halide

[LG+18, MAS+16].

hallucination

[GWM+08, SPDF13].

Hamiltonian

[LLR+15].

Han

[YXH14, XW09].

dhand

[CWL12, DLK18, HLW+18, IBP15, JSMH12, SKP08, SKC+14, TBC+16, TPT16, TTR+17, WP09b, WZM+13, XWSY15, YL12, ZYQ+14].

hand-colored

[DLK18].

hand-drawn

[BK94, IBP15, ZYQ+14].

hand-held

[DLK18].

hand-tracking

[WP09b].

handed

[LG+03b].

Handle

[AFTCO07, DLSCS08, She13].

Handle-aware

[AFTCO07].

handles

[YK14, YCHK15].

Handling

[FG90, MCKM15].

Hands

[TSLP14, DYY16, RTB17, SSB+15, SDO+04, TTT+17].

hands-on

[DYY16].

Handwriting

[HAB16, Zit13].

haptic

[LSCS14, OL03].

Hardware

[NKK+14, VKJ+17, AMN03, AMS03, AHAM15, AAM03, BKKL15, BFH+04, CBCGO2, DFHM13, FHH11, HBD+14, HDD+16, HMG03, JP02, LB05, LSN09, MGAK03, MCHAM06, NPP+11, NL13, PVL+05, PBMH02, WFH+07, ZHWG08, JLBM05].

hardware-accelerated

[PVL+05].

harmful

[SL+16].

Harmonic

[BCW17, CAJ09, JMD+07, WSSK13, ZJ09, BCW109, CW15, CCW16, LW16, NSF12,
Harmonics [BXH+18, MWM08], harmonization [COSG+06, SJMP10], hashing [ASA+09, GLHL11, LH06b, NZIS13].

hatching [KNBH12], Hausdorff [TLK09].

HDR [AFR+07, ASC+14, DGH16, DTPG12, EKD+17, GKT13, MKRH11, SKY+12, TKTS11]. HDR-VDP-2 [MKRH11]. head [KBBD17, LTO+15, SED16].

head-mounted [KBBD17, LTO+15].

Headdon [THT+04]. Heads [LT06].

headshot [SPB+14]. heat [CWW13b, VBCG10].

Height [MLS+18, PP94, Pag98, NSB13].

Height-Field [MLS+18]. held [CW12, IBP15, ZYQ+14]. helices [BAC+06]. Helmholtz [YCR+15]. helper [MK16]. HelpingHand [LYFD12].

hemoglobin [TOS+03]. here [CLC14].

Hermite [AA09, BI92, JLSW02, Pet89].

Hessian [BLdG16, LLR+15, SJJ12].

Hessian-based [BLdG+16, SJJ12].

heterodyned [VRA+07]. heterogeneious [BBO+09, DWd+08, KHLN17, LMAS16, MPG+16, PvBM+06, STPP09, WZT+08a, WXCH15, XMZ+14].

heuristic [XGC07].

heuristic-based [XGC07]. hex [FXBH16, GJTP17, GPW+17, LXL+12, LSVT15].

hex-dominant [GJTP17]. hex-mesh [LSVT15].

Hexahedral [GDC15, SRUL16, SRUL17, LZX+18, LBK16].

Hexahedral-Dominant [SRUL16, SRUL17]. HexEx [LBK16].

Hidden [And82, SO92, HZ82, KK87, MK87].

hidden-surface [McK87]. Hiding [FKN17, PH15b]. Hierarchical [FB95, HNB+06, KT03, SCA02, XSTN14, YHB05, dFP95, BCRK+10, DF88, DDP99, JB02, LZX+08, ODJ04, PBYV17, SPO10, Sze06, VdFG99, YWVV13, YGH+17, vKXZ+13].

hierarchies [BSW02, WBS07]. hierarchy [YY17].

High [AAPS16, BGAM12, BBB+10a, BHB+11, BBN+14, BHPS10, CKH18, CLS+15, CJN+17, CCS+15, DGH16, FJA+14, GHCC88, GBAM11, HW15, HRH+13, KSA13, KUWS03, MEA+18, MCHAM06, Mus13, OLSL16, RA106, SMM14, STTP14, SHS+04, SJA08, TREQ016, Tsa71, Van82, WHB+12, WJV+05, YSN+18, ZRB14, ZKU+04, AGL+17, AGDL09, AAPS17, AYL+12, BWG03, BTFN+08, CS00, CBZB15, CADS09, CCOST05, CTW09, DD02b, ESCK16, FLW02, GO12, GT96, HSG+16, HFH+17, HBD+14, HG09, HSHF10, HCTW11, KSB+13, KR17, KKSS18, KZP+13, LRT+14, LGX+13, LSA05, MRK+13, MKMS04, MEMS06, NKGR06, NB11, SWTC14, SWFG04, TAH07, TAH+04, THG99, Van06, VLD+13, WAC07, WLHR11, XCLT14, YHJ+14, ZSCS04, ZHRB13, ZJ11, ZWL+18, ZSTB10, LCTS05].

High-accuracy [CKH18]. High-contrast [STTP14]. high-degree [CADS09].

High-Dimensional [MEA+18, AGDL09, GO12, ZWL+18].

high-dynamic-range [DD02b].

High-fidelity [OLSL16, YSN+18, CBZB15, HCTW11, SWTC14, XCLT14].

High-Level [Van82, HBD+14, LRT+14].

High-order [SMM14, ZRB14]. high-pass [CCOST05].

High-Performance [Tsa15, KKSS18].

High-Quality [AAPS16, BGAM12, BBB+10a, BHB+11, BBN+14, BHPS10, CKH18, CLS+15, CJN+17, CCS+15, DGH16, FJA+14, GHCC88, GBAM11, HW15, HRH+13, KSA13, KUWS03, MEA+18, MCHAM06, Mus13, OLSL16, RA106, SMM14, STTP14, SHS+04, SJA08, TREQ016, Tsa71, Van82, WHB+12, WJV+05, YSN+18, ZRB14, ZKU+04, AGL+17, AGDL09, AAPS17, AYL+12, BWG03, BTFN+08, CS00, CBZB15, CADS09, CCOST05, CTW09, DD02b, ESCK16, FLW02, GO12, GT96, HSG+16, HFH+17, HBD+14, HG09, HSHF10, HCTW11, KSB+13, KR17, KKSS18, KZP+13, LRT+14, LGX+13, LSA05, MRK+13, MKMS04, MEMS06, NKGR06, NB11, SWTC14, SWFG04, TAH07, TAH+04, THG99, Van06, VLD+13, WAC07, WLHR11, XCLT14, YHJ+14, ZSCS04, ZHRB13, ZJ11, ZWL+18, ZSTB10, LCTS05].

Highlight [BIW93, BSEH18].

Highlighted [KHKR11]. highlighting
YSQS07, vW02, AASP17a, AS07, AMMS08, BGKS17, BSFG09, BC02, BZCC10, BHY15, BKR17, BPB13, BA83, CHM+12, CW+16, CSW+16, CKS+17, CDSD13, CDPD07, CTW09, CCT+09, CZM+10, CGZ08, CSHD03, CSRP10, DMF15, DAD+18, DCP14a, DZPZ09, DTPG11, DCOY03, Fat08, FCA09, FLB17, GSY+17, GO11, GO17, GCB+17, GRBN09, GMW16, HSLG11, HS+12, HRDB16, HBD+14, HDD+16, HWHR13, HST+14, HDN+16, HLR+17]. image

[HMG03, HXM+13, HZW+13, HS+17, HYG+13, HKW15, HOM15, ISSI16, ISSI17, JCW09a, JTC09, KEE13, KP02, KKD12, KSP13, Kou16, KSE+03, LHM09, LWA+12, LD+14, LSQ+15, LGA+18, LYY+17, LFB+13, LSS+17, LSC+12, MMH+09, MAS+16, NFD07, PHL+09, PHK11, PGB03, PSA+04, PTSZ11, PHS+18, RKAP+12, RFWB07, RPK+12, RHGD10, RGSS10, SFLM04, SLJT08, SJA08, SLS+16, SMGE11, SSY+04, SD+18, SHM+14, SLWF14, SSD09b, SJMP10, TFX+08, TYS09, TS08, VRC+13, VT04, VBFG12, VBFB16, WWH06, WTS08, WYY+10, WYX11, WFP12, WHB+12, WLL+14, WWA+16, WHLR11, WST08, Wym05, XLY09, Xia97, XSTN14, XYJ13, XSHR18, ADR12, YSN+18, YSQ08, YJHS12, ZZXZ09, ZN06, ZCW+17, ZII+17, ZCC+12]. Image-Based

[BBPA15, BN13, KRFB06, KLS+13, LKG+03a, LCL+17, MPN+02, MZVW07, QTZ+06, SKG+12, TZW+07, TOS+03, VBK05, XFT+08, XFZ+09, YTS11, BKR17, CWW+16, CDSDH13, DCP14a, HRDB16, HLR+17, HMG03, LWA+12, NFD07, SSY+04, VRC+13, VT04, VBFG12, VBBF16, WFP12, XSHR18, ZCW+17]. Image-driven [LT00]. Image-guided [BLR+11, XK07]. image-noise [CTW09]. Image-space [DCD15, RJJ16, Wym05]. image/video [SLJT08]. Imagery

[MRC+86, MGDA+15, HH10, KH10, KSC10, NAB+15, SSJ+11]. Images

[DRC+15, LR90, SB95, SCB88, TLG17a, WS17a, ZLW+16, AM10, BBS14b, BPD09, CAA09, CW+13a, CWC11, CLQW08, CZG+11, CHM+10, DSB+12, DER+10, DTPG12, DD02b, FKY+10, GGH02, GSL+08, HCS13, HCE03, HC04, HDC07, HZ11, IKCM13, JMAK10, KO8, KSH10, KP18, KUD07, LBP+12, LSA05, LSO+15, LYT+14, MCL+09, MPK09, MBN07, NFL12, ODA05, OTS06, OBW+08, OG15, PBS04, RSS02, SDIN18, STZ+16, STXJ15, TLG17b, TD16, TA+04, THG99, TT09, WWOH08, WSH+16, WAM02, WS17b, XLX+16, ZCC+12, ZFL+10, ZTF+18, LR91]. ImageSpirit [CZL+14]. Imageworks [KCS18]. Imaging

[DMZ+17, GNHM15, GVNB18, KZSR16, ABW+17, BGK16, BNGK17, CHWH17, Fre16, GKH02, HSG+16, HR+13, HHGH13, HHHW15, IGP+17, ITM+14, KR17, Kan15, KRD+12, KN06, LCY+04, LLW+14, LOW18, MKR+13, MMH+17, NZ+11, Par17, PKHK15, PH15b, RFT+04, RRF07, SHHW16, SDP+18, SRL+15, TALH07, WZK+17, WJ+05, WW13, XIAP+17, ZMB11]. Imagining [SMZ+14]. Immersion [LB18, HFI+08]. immersive [GWN+03, HCCW15, LNB03]. impact [SKV+12, SN17, VSK+17, WJS017]. Imperceptible

[KOOP11, LSL+18, MWH+09]. Imperfect [RGK+08, SPT18]. Implementation [Day90, Mai92, KW03]. Implemented [LS00]. Implicit [BIW93, BGI+18, DSSD07, KSNG17, Roc89, Tau94, VBG+13, ATW+17, CH89, DBD16, GMP09, GBC+13, LT09, LDN+18, MSL15, OBS04, PICT15, PV06, SSGS11, SSS04, SS11, TO02, WG09, YYW12b]. Implicitization [Hob91]. Implicitizing [SG17]. implicit [OBA+03]. Importance [CSS96, SLGS01, ARBJ03, CJAM05].
CAR+09, CK11, DLC+15, GLY+03, GJK+05, GDC+17, HR13, HSTP11, HsvTP12, IDN12, KBD07, KW11, KN02, KSKL14, LCR+02, LRA+07, LFZ15, LWW08, MTL+15, MSL+11, MCC09, NGDA+16, Ols88, PHT+13, PKZ04, PJHI+17, RHW94, RRS13, RZL+10, ROTS09, RTO+10, Ros94, SM17a, SM17b, SGW06, SXZ+17, SWC+18, SWL11, SLS+07, SSS+08, SCGT15, SSJ+11, SZC+07, SZZ+08, TLK09, TK14, TBWP16, TDM11, TQ94, TPG02, VVC+15, VABW09, WBC+05, WST08, WS17a, WS17b, XMR+11, XLCB15, XLX+16, YMRD15, YKGA17a, YKGA17b, ZB13, ZCC+12, dSAP08, AR15, BCT15, BWG03, BBPP10, BAERD08, BDI+02, BGG+05, CK14b, CZZ14, CTW09, DSSD07, DKP11, DE05, DTPG11, DPF03, EVC+15, FNvD82.

**intermediate**
[GM05, HZW+13, HHH+02, IIM12, IOO05, JYL09, JP03, JX96, JMY+07, JRT+15, KTL+04, KYC+17, LWB+10, LACS08, MTP+15, MWR12, MWRD13, MCS15, MI07, NAI+18, NSZ+10, NHAH03, OHB+11, PMOR10, PPZ+11, PTG02, PSK+12, RKKS+07, RMD04, RKB04, SMM14, SXZ+12, SHL+17, SLD17, SSS+04, SSI18b, SPF13, TBC+16, UBW99, UKIG11, UKSI14, UPSW16, UB18, VGB+14, WTL05, WAC07, WWZ+09, WSZ+14, WS99, WTBS07b, WDR11, WM05, YJL+16, YMR+13, YHZ+14, ZG04, ZHR+09, ZLE14, ZPKG02, vdBHT+07, LCXS09].

**Interactively** [ESCK16, SRH+15, YCP16].

**interception** [YLNP12].

**Interchange** [KP92].

**Interchangeable** [DYY16].

**intercluster** [Xia97].

**interest** [ZK13].

**Interface** [BL18, FoJ86a, FoJ86b, Ho86c, HC86, Hud94, RvE93, RO04, BJS+08, DK99, FHH04b, GCR13, HK10a, IZW10, KP09, KP10, MB12, NSACO05, Ols84, PTG02, Pel10, TBVP04].

**Interfaces** [Bar86, BD86, Jac86, SG91, Ano03, LRFN04, SH08].

**Interference** [HPSZ11, RV89, KWB+13, MHM+17].

**Interference-aware** [HPSZ11].

**interferometry** [GLDZ15].

**interior** [MSL+11].

**interleaved** [JJGN15].

**Interleaving** [TWAD09].

**interlocking** [FSY+15, SCGT15, SFCO12, SFJ+17].

**internal** [MTB+13, ONO04].

**Internet** [CCT+09, CZG+11, HZZ11, MBGS15, STZ+16].

**interplay** [CMT04].

**interpolants** [BDT99].

**interpolated** [SH07].

**Interpolating** [FG90, SOS04, LLY08, RP09].

**Interpolation** [Bl92, BW93, BF01, DLG90, Fei85, FoL87, JW15, Pet89, RY92, SDN18, VTSSH15, WX91, BvdPPH11, CWWK13, CW16, FZL+15, GTJ17, GAF+10, MHM+09, Mal89, MK05, PR97a, RSM10b, WV97, VBK05, WGI0, YSW+17, ZPBK17, ZKU+04].

**Interpolations** [Thu17a, Thu17b].

**Interpolatory** [AA09, DM13, ZM11].

**interpretation** [CKX+08].

**Interpreting** [SLZ+13].

**interreflections** [CRA11, DDTP15, XCM+14].

**Intersecting** [CCW93, KS95, MD94, LB18].

**Intersection** [ACC90, CGM91, KM97, MST89, Mil87, NY94, NPP+11, SHH99, VMT06, WFP12, Bak94].

**Intersections** [FNO89, MD94, SJ94].

**intervals** [ZS00].

**interpretation** [BL18].

**intra-scale** [YSQ08].

**Intrinsic** [BBS14b, CSBC+17a, DRC+15, LWQ+08, LFXH17, WP06, XWC+16, YGL+14, BHY15, BST+14, BPD09, CSBC+17b, ED04, KLF11, LBP+12, MRZ+16, ROA+13, TBW+12, XZT+09, XZJ+12].

**Introduction** [BG89b, BG89a, BG90, Ber82a, Ber82b, FoL86a, FoL86b, FoL86c, FGN84, FR87, Fuc82, Pha18, Ros94, Tan83].

**Intuitive** [BL18, LC15, BK04, GCR13, SGZ+16].

**Invariant** [NY94, BHR13, BBGO11, CGZ08, KPM+17, LSC+08, LSLC05, MTP12, MWTK13, PR97a].

**Inverse** [BJNJ18, DSP06, DJBDDT13,
GDAB+17a, GZB+13, HMLB16, HXM+13, LJJ14, LBAD+06, VGDA+12, WHZ+08, WDR13, WYD+14, ZB94, BWS10, CZXZ14, DJBTD10, DIO+12, GDAB+17b, GP08, GITH14, GMHP04, LP10, LHP05, LCX16, SZT+07, SZGP05, WPP14. Inverse-Foley [LJ14]. inversion [FL16]. inversion-free [FL16]. Inverted [KH17a, KH17b].

Invertible [AX90]. investigating [MBB12]. Investigation [BS90]. iridal [POB09]. iridescence [BB17, WBJH17].


isocurve [EC96]. isocurve-based [EC96]. isolines [AFTCO07]. Isometric [Sah18].

isometry [TMRL14]. Isosurface [LS07, VW94, VW95, VW92]. isosurfaces [LDS03, WHDS04]. Isotrophic [PVY90].

Isotopic [MCSA15]. Isotropic [BHN16, SBN15, TWAD09, WOR10]. Issue [BG9b, Fol86a, Fol86b, Fol86c, FGN84, Pha18, Ros94, St092]. iterated [RKB04].

Iterative [HL14, LKE18, DBBD11, JTL+12, JDD03, Wan15]. IV [AB89]. iWIRES [GSMCO09].


jitter [TBV12]. jitter-free [TBV12].

Joinery [YKGA17a, CPMS14, YKGA17b].

Joint [DSAF+13, GKH+13, HKG11, KCLU07, LSQ+15, LXWY+09, GCPD16, HKW15, HOM15, ISSI16, KAL+17, TBC+16].

Joint-aware [XWY+09]. joints [LT08, SZ15]. Jump [BJN18, ZG04, YYW+12a, AGB+16].

JumpCut [FZL+15]. junctions [KPP17].

K-D [XLI+09]. kaleidoscope [HP03]. KD [AGDL09, ZHWG08]. KD-tree [ZHWG08].

KD-trees [AGDL09]. kelvinlets [DJ17, DJ18]. Kernel [BVM+17, SBN15, WDT+09, Fat11, FKY08, LSR18, LDF14, SJP05, VRM+18, WWB+14].


laboratory [ZJ18]. laden [GPH+18].

Lagrangian [BGOS06, BvdPP11, CWSO13, FLLP13, KDW16]. Landscapes [BLDA11].

Lamps [RBV+02]. Lampshades [ZLW+16]. landing [ATM+17, HYL12]. landscape [BLDA11].

Laplace [HA92]. Language [DMZ+17, Jac86, KKRK+16, Van82, ALDD17, GS82, HFF18, LTK09, YGAK03].

Languages [BK16, YPB16]. Laplacian [AFH+14, CSJ18, DLF12, JCY09a, KFS13, LSR18, PHK11, ZHS+05].

Laplacians [AW11, FW12]. Lapped [TOI18]. lapse [BM07, KCS14, LEN09, MBGS15, SMPR07, TDSG15]. Large [GNS+12, KABL15, SM17a, SJLP11, ZHS+05, BZ11, BWHT07, BZL+15, CB04].
least deformation [BZ11]. Large-scale [GNS+12, KABL15, SJJLP11, DFZ+17, GB13, JP03, KFWMI17, KSKL14, KPZK17, SWL11, WFDH18]. [YMR+13].

Large-scale [GNS+12, KABL15, SJJLP11, DFZ+17, GB13, JP03, KFWMI17, KSKL14, KPZK17, SWL11, WFDH18]. [BZ11]. Large-scale [GNS+12, KABL15, SJJLP11, DFZ+17, GB13, JP03, KFWMI17, KSKL14, KPZK17, SWL11, WFDH18]. [BZ11].

Laser [OKH+16, XGC07]. Laser-scanned [XGC07]. last [LSZ+14]. lattice [ANHD17, PMS12, RJ07]. Laughter [DZ08]. laughter [DZ08]. layer [MI10, LHKR10, LWH+11, LD13, PLW+07, ZJ18].

Layered [DYP03, RCOL09, VMCS15, WLHR11, ZXJ+13, BNK10, Bel18, BDW13, DS15, DJ05, DWd+08, FLB17, GHP+08, JDJM14, ZGH+16, ZKU+04]. layering [MP09a]. Layers [TG17a, HLR+14, PTSG09, Pik83, SMIH+11, TDG15, TLG17b, ZLB16a].

Layout [ULP+15, AVB08, BSW13, CCL12, FYY+16, JLS+03, MSL+11, YWW13]. layouts [BMYW13, CBK12, CK14b, FMLW14, MSK10, PYW14, RRS13, WYD+14, YLPM05]. Lazy [LSTS04, XFAT12]. LazyFluids [FJA+15].

LCD [HHLR09]. LCDs [LWH+11]. LDR [AFR+07]. Ldr2HDr [RTS+07]. leaf [RFL+05]. learned [ZZI+17]. Learning [BB15, C14a, FKT+14, FTP03, GSY+17, GTB15, GJWW15, HvwK+16, HLV+17c, HKC+18, KWR16, KHS10, KMBH12, KLM+13, LP10, LBB+17, LHP05, LYY16, LH17a, LH1b, LH18, LZH+17, RSY+05a, SSISI16, TGLT14, UBI18, VVC+15, YGH+17, YTL18, BDI+02, CHP07, GCB+17, HGY17, HSK16, ISS16, KBS15, KAL+17, LWL17, LGA+18, LKS15, MTP+18, NZC+18, PZM13, PBvdP15, PBvdP16, PBY17, PALvdP18, SBHH16, SCH+16, SSKS17, TKY+17, VKS+14, WZK+17, XZZ+14, ZTF+18].

Learning-based [KWR16, WZK+17]. Least [BIW93, DMZ+17, LPRM02, FCOS05, HFG+18, SMW06].

Least-Squares [BIW93, FCOS05]. leaves [WWD+05]. lecture [SBLD15]. legacy [KHFW11, RTS+07]. Legible [ZCR+16].


Level [Aca07, CH14, ECBK14, MBWB02, Van82, YCL+15, BHY15, CKIW15, CLM014, D05, FKY+10, HHTF15, HBD+14, HNB+06, KJ10, KC10, LRT+14, LWS02, MASS15, NNSM07, OBA+03, RSH05b, SLWF14, YJK12].

Level-of-detail [ECBK14, FKY+10, HHTF15]. Level-set-based [YCL+15]. levels [KWK09].


LiDAR [LGZ+13]. lie [Duf17b, Duf17a, KCD09]. life [AECOKC17, TMB14]. Lifted [APL14].

Light [BBS14a, BSB16, BJNJ18, CBCG02, CNR08, DPW15, DKS14, DJ05, GKS12, HSHF10, HMP+08, Kla87, LNA+06, LLR+15, LR15, MJ+03, OF01, PRM14, SHD+14, VMCS15, VPB+09a, WZK+17, YSHWH16, BHR13, BDM09, BSB17, BJD+14, DHS+05, EHR11, FAR07, Fat09b, GTH03, GLDZ15, GGHS03, HPJ12, HKD14, HPB07, HKWB09, HSG+16, HHDN16, HDC07, HHLR09, HWR14, HWBR14, HC15, IZT+07, JMB+14, JMY+07, KWR16, KHD14, KHKR11, KHH+11, KZP+13, KBC+13, KO11, KGH+14, LHKR10, LWH+11, LL13, LJM+16, Lho07, LZT+08, LAC+11, LALD12, LKL+13, LLW+08, MSR07, MLR+14, MRK+13,
light-driven [BDM09]. light-field [MRK+13]. lightcuts [WABG06, WB12, WFA+05]. Lighting [HZW12, NB04, PBM07, SW14, SWZ96], SHS+18, SS00, YY17, BAOR06, BBPD12, BPB13, CPWAP08, DWT+02, DCP+14b, KP09, KAMJ05, KLY+16, MW13, NRH03, NJS+11, RKK+07, RMB07, RN+07, RZL+10, SHS+17, SSK02, VVB+12, WSM11, XMR+11]. Lights [OKH+16, DKH+10, HKWB09, HWJ+15, KWN+17, NDDJ12, OP11, WHY+13, WR18]. LightSlice [OP11]. lightspeed [RKK+07]. Lightweight [BBB+16, UK17, VIV]. like [DSG+12, HZ11, KLY+14, MGA03]. Lillicon [BL15]. limbs [MWT13]. limit [TSL+16]. Limited [DBP+15]. limiting [WOR10]. Limits [BAU15, WP06]. Linde [DSZ17]. Line [And82, BKR+05, KYYL08, LMLH07, LB84, RWW90, SZLG10, SZG+13, VA88, BGAM12, CSD+09, FLB16, FZLM11, GTS10, GCR13, GRT13, JDA07, KNS+09, KKLK13, KSS17, NHS+13, PSH+07, Spv82, VKS+14]. Line-art [KYYL08]. line-drawing [Spr82].

Linear [Ale02, BSB16, DPW15, DMZ+17, DLTW90, DHI+13, Fle85, GTH03, HGM14, KW03, LS00, LSLC05, Mey91, NON85, OF01, RY92, WJBK15, WSS5, dSDP09, BB09, BBO+09, BSB17, CDP+14, CS09, DCP14a, FBL17, HSB+12, HDA17, HKG11, LMR+15, MMG06, MIGY+15, MHR+16, NRH03, PLR+16, SD02, TDM11, WHSG97, WB08]. linearization [KJ10]. linearly [HDH16].

Lines [Bak94, CH14, Fat14, MST89, YZX+18, CGL+08, FTP03, KK87, LLW17, OBS04].


live-action [DWT+02]. live-streaming [KDMW17]. lization [MPK09]. Lloyd [BSD09]. lobes [LPC+11]. Local [APH+14, BB83, BBS4a, GSV+14, HFC+18, KAL4, MP09a, MC14, PH11, PET89, SLS05, WGY+18, ZDL+14, ASC+14, CSHD13, CHS9, CSH87, DHI+10, DMF15, FF11, FLSG14, HZ13, ISS16, KS10, KAMJ05, LFUS06, MHR+16, RKK12, SFC+04, SL17, SSD09b, TMRL14, VMGM15, WHSG97, WRK+10, WGBB16, YSW+17, ZSW+10]. locality [SNB07]. Localized [HDA17, BWSS09, NVV+13, PHT+13]. Locally [BSB16, Pot91, RPPSH17a, SW18, SZE06, TIA07, WZ14, BSB17, CW17, FLG15, ISS17, MSR07, RPPSH17b, YSW+12a]. located [KKB+11]. Locating [HLV+17a, HLV+17b]. location [EKA84, UM17]. Locomotion [CKJ+11, KL17a, LPPK14, Awp16, CLS03, GvdPst13, KL17b, IWB+10, LLK+15, LLK11, MdLH10, PBvdP16, PBVV17, TTL12, WP09a, WPP14, WHDK12, cWP10, YLD07, YTL18, dSAP08, dLMH10]. LOD [VLA15, WHW04]. Logarithmic [LGQ+08]. long [AAC+06]. Look [CLC14, BPD06, DSG+12]. Looking [EML+18, Fro91, RPC+10]. loop [HGG+11]. looping [LJH13b]. Loops [HLSH18, CBK12, DLSCS08, LFH15, She13].

Mesh-Based
[Erl18, SZGP05, DBG14, TWGT10].

Meshed [CH02, Wil92].

Meshes [BSTY15, ERT14, LS00, NAH18, Sar00, TGBE16, YCP16, AW11, ATW13, AFSR03, BBJP12, CSPF12, CS09, CWS13, D13, DP13, EB14, EPD09, FOK05, FKY+10, FSK04, GGS03, GLLR11, HV04, IG03, JTPSH15, JSW05, KFCO06, LS07, LZW10, LSLCO05, Lip12, LPW+06, LXF15, LXY+16, MS04, MCKM15, MPKZ10, OBS04, PRP+15, PZW11, PPW18, PTC+15, PKC+16, PKC+17, SPGT18, SBZ09, SS08, SSW+13, SGC18, SP04, SLWS07, SSK+05b, SKC+14, TPSH13, TMY+11, TSC+14, TPT16, VM17, WM03, WTGT09, WPG16, YPPM11, YSK09, YKJM12, ZB15b, TGB13].

MeshFlow [DKP11].

MeshGit [DP13].

MeshHisto [SSTP15].

Meshing [SRU16, ACSYD05, BKE+13, CBK12, ECBK14, FBXH16, FLSE14, GPW+17, HZG+18, LLX+12, LZC+18, SRU17, WGF+18, ZGW+13].

Meshless [MHTG05, PKE+05, FGBP11, HLW+12, LZE+08].

Meta [Wim14].

Meta-representation [Wim14].

Metal [DWMG15, PH15a].

metallic [HCE03, PH15b].

metallophone [BLT+15].

metamodel [LWL17].

metamodel-based [LWL17].

Metamolds [AMG+18].

metamorphism [COSL98].

Metaphor [SB93].

MetaSilicone [ZKBT17].

Method [FG90, LR90, LR91, LB84, MA92, MHNT15, PK83, ROC89, RT90, SAR00, YSB+15, ANZS18, BSD09, BGO06, BWH07, CZZ14, DBD16, DT06, FTP16, FGG+17, Gal99, GTJS17, GOB04, GHF+18, HZ11, HFG+18, JSS+15, JZW+15, KLL+07, LXY+16, MHH+09, MTPS04, SRF05, SSC+13, SS17, UBBW09, WDT+09, ZHLB10, ZB14, ZSTB10, ZZZJ13].

Methodology [Erl18].

Methods [CKC92, Era18, LKB17a, LC96, NN95, PP94, SPV+05, WH18, WP03, LKB17b, Nas87, NNS07, THG99, UHT17, WY16, YCBvdP08].

Metric [KH10, CKPS18, DMHG13, FCHG08, JFH+18, LBK17b, Nas87, NNS07, THG99, UHT17, WY16, YCBvdP08].

Metric-aware [KH10].

Metrics [WGY+18, CHM+12, CLW16, RP03, TGB13].

Metropolis [BJNJ18, GRS+17a, GRS+17b, HND14, LKL+13, LR+15, MK+14, Pan17, TLL+11].

metropolised [SOHK16].

Micro [GSCO12, KSZ+15, REG+09, KWN+17, Par17, ZJMB11].

Micro-Appearance [KSZ+15, KWN+17].

micro-motion [Par17].

Micro-rendering [REG+09].

micro-oscillation [SBdDJ13].

microdisparity [TDR+12].

Microfacet [BSN16, SHHD17, BB17, HHD16, HP17, JHY+14, WZT+08b].

Microfacet-based [SHHD17].

microflake [HDCD15].

Microgeometry [DWMG15, JCA11, WPMR09, YHW+18].

micrography [MBS+11].

micromirror [HSH10].

Micron [GLDZ15].

Micron-scale [GLDZ15].

microphone [DRW+14].

Micropolygon [HQL+10, FFB+09, HZ11].

microscale [NLW+16].

microscopy [LNA+06].

microstructure [NFA+15, YHMR16].

Microstructures [SBR+15, ZSCM17b, PRZ17, ZSCM17a].

mid [FY+16, LSCS14, ZF03].

mid-air [LSCS14].

mid-scale [FY+16].

mid-tone
Mie [FCJ07]. MIKE [Ols86].
millimeter [LGK+16]. million [LHLK10].
millions [HE07]. mimicking [SPSH14].
Mind [HYG+13]. Minimal
[XY+16, NJR15]. Minimization
[LWS+15, HS13, RKZ11, VMT06, WPL06, XLXJ11]. minimize [SDS02], minimizers
[LI14]. minimizing [HP04, KWP17, MCSK+17, WJZL08, Xia97]. mining
[MBSG15]. Minkowski [HLVD13]. MIP
[CS00]. MIPS [FLG15]. Mirror
[ZAE+14, WGL+18]. missing [ZBG15a]. Mix
[PDSH17]. Mix-and-match [PDSH17].

Mixed
[BSS+11, BZK09, HPK+17, BBPD12].
Mixed-integer [BZK09]. Mixed-order
[BSS+11]. Mixed-primary [HPK+17].
mixer [HHGH13, SLD17]. mixing
[GHKHi12]. Mixture
[RLY+14, GPH+18, HMP+08, VKS+14].
mixtures [PRJ+13, TGK+17]. Mobile
[NKK14, AMS03, HSG+16, WGJ+18].

mobility [HLY+17c]. Möbius
[LF09, WMV15]. mocap [CLM+13].
Modal
[JL11b, LFZ15, BDT+08, DCD15, HSTP11, LAJJ14, RYL13, ZJ11]. Modal-space
[JL11b]. Mode [ZSKS18]. Mode-adaptive
[ZSKS18]. Model
[BSN16, CT82, DK99, FW16, FHK14, GHHG17, Hud94, LMH+15, PC82, RLY+14, Sar00, TLP06, TGB18, WBG+16, XLCB15, ARS14, BBGB16, BWSK12, CAJ09, CH07, CZZ14, CZ11, CPS10, CLD+13, CHB+12, D111, DF88, DDS03, Dee05, DRE+11, DRE+12, DWd+08, DLR+09, ELFS16, EML+18, Fat11, FMB+17, FBGZ18, FD17, GWM+08, GMP+06, HHdD16, HP17, HW12, HOM15, JSB+10, KCKK12, KDR+16, KJ09, KNC+08, LWS02, LBB+17b, LMR+15, MPB03, MM08, MC12, PLR+16, PMRMB15, RGB16, RHHL02, SBaDJ13, SLF08, SFB+09, SRNN05, TOI08, TTR+17, TS12, UKSI14, Van06, VMGM15, WSH+16, WSJP17, WMP+06, WBGB16, XZZ+11, XYJ13, YSJR17, YJR17, YCL+15, YL10].

Model-based
[WBG+16, KNC+08].
model-driven [XZZ+11]. Model-reduced
[LMH+15].

Modeling
[AMZ99, BCX95, BCV+15, BR94, BSEH18, CXGS02, CFW13, CBKM15, FKS+04, GLL+16, HM92, HXM+18, KKW09, Kla87, LBJK09, LDS+11, LDPT17, MTB+13, NY94, OCH+16, PBCF93, RHSH18, Ree83, RFL+05, TDM+14, TWL+05, TB87, WZT+08b, WZT+08a, WQOS05, WYF+10, AAL16, AZB09, ASF+13, BAS14, BB17, BBO+09, BWS10, BJ+12, BK04, BWP13, CWW+12, CLS+15, CSW+16, CK10, CKGK11, CEW+08, CNX+08, CLW+14, CZL+15a, DP13, DJBDDT+13, DZS08, DTPG11, EBJ+06, FSL+15, GHP+08, GIZ09, GKT+13, GTR+06, HGY17, HPSZ11, HSTP11, HMG03, HMLL15, IKKP17, IIO05, IYY14, JTC09, JGGN15, KBD07, KW11, KMP07, KN02, KYY+17, KCVW13, LF02, LRAT08, LCXS09, Lee05, LT06, LST09, LT09, LPL+17, LPW+06, MWAM05, MPH+15, MWH+06, MZVW07, NKAS08, NFD07, NFJ02, OBH02, ODAO15, PPZ+11, PCL+12, PH08, PKKG03, PKZ04, PLKD18, QTZ+06, RS98, RMGH15].

modelling [RD10, RTB17, SZK15, SSTP15, SM15, SXZ+12, SLR+16, SSS+08, SK+17, TAV+10, TSNI10, TGY+09, TLL+11, TZW+07, TFX+08, TS08, TPT16, TMB14, UKG11, VB+13, VAWB09, VBK05, WTL+06a, WLZ+09, WOR11, WYY+15, WC10, WOD09, eWP03, WYD+14, XFT+08, XFX+09, XCG07, XZZ+11, XLY+16, YTJR15, YKJM12, ZSCS04, ZCW+17, ZXS+12].

Modelling
[TO02, DYY16, LPC+11, vdHDT+07].

Models
[GDAB+17a, Gre86, KSZ+15, KHL17a, NON85, PM18, RSC89, SCB87, VR94, WLX+18, ASK+12, AAR05, BJ05, BPK05, BGB+05, CCA+12, CGG+04, CDM+02, gGDPR02, DS15, DAB15, DSP06, DLS08, ESCK16, FGBP11, FH10,
mosaics [BA83, KP02, RAKRF08]. MoSh [LMB14]. Motion
[AJM12, AFO03, ACOYL08, AFP+95],
DKM+17a, GXY+17a, HTHC15, JTCW07,
KDR+16, KG02P, LCL06, LWB+10, LSC+08,
LWS02, LTF+05, MWGZ09, MC12, PSE03,
PKC+16, PB02, SPS+11, TZK+11, TBvdP04,
WFS+09, WLSL10, WF96, ZXS+12, AXR09,
AF02, Ar06, BHR13, BSS+13, BBA+07,
BLCDO2, CMZP14, CH07, CLQW08, CL09,
CLS03, CBL+16, CGZ+05, CHP07,
DWW+18, DCP+14b, DMHG13, DKD+17b,
ETH+09, EMO10, FP03, GSH18, GPD+18,
GSKJ03, GXY+17b, HYL12, HET+14,
HRvdP04, HRE+08, HKT10, HSK16, Hol18,
HDK07, HQL+10, HPP05, HCTW11,
HMT+15, IA09, JYL09, JHS12, KA08,
hKPS03, KHKL09, LG08, LSL08, LWJK09,
LPR+02, LSR18, LAGP09, LHG+14, LP02,
LHP05, LYvdP+10, LWC+13, LMB14,
LCX16, MP07, MCC09, MYW15, MK05,
MRC05, PHT+13, Par17, PH06, PCCS06,
PRMG16, PMRMB15, RAT06, RNd+07,
RP03, RP07, RPE+05, RSH+05a, RRC+16,
SHP04, SH07, SHU+16, SSBG10]. motion
[SJA08, SNF05, SKL07, SP05, TK05,
TBW+12, TAH+04, TGP08, VAV+07,
VSHJ12, WRDF13, WAO+09, WB08,
WMZ+13, WC10, WMC11, WZC12, WLP16,
WL16, XWHC15, XWL+08, YM16, ZSKS18,
ZZMC13, ZMF05, BZL+17].
Motion-aware [WFS+09]. Motion-based
[WLSL10]. motion-beat [hKPS03].
Motion-driven [AJM12]. Motion-guided
[ZXS+12]. Motion-invariant [LSC+08].
Motion2fusion [DDF+17]. Motions
[KH17a, DJ18, HHR+13, HOKP16, KG04,
KH17b, LJS14, LYYvdPG12, PCSS06, RV11].
motivated [MKMS04]. motorcycle
[SPGT18]. mountainous [BST09].
mounted [KBBD17, LTO+15, SPS+11].
mouse [HGR04]. Movement
[DKD+17a, DKD+17b]. movements
[NRH17]. mover [SRGB14]. moves
[XYH+18]. Movie
multi-camera [SHHW16]. multi-channel [HLR+17]. multi-character [KHKL09, Kou16, LWH+11, LMR+15, NMD+17, NAB+15, ODAO15, Par17, PLW+07, RTF+04, RP09, SM17b, SHHW16, SKYS08, SCT+15, SARW+15, TAH+04, VSDL13, VBG10, VWRKM13, VBMP08, VPB+09b, WWS+05, WLO+14, XLS+11, XLX+16, YCL+17, dAST+08].

Multi-Contact [KL17a, TFD+18, KL17b]. multi-dimensional [WWS+05].
multi-exposure [TAH+04]. Multi-feature [TFBW+10]. Multi-finger [GW05].
multi-flash [RTF+04]. multi-frequency [CTH+14]. multi-labelled [ZHCJ17].
multi-layer [LWH+11, PLW+07]. multi-layered [BNK10, BDW13, DJ05]. multi-level [OBA+03, RSH05b, DE05].
multi-light [FAR07]. multi-material [SARW+15, VWRKM13, YCL+17].
multi-object [FZBR16, Par17].

Multi-phase [Kim10, YCL+17].
multi-plane [NAB+15]. multi-projection [SCT+15]. multi-rate [HGF14, HDD+16].

Multi-resolution [WOR10, HSB+12, VBCG10]. Multi-scale [Ang17, BBA+07, CQD+18, LSA+16, MPH+15, RGB16, SM17a, SM17b, XZJ+12, ASL+17, FFLS08, FMB+17, FBGZ18, VSDL13].

Multi-Source [SM17a, SM17b].

Multi-species [TGK+17]. multi-touch [RP09].
multi-view [Kou16, NMD+17, ODAO15, VBMP08, VPB+09b, XLS+11, XLX+16, dAST+08].

multi-viewpoint [AAC+06]. Multibody [MHNT15, Er10b, KSJP08, LT08, TJ07].
multicopter [BDW13, CTH+14]. Multi-dimensional [HJW+08, HH90, RO85, RO87, WABG06, GM09].

MultiFab [SARW+15]. MultiFLIP [BB12].
multifocal [MSM+17]. Multigrid
[KS11, BFGS03, KH08, SYBF06, SBZ09, TJM15, ZSTB10].
multilayer [HBLM11, HLRBR12, WHLR12, YJB+14].
multilegele [GPCP13, KS11]. multilinear [TS12, VT04, VBPP05].

Multimaterial [DBG14].
multipath [KWB+13, MHH+17].

Multiphase [YJL+16, YYW12b].
multiplane [ZTF+18]. Multiple
[EP091, HHdD16, HC86, Joe89, KF93, LSSF06, RLY+14, AWBG04, APS+14, FG11, KGB+09, MYRD14, MM06, MWM08, PBS04, SDIN18, WTL05, WQW+05, WSVT13, WMW15, YCR+15, ZYWKO+8].

Multiple-Fluid [RLY+14, YCR+15].

Multiple-knot [Joe89].

Multiple-scattering [HHdD16].

Multiplexed [HKD14, LLW+08, NZV+11, RN+07, WGT+05].
multipole [STZ14].

Multiprocessor [GHCC88].

Multi-resolution [JY03, LDW07, VR94, dFP95, BMBZ02, BA83, CGG+04, DW+11, GM05, KN02, KS08, Lee05].

Multiscale
[CFR07, HRRG08, WYZG11, HH10, HMC11, PKG06, SSD09b, TWGT10, TLHD03].

multisensory [EMO10].

Multisided
[War92, LD89]. multispectral
[LYL+16, MKR+13]. **Multithreaded** [HMLB16]. **multivalued** [MASS15]. **Multivariate** [CGM91]. **Multiview** [DRC+15, GFT+11, HKC+18, KN06, KDW+17, LES09]. **Multiway** [Tsa15].

**muscle** [GvdPvdS13, LPKL14, PH08, SNF05]. **muscle-based** [GvdPvdS13]. **muscles** [LYP+18]. **musculoskeletal** [FLP14].

**Musculotendon** [SKP08]. **music-driven** [LYGC15]. **mutations** [LLR+15]. **My** [HAB16].

**Naive** [Mor11], **nanostructural** [AHB18]. **narration** [JMD+17]. **narratives** [CM10].

**narrow** [ABO16]. **Natural** [JMA06, SJ94, SGWJ18, WTBS07a, BAC+06, KH14, Pei10, RPE+05].

**natural-constraint** [KHD14]. **naturalistic** [NB11]. **Nautilus** [LS+17]. **navigate** [RMBB+13]. **Navigating** [L500].

**navigation** [CDSDH13, SAZK06]. **NC** [HA92]. **Near** [ALK+17, BH13, HGM14, KKN+13, LL13, LHL04, SHEL+17, TLP07, CAJ09, HCW15, JBM+17, KPM+17, MGK17, XNY+16, YJR17, YL08].

**Near-exhaustive** [KKN+13]. **Near-eye** [ALK+17, LL13, SHEL+17, HCW15, JBM+17, KPM+17, MGK17]. **near-field** [XNY+16].

**Near-invariant** [BH13]. **Near-optimal** [TLP07]. **Near-Regular** [HGM14, LLH04].

**near-rigid** [CAJ09]. **near-actuated** [YL08]. **nearest** [MSDL17]. **neck** [LT06].

**needed** [Na98]. **needle** [CAR+09].

**neighborhood** [Man86]. **Neo** [SDK18].

**Neo-Hookean** [SDK18]. **Nested** [SVJ15, LH04]. **Nesterov** [MHT15]. **net** [YHCOZ18, YHCOZ18]. **NETRA** [PMOR10]. **Nets** [RHS18, WF96].

**network** [DAD+18, PYB+16]. **Networks** [GZC15, HKC+18, TSLP14, YZW+16, AML18, BVM+17, BB15, FvKBCO16, GSV+17, GDG+17, HKS17, HYZ+18, HWG14, KMM+17a, LDPT17, MGA+17, PLS+15, RDL+15, SED16, SSISI16, WLG+17, XCS+14, ZCT16, ZSKS18, ZZCJ13]. **Neural** [ALS+18, GZC15, YZW+16, AAL18, BB15, HKS17, HYZ+18, KMM+17a, LDPT17, MGA+17, RDL+15, SED16, WLG+17, ZSKS18].

**neuromuscular** [LT06]. **newton** [LBK17b, BDCA11, LBK17a, ZBK18].

**Newtonian** [ZLQ15]. **nicely** [DH96].

**night** [WM14]. no

**LWC+13, PSA+04, SIL+13**. no-flash

**PSA+04**. no-reference [LWC+13]. node [MBF04]. **Noise** [CTW09, MEA+18, QHCC17b, APC+16, BHN07, CZJ12, CGW+13, CD05, EMU15, Fat11, GLLD12, GSV+14, ZGD08, GKT13, HSD13, JZW+15, KTBB16, KBS15, KP11a, KCODL06, LLDD09, LD11, LWSF10, McC99, ODJ04, Per02, QHCC17a, SD12, SZG+13, WYL+14, Wei10, ZHWW12, dGBD12].

**noise-aware** [EMU15]. noisy [YSQS07].

**Non** [BSN16, DMZ+17, HSLG11, JDD03, JHR+15, KSSCO08, MASS15, MHR+16, NHAH03, RTF+04, SSW+13, ZSW+10, ZBB+18, AIH+08, BBO+09, BHW16, BR07, CCA+12, CSDS09, DMIF15, FZL+15, HSB+12, KP11a, LBAD+06, LFS16, NRH03, PTTSH14, PLR+16, RCOL09, RKZ12, WW11, YSQS08, ZLQF15, ZNI+14].

**non-assembly** [CCA+12]. non-blind [YSQS08]. **Non-homogeneous** [KSSC008].

**Non-invasive** [NHAH03]. **Non-iterative** [JDD03]. **Non-Linear** [DMZ+17, MHR+16, BBO+09, HSB+12, NRH03, PLR+16].

**Non-local** [ZSW+10, DMIF15, RKZ12].

**Non-manifold** [MASS15]. **non-Newtonian** [ZLQ15].

**non-orthogonal** [BSN16, LBAD+09].

**Non-parametric** [BSN16, LBSAD+09].

**Non-polynomial** [DAD+18].

**Non-reflecting** [BMH16].

**Non-rigid** [HSLG11, BR07, ZNI+14].

**Non-stationary** [ZZB+18, AIH+08, RCOL09].

normal [FSK04, HSRG07, RSM10b, SHHD17, TBW003, VW97, WFL+15, WLT16, WTB07b, WTS08, YHJ+14, YHRM16].

normal-mapped [YHJ+14]. normals [HLHZ08, NLW+16, NRDR05]. Notebook [Ols88]. notes [SBLD15]. Novel [WBF+17a, GI04, LZF10, MPKO9, WBF+17b, YWH13].

novice [KP09, KP10]. NPR [KMM+02].

Number [RvE03]. numbers [BDS+18, JKH13, LRHF13, RAD12].

Numeric [EC93]. Numerical [CBW+18, KMODO9, OFO1, CXXZ14, CLMK17, KW03].

Numerically [CCW93, Hob91]. NURB [LC96]. NURBS [CADS09, GBK05, MRFO6, SF09, SFL+08, TQ94]. NURCCs [SZBN03]. Nyström [WDT+09].

O [ASF+13, WLH+17]. O-CNN [WLH+17]. O-snap [ASF+13]. Obama [SKS17].

Object [ABJN85, BC02, Bar86, KSH+14, LXS+18, PKH+17a, SB93, YYW12b, YSHWSH16, BWSS09, BSL12, BdSP09, DF88, FZBR16, FRSS+12, FCW+17, HYZ+18, KSES14, KPH18, LD05, LSS05, MYW15, Par17, PKH+17b, SHH99, TK14, XZZ+11, XHS+15, XSZ+16, YLNP12, ZQPM12].

Object-aware [LXS+18]. Object-based [BC02]. Object-Oriented [Bar86, SB93].

Object-space [YYW12b]. objective [GTT17]. objectives [WHDK12]. Objects [Kaj83, KK91, MPB1a, RHW94, Ree83, vW84, ALO80, BWBSH14, B091, BVG11, C16S+13, CMT+12, CRN08, DCD15, DLL+18, EHA12, FCODS08, GLI+04, GOMP98, GMB17, HS+12, HK10b, HvKW+16, HFG+06, IM10, IZT+07, ICG17, JTRS12, JP03, KKH11, KR+12, KLY+14, LNWB03, MZL+17, MPB1b, OHR14, PLR+16, SvTSW14, SY05, SS15, S0A+11, S10W+16, SVB+12, SBK11, SM06, SZS+08, T1SM16, V8A8, WTL05, WTL06b, WWY+13, WWY+15, W11W+13, WZQ+18, YTBK11, ZIT+18, ZMS14, VSHTH13].

oblivious [MBK+09, YLPM05]. Obscuring [HRvdP04]. observations [SCH+16].

obstacles [ABO16]. obstruction [XRLF15]. obstruction-free [XRLF15]. Occluded [KZSR16, WC07]. occluders [EHDR11, GRBN09, LRAT08]. Occlusion [MJJG18, EDR11, PHA10].

Occlusion-Aware [MJJG18]. OCEAN [DKD+17a, DKD+17b]. Octahedral [SBV17a, LZC+18, SVB17b].

Octree [BD02a, LGF04, PK05, VA88, WLG+17].

octree-based [WLG+17].

octree-represented [VA88]. Octrees [BN90, WV92, ABJN85]. off [MHM+17].

off-the-shelf [MHM+17].

offs [LDS02, SWC+18]. offset [HLR+14, MAB+15]. offsets [Far89]. omni [MUB15]. omnidirectional [MUB15].

OmniAD [MUB15]. Omnisteorioscope [SBH18]. On-line [VKS+14, PSBM07].

On-set [WSVT13]. on-surface [RTD+10].

On-the-Fly [DNZ+17b, VSLD13, DNZ+17a, LYYB13, RTS+07]. One [OF01, JLF+09].

One-Dimensional [OF01]. one-to-many [JLF+09].

[CFL+15]. palette-space [MVH+17].
panchromatic [WHB+12]. Panel [XIM18].
Paneling [EKS+10]. panels [PSB+08].
Panorama [HLSH18, STP12]. panoramas
[AAC+06]. Panoramic
[AZP+05, DK09, HCS13, LKK+16].
PantaRay [PFHA10]. Paper
[SRH+15, CT05, LSH+10]. papercraft
[MS04]. Papers [Ano85b, Ano92b, Spe03].
Paradigm [BBB+94]. paradigms
[KP09, KP10]. parallax
[KDR+16, LHKR10]. Parallel
[BWWM10, CG89, CIZY17b, HMLB16, KS95,
LH05, NM16, WDB+08, Wei08, AVGT12,
ASA+09, CIZY17a, FFB+09, GLdFN14,
GLHL11, REG+09, SS10a, TBV12, YXH14].
Parallelepips [PVY90]. Parameter
[FG90, JW15, PAG98, Pat85, Pat87, ZS00].
Parameterization [LCOLTE07, AB89,
ACP03, DHB17, FBT+18, GDC15, GGS03,
KG04, KS04b, LYdPG12, PKC+17,
RLL+06, SS15, TBTS08, WSSK13, ZMT05].
Parameterization-free [LCOLTE07].
parameterizations [KLS03, LYNF18].
parameterized [BWSK12, LLKP11].
Parameterizing [HSH10, Gos00].
Parameters
[DB88, Res87, DIO+12, SD12, ZWDR16].
Parametric
[BSN16, Fil89, MD94, MIB15, RS14a, RS18,
SSB+17a, SLM+17a, ZFL+10, BBGB16,
HB89, LBAD+06, RS98, SSB+17b, SLM+17b,
SLD17, SD89, VKS+14, WDB+08].
parameterization
[BCW17, CBK15, CLW16, MZ12, MZ13,
MPZ14, PTSZ11, PH03, TPP+11, WZ14].
Parameterizations [BHNF98, PU06]. Pareto
[LDS02]. Pareto-optimal [LDS02]. Paris
[DSG+12]. Parsing
[BGK+13, CZL+14, FNO89, ZZX90]. Part
[HKC+18, BJD+12, HLV+17c, KLM+13,
SFCH12, XLZ+10, Go84]. part-based
[BJD+12, KLM+13]. Partial [MGP06,
XZT+09, BWS10, GCO06, XZJ+12].
Participating
[Fat09b, FCJ07, HED05, HWH+16, JDZJ08,
NGD+06, NNDJ12, NSJ14, YIC+10].
Particle
[Ree53, ZGW+13, APKG07, FOA03,
FGG+17, GPH+18, HRL15, JSS+15, LAD08,
MMCK14, MBT+15, NFD07, SRF05, SG11,
XIAP+17, YCL+17, YTI3, ZLB16a].
Particle-based
[ZGW+13, LAD08, MBT+15, YTI3].
particle-in-cell [FGG+17, JSS+15].
particle-laden [GPH+18]. particles
[MC11, PTC+10, YHK07, dGWH+15].
partition [OBA+03]. partitioned
[ANZS18]. partitioning
[LBMR12, SHFH11, YCL+15]. parts
[Lomi11, LBRM12, YSL+14]. party
[EMT+18]. pass [CCOST05]. passive
[BHH+11, BHPS10, CB04, DRW+14,
FRSL08, HMT+15]. paste
[BMBZ02, LSS05, LVBK+10]. pasting
[JSTS06]. Patch
[BKR17, KSB+13, LLX+01, XLY09, BZL+15,
CWL12, DSB+12, HZW+13, SKY+12].
Patch-based
[BKR17, KSB+13, LLX+01, XLY09, CWL12,
DSB+12, HZW+13, SKY+12]. Patches
[BCX95, GPSZ11, LCL06, LS08, LSNC09,
SKY08]. Patching [Pet01]. PatchMatch
[BSFG90]. PatchNet [HZW+13].
PatchTable [BZL+15]. PATEX [GBLM16].
Patch [BYRN17a, CA00, CFS+18, FHL+18,
GIF+18, SNM+13, BPE17, BYRN17b,
CRS+16, CTE05, FZBR16, HJ11a, HPJ12,
HR13, KHD14, KMA+13, LAD08,
MHM+09, MKD+16, SHHD17]. path-based
[MMH+09]. Path-Space
[BYRN17a, SNM+13, BYRN17b].
past-traced [HR13]. Path-Tracing
[CFS+18]. Paths
[HA92, KGH+14, LYTS13, SGSS08].
Pattern [BWKS11, YCZ11, BSK+16,
GBLM16, LRFH13, POB09, PH15b, SCA02,
Wan18, YWVW13]. Pattern-aware
patterns [AHD15, BGK+13, BSM+07, CLQW08, DEM96, DLL+15, HCE03, HSF07, JTV+15, KS04a, KSS06, KRD+12, KCPS15, LBW+14, LZL+17, PPW18, PHD+10, RFL+05, SP16, VMW17, YBY+13, ZJL14].

**Pattern-guided** [BWKS11]. **Perceptually-guided** [SHK+08]. **Performance-based** [IWLZ09, WBLP11].

**Perception** [HMO12]. **Perceptual** [HKS17, WRDF13, BB12, FKN17, GSV17]. **Perceptual** [CA00, XZZ18]. **Photo-inspired** [TT09]. **Photographic** [AAC+06]. **Photographing** [AAC+06]. **Photographs** [BDK+08, DS02, DIO+06, HE07, KHFH11, KGFF14, RMD04, RTS+07]. **Photography** [AJD+10, ARNL05, BPK+13, CZN10, ED04, GSDM07, HSG+16, HASK17, HK18, ITM+14, KHKR11, KF09, KS11, LSC+08, VWB+12, VLD+13, WBLP11, WJY+05, WGP+10, WSVT13, XCLT14].

**Pen** [And83, KNBH12]. **Pen-and-ink** [KNBH12]. **Perceptual** [TMOT12]. **Penumbra** [KH17a, KH17b]. **Perception** [JTL+12, PZM13, TK14]. **People** [ASK+05, CGL+08, JMB+14]. **Per-frame** [WHSL11]. **Per-pixel** [BM05]. **Per-triangle** [SOA11]. **Perceived** [HCOB10]. **Perceiving** [HMO12]. **Perspective** [HDS+18, MKM04, OD01, PLKD18, RBF08, VRC+13, BOD+13, CGZ08, KWK09, MBB12, VLD07, ZAJ+15, MLD+08].

**Perception-aware** [PLKD18]. **Perception-based** [CGZ08]. **Perception-driven** [HDS+18]. **Perception-motivated** [MKM04].

**Perceptions** [SN17]. **Perceptual** [DKD+17a, HOKP16, MS05, RP03, SLF+11, SFWG04, TGD04, TGZ18, UHT17, ZLP+15, DRE+11, DKD+17b, GSCO12, LKS15, PLR+16, SMG+15, WAK09, YJ17].

**Perceptual-based** [VI17]. **Perceptually** [DPF03, HTER04, KO11, ÖG15, SFLM04, SHK+17, GWM+08, KYS+15]. **Perceptually-driven** [DPF03, KYS+15]. **Perceptually-guided** [SHK+17].

**Perceptually-supported** [SFLM04]. **Perfect** [LH06b, C217]. **Perforated** [ZLM+16]. **Perforation** [LNLB16]. **PERFORM** [DKD+17a, DKD+17b].

**Performance** [CM83, CH05, FJA+14, HTHC15, IZW09, Tas15, VMK00, WGT+05, XCS+18, dAST+08, BHB+11, BBB+14, BHPS10, CBZB15, DKD+16, DDF+17, DK99, HFF+17, HCTW11, KKS88, LTO+15, MJC+08, PTMD07, SN17, SDO+04, VVB+12, VLD+13, WBLP11, WJY+05, WGP+10, WSVT13, XCLT14].

**Performance-based** [IWLZ09, WBLP11]. **Performative** [JTL+12, FSD+06, HE07, KHFH11, KGFF14, RMD04, RTS+07]. **Photography** [AJD+10, ARNL05, BPK+13, CZN10, ED04, GSDM07, HSG+16, HASK17, HK18, ITM+14, KHKR11, KF09, KS11, LSC+08, VSB+12, VLD+13, WBLP11, WJY+05, WGP+10, WSVT13, XCLT14].

**Personal** [JTL+12, FSD+06, HE07, KHFH11, KGFF14, RMD04, RTS+07]. **Personalities** [JMAK10].

**Personality** [DKD+17a, DKD+17b, SN17]. **Personalization** [TRT+17]. **Personalized** [CZH+16, KIL+16]. **Perspective** [FSGF16, LSC+12, SDL02, CAA10, GB08, HJ11b, KHS+11, LGQ+08, SBK11, VRC+13]. **Perspective-aware** [FSGF16, LSC+12]. **Perturbation** [CA00, XZZ18]. **Phace** [IKK17]. **Phase** [HKS17, WRDF13, BB12, FKN17, GSV+14, GZX+13, Kim10, SSJ+14, YCL+17]. **Phase-based** [WRDF13, FKN17]. **phase-change** [SSJ+14]. **Phase-functioned** [HKS17]. **Phasor** [GNHM15]. **Phenomena** [BWRB05, BLR+11, HMS05, RNG03]. **Phone** [WJ18]. **Phones** [AMS03].

**Phong** [BA08, VW97]. **Photo** [HHX+18, KOF14, LHE+07, SSS06, XZZ+11, YZW+16, BLDA11, CLS+15, CFL+15, CYW+16, CZS+13, GSC+15, GAL+09, HGL13, HEH05, JMAK10, KOF13, KNC+08, LBP+12, OF12, SPDF13, SSS+08]. **Photo-inspired** [XZZ+11]. **Photo2clipart** [FLB17]. **photobios** [KSSG11].

**photobooth** [PCK+08]. **photogrammetric** [TT09]. **photograph** [FHO4a, FSH+06, KSES14, KNC+08, LDP17]. **Photographic** [RSSF02, BPD06, BPP13]. **Photographing** [AAC+06]. **photographs** [BDK+08, DS02, DIO+12, HE07, KHFH11, KGFF14, RMD04, RTS+07]. **photography** [AJD+10, ARNL05, BPK+13, CZN10, ED04, GSDM07, HSG+16, HASK17, HK18, ITM+14, KHKR11, KF09, KS11, LSC+08, VSB+12, VLD+13, WBLP11, WJY+05, WGP+10, WSVT13, XCLT14].
LLW+08, MWBR13, MPN+02, MCE+17, Ng05, PSA+04, RAT06, RAWV08, SCG+05, VRA+07, WJ+13, XRLF15. \textbf{photometric [HLHZ08, MS05, PCK+08, VPB+09b, WGP+10, ZRL+09]. photomontage [ADA+04]. Photon [GRS+17a, BJ17, Dee05, GRS+17b, GHV+18, HOJ08, HJ09, HJJ10, HJ11a, JNSJ11, JNT+11, KD13a, KZ11, LOW18, MM06, QS+15, SJ13]. photonic [HHGH13]. Physically-accurate [YTJR15]. TK05, UIM12, WC10]. Physically-accurate [YTJR15].

\textbf{Physical [BSL+16, BKS+12, CSvR18, HFM+10, KKK+16, BBG+13, LBDF13, MIW16, SWK16, WW13]. Physically [HMS05, HESL11, NFJ02, SML+12, WLZ+09, WMC11, WDR11, YTMK15, BPB08, FP03, GS04, LSVG18, MWRD13, MPP11, ODGK03, RYL13, SH04, TNK5, UIM12, WC10]. Physically-accurate [YTJR15].}

\textbf{Physically-accurate [YTJR15]. Physically-based [HMS05, HESL11, SML+12, WDR11, GS04, MWRD13, SNM+13, TK05]. Physics [BSK+16, BVF17b, CYFW14, DLK18, GB13, KGBS11, LIVY16, LH17a, WTG10, YPA+18, AVF17, CBvdP09, HMT+12, IKKP17, JL11a, KIL+16, KMP+17, LHP05, LH17b, MMK14, MTM16, MDLH10, PDZ+18, PALvdP18, YRPF09, ZMMC13].}

\textbf{Physics-Based [BSK+16, BVF17b, LIVY16, LH17a, GB13, AVF17, CBvdP09, IKKP17, JL11a, KIL+16, LHP05, LH17b, MDLH10, PALvdP18, YRPF09, ZMMC13].}

GHF+18, HFG+18, HLZ+09, HWG+13, HWCO+13, JWW+14, KTB+07, KTT+13, LdPS84, LYO+10, MLR+14, ÖG12, PKKG03, SSC+13, TZCO09, WPL06, YHZ+14, YHCOZ18, ZPKG02, MA07.

Point-based
[PKG06, JWJ+14, LdPS84, ZPKG02].

Point-Feature [CMS95]. point-location [EKA84]. Point-sampled [AA06, PKKG03]. point-set [AK04]. Point-Visible [WS85].

Points
[Day90, War92, AMCO08, BWG03, BJT+17, CADS09, CSPF12, Gos00, JNSJ11, KG+14, STZ+14, WHG+15, XMZ+14, ZK13].

Pointshop [ZPKG02]. Poisson [BWWM10, CK+11, DH06, EDP+11, GM09, JCW09a, KH+13, PGB03, SJTS04, Wei08, WSL+14, YW+13, YZX+04, YIC+14].

Poisson-Based [YIC+14, YZX+04].

Poisson-disk
[DH06, EDP+11, GM09, YW+13].

Poisson-guided [WSL+14]. Polar [Sei93, KP07, MP09c]. Polarization [LWH+11, RRFG17, MRK+13]. polarized [GCP+10, GFT+11]. policies [CBvdP09].

Policy [Kro82]. Polycube [HJS+14, FXBH16, LVS+13, THCM04].


polydisperse [MPG+16]. Polygon
[BYG96, Dm+83, M+92, SG82, WS85, BPK05, IG03, SOS04]. Polygon-Filling [Dm+83].

polygonal
[ACXG09, AW11, ACSD+03, BF08, CCG+04, DP13, HDHN16, Ju04, PNDN12, POC05, TLK09, VM17, WR18].

polygonal-light [HDHN16]. Polygons [CCW93, FM84, TM84, GH98, HF06, SW85].

Polyhedra
[Pet95, W+92, BDD11, Hub96, PR97b].

Polyhedral [JTV+15, MHSL18, Nas87, GJTP17, KGB+09, Mir98, TSG+14].

Polylines [RS14b]. Polynomial
[SB95, BAERD08, FGG+17, GOMP98, MJC+08, MIMM16, SR97, SR00, SSW+13].


Pop-up [SSY+04, XZM+18, HEH05].

pop-ups [LJJH11]. Popup [LSH+10].

Porous [LAD08, TGK+17]. portal [GWN+03].

Portait [SHS+14, SHS+18, BSM+13, CWW+12, CLS+15, FAC11, FSGF16, TZZ+18]. portraits
[AECOKC17, KS16, KGT+18, LVG+13, MDKD16, SED16, SPB+14, ZAE+14].

Pose [EM96, TSLP14, XB+16, AZB09, ACCO05, HOM15, KAL+17, L+09, MSS+17, TBC+16].

pose-free [AZB09]. Pose-space [XB16].

poser [LCXS09]. posing [BVS16, GCR13].

Position [MM13, PTV+17, RMD12, YHMR16, AT+17, LSL+18, Wan15].

Position-based [PTV+17, Wan15].

Position-correcting [RMD12].

Position-normal [YHMR16]. Positioning [Bae82, ZB94]. positions [NRDR05].

possible [IMH05, ZCD+16].

Post [HMH+18, PTMD07, BGK+17, ITM+14].

post-capture [BGK+17, ITM+14].

Post-Processing [HMH+18].

Post-production [PTMD07]. potential [CS00, OHR+14].

Power
[AGL+17, BLTD16, FFS8, dGW+15, SR97, SR00, WYM+16, XLC+16]. PPPM [ZB14].

Practical [AWL13, EDR11, GHP+08, LWA+12, LYL+16, LSVT15, MC92, RSL16, RZK11, SJ+12, T+17a, T+17b, VAV+08, BB+17, CAJ09, EKA84, FTP+16, JS+10, Ky10, SBdD13, SRNN05, VAWD09, XCM+14, YJR17, ZG02, ZRL+09].

Prager [KGP+16]. Prakash [RNd+07].

pre [HMAM09]. pre-tesselation [HMAM09].

precise [NRDR05, TBC+16]. Precision
[SFB92, Wan18]. precomputation [KKN+13, YLY+15]. Precomputed
[CZJ+12, JB+06, KAMJ05, RSM+10a, SKS02, ...]
SSBG10, HAM07, HGG+11, HMG03, KLP18, LB05, NJS+11, PTO15, PBM02, VAZH+09, VWRKM13, WSS05.

**Programming**

[BK16, GF82, HGM14, PPV95, Wu92, ZB94, BLPW14, HZG08, HKG11, KABL14, LGA+18, MGA03, SAMWL11, SFB+09].

**Proxy** [HXM+09].

**progressively-variant** [LTK09].

**prosody-driven** [WSM11, ZKBT17].

**programs** [HZG09, RMGH15].

**projector** [NY94].

**Projector** [BEH18, Wan15, Pat87].

**Projectively** [NY94].

**projector** [BBG+13].

**projector-based** [MS05].

**projections** [AYL+12, BML+14, CAA09, KSJP08, MWBR13, MHR+16, SBK11].

**Propagator** [DGH16, ZN06, ARNL05, DLL+18, GWGB10, HWR14, HSHF10, JBM+17, JTL+12, KYS+15, LZF10, LCOLTE07, MS05, ME05, PMA+14, SCT+15, SSW+13, ZBG15a].

**projection-based** [MS05].

**Projective** [BML+14, Pat85, WGW+13, ZLW+16, BEH18, Wan15, Pat87].

**Projectively** [NY94].

**projector** [BBG+13].

**projector-based** [BBG+13].

**proximity** [SGG+16].

**properties** [AHD15, FCJ07, NGD+06, ODJ04, SZG+13, WSM11, ZKBT17].

**Prosody** [LT09].

** protección** [LT09].

**Protected** [KTL+09].

**prototype** [AWGB04].

**prototypes** [KLY+14, YPB16].

**Provably** [PL14, DML+12, YLJ18].

**proxies** [CB17, JSMH12, ZCC+12].

**proximal** [HDN+16, HDN+16].

**Proxy** [HXM+18, KGL16, MSM11].

**Proxy-to-Image** [HXM+18].

**pruning** [TMRL14].

**psychophysical** [AFR+07, GRG04].

**psychophysical** [FGH08].

**psychophysics** [SSC10].

**Pteromys** [UKSI14].

**pupil** [JBM+17, POP09].

**pupil-tracked** [JBM+17].

**Puppetry** [SLGS01, BJS+08, SZT+07].

**purification** [LSQ+15].

**Purpose** [LEV84, PBD+10].

**Push** [HMO12, LLK+15].

**Push-recovery** [LLK+15].

**Pushdown** [OBS14].

**Pushing** [BAU15].

**PushPull** [LWM14].

**Putting** [BW13].

**puzzles** [LKV+14, SFCO12, SZ15, XLF+11].

**Pyramid** [KSH+16, PHK11].

**pyramidal** [HLZCO14].

**pyramids** [FFL11].

**Q** [LWS+15].

**Q-MAT** [LWS+15].

**QEx** [EBCK13].

**QR** [CCLM13].

**Quad** [ULP+15, BCE+13, CBK12, CK14b, EBCK13, ECK14, ECK16, FBH+10, PPW18, SW05, SPGT18, TPSHSH13, TTP+11].

**quad-dominant** [SPGT18].

**quad-fragment** [FBH+10].

**Quadrangulation** [FBT+18, LHJ+14, ACBCO17, BWSS12, BZK09, DBG+06, HZM+08, MTP+15, ZLW+10].

**quadrangulations** [PBJW14].

**Quadratic** [BC14, ERT14, LWS+15, KGL16].

**Quadrate** [GT96].

**Quadratic** [CGM91, FNO89, GZ05, Mil87, TGB13].

**Quadrics** [FNO89].

**Quadric-based** [GZ05].

**Quadrics** [FNO89].

**Quadrilateral** [SSL01, BJS+08].

**quadrotor** [SSC10].

**quadrotor** [SSC10].

**quadruped** [ZKBT17].

**quadruped** [ZKBT17].

**quadrupeds** [ZKBT17].

**quadrupeds** [ZKBT17].

Rack [TE82]. radar [LGK+16]. Radial [WLH+13, KN06, TS06]. Radiance [BDT99, JDZ08, MJG18, HW12, JNS11, KMM+17a, KAMJ05, RWG+13, SL17, SKS02, SLS03, SHS03, SL05, TS06, WKR99, LAM+11]. radiance-predicting [KMM+17a]. radiant [SSBD03]. radiative [ABW14, JAM+10, JAG18, ZRB14]. Radiosity [ACP+01, NN95, RT90, DDP99]. RAID [GMW16]. rain [GN06]. Rainbow [XIAP+17]. rainbows [SML+12]. raising [CLSS85]. Random [NH08, PM95, CNX+08, GSV+14, KCYW13, LSK+06, SD12].

Random-access [NH08, KCVY13, LSK+06]. random-phase [GSV+14]. Randomized [GF08, BSFG09]. Range [SB95, WS17a, ACP02, ACP03, AMMS08, BI08, CZ11, DD02b, FKI+14, FLW02, HSG+16, HFT+08, KSB+13, KR17, KUWS03, LSA05, MRK+13, MKMS04, MEMS06, MCHAM06, PMOR10, PTSZ11, RA06, SHS+04, Tahlen06, VAN06, WLHR11, WS17b, BZL+17, LCT05]. Rank [SW18, LHKR10, MK16].


Ray [BK85, GHCC88, KGB+90, Kaj83, Lev90, LSCO03, NKK+14, PP94, PBH02, RLU95, SLM+17a, VJ+17, WIK+06]. WBS07, WHG84, vW84, BDT99, BAM14, DMB+14, DHW+11, EDR11, HJW+08, HQL+10, HZ11, IYYI14, LAA+05, MBK+10, Mor11, MHC+16, NPP+11, NMD12, PFHA10, PBD+10, RAWV08, RSH05b, SLM+17b, SKC+14, WWB+14, WS99, WSS05, YMR+13, ZRL+08, BK87]. ray-traced [EDR11, PFHA10].

Ray-Tracing [NKK+14, Mor11]. RayCore [NKK+14]. Razor [DHW+11]. Re [JSSH15, Pav90, WP90, BHW16, DNZ+17a, GDC15, GPW+17, KD13b, NKA08]. re-creation [NKA08]. Re-Editing [JSSH15]. re-integration [DNZ+17a].

re-meshing [GPW+17]. re-parameterization [GDC15]. re-simulation [BHW16, KD13b]. ready [ZB13]. Real [ASA+09, ADM+08, BHN98, BJ05, BP08, BZ11, BAOR06, CBZB15, CWW+16, CKH18, CPD07, CM11, DNZ+17b, DLK18, DYNO3, EMU15, FKY08, GXY+17a, GXY+17b, HV04, HRE+08, HDH16, JTL+12, JKT+15, KSZ+15, LH16, LES10, LTK09, LLX+01, LFTC13, LHLK10, LBK17a, LB06, MP08, MCK13, NMD+17, NZIS13, PZ08, PO08, POC05, RWS+06, RHH02, SBSH18, SCL+15, SL17, SSSI18b, TZN+15, TKS+18, TSLP14, VTSSH15, WWD+05, WW07, WP09b, WYM+16, WXYL17, WOG06, WZN+14, XZT15, ZZI+17, ZHW08].
Render [MBB12]. RenderAnts [ZHR+09].
Rendered [OKH+16]. Renderer [BAC+18]. renderers [Sun06]. Rendering [BYG96, CFS+18, FH93, GFS95, JCW09b, JMY+07, KHFH11, LSCS14, LC96, Mal93, MCY14, Pha18, Rap91, SM17a, Sun06, TG17b, Ts15, TB87, VADWG15, YHJ+14, YMRD15, YHW+18, YPG01, ALLD17, ATM+17, BWG03, BBP10, BGAM12, BKKL15, Be18, BOD+13, BFK+16, BST09, BF08, CBCG02, CGXG02, CLS+17, DI11, gDGPR02, DMB10, DAD+16, OKH+16, YMRD14, MPH+18, LSSS18, LB05, LB06, LH04, LKYU12, gDGPR02, DMB10, DAD+16, OKH+16, YMRD14, MPH+18, LSSS18, LB05, LB06, LH04, LKYU12, MYRD14, MPH+15, MIGYM15, MMMG16, MPG+16, NH08, NLM212, NNDJ12, OL03]. rendering [OKH+17, ODR09, PZ08, PSK+16, RH02, RTF+04, RGB16, RMD04, RZL+10, REG+09, RKZ12, RJN16, SBDkJ13, SM17b, SD12, SHL+17, SSY+04, SKG+12, SKS02, SFWG04, SRN05, SM06, SR09, TAV+10, TG17a, TWL+05, TS12, TG04, VRC+13, VT04, WWD+05, WZT+08a, WRG+09, WHY+13, WYM+16, WS99, WW08, WVJH17, WFY+10, XMR+11, XCM+14, YTJR15, YHMR16, YJSR17, YIC+10, ZZXX09, ZHRB13, ZWDR16, ZLB16b, ZRL+08, ZHR+09]. rendering-aware [DAD+18]. renderings [BVM+17, FJL+16]. RenderMan [CFS+18]. reordering [MBK+10, SNB07]. repair [Ju04]. repeated [CZM+10, CLQW08, WWOH08, ZHRB13]. repetition [KMYG12]. repetitions [XCW14]. RepFinder [CZM+10].
Rephotography [WBF+17a, BAD10, WBF+17b].

[EBK13, HSGL11, HFG+18, IMH05, JTSB16, KEP05, LJ+14, LD12, MTP+18, NAI+18, PSE03, RMSG+08, TK14, TBV12, T+08, VSK+17, WSJP17, WP12, ZBG15b, ZNI+14]. RGB-based [Sun06].

RGB-D

[CKH18, CLW+14, GXY+17a, MSS+17, SSB+17b, Sun06, TLG17a, TLG17b, WSXC16, ZNI+14]. RGB-space [TLG17a, TLG17b]. RGBD [GXY+17b, SXZ+12]. RGYB [WC90, WC91]. rhythm [DA18].


Right [Mc92]. Rigid [BB14, CMT+04, ZJ10, AL+12, BR07, CAJ09, CZJ12, DBB+17, GFB03, GSF+05, HSL11, HFG+18, IMH05, JTSB16, KEP05, LJ+14, LD12, MTP3+18, NAI1+18, PSE03, RMSG+08, TK14, TBV12, T+08, VSK+17, WSJP17, WP12, ZBG15b, ZNI+14].


Ring-Ordering [AECO15]. RingIt [AECO15]. rings [WPS14]. RLE [HN+06].

roadmaps [CLS03]. robotic [GPD+18, HZH+16, MTN+15]. Robust [BFA02, CBvdP09, CPS13, DD02a, FH93, FCOS05, GTJP17, GWP+17, HJ11a, HVTG08, HWZ+14, Hol18, HMLL14, JKSH13, Ju04, Ka11, KJDL09, KBT17, LDK+18, LD14, LAGP09, MdLIH10, MPZ14, PCL+12, PSBM07, RS14b, SKY+12, SOHK16, VGB+14, XZZ+14, ZWZ+16, ZZMC13, AMCO08, BWSS09, CWTW17, EBCK13, HPJ12, KSN17, LBK16, Mr98, MCKM15, RJ07, SHHD17, SLMB05, YLJ18]. robustly [DBDB11, TMRL14]. rod [KTS+14, MLB16, PTC+15]. rods [BWR+08, MBK+10, SJM17]. role [GXZ+13]. Rolling [JGN16, WFL+15].

Rom [DB88]. room [STXJ15]. Rooms [HC86]. Rotation [HFK94, Hi87, ACXG09, CGM11, LH16, LSLCO05, NSF12, PBH15, WJZL08].

rotation-invariant [LSLC05].


roughly [IBB15, SSISI16, SSII18b]. Rough [BB15, SSIS16, SSII18b].

Roughness [TGZ18]. roulette [VK16].

Round [Pra89]. Routing [PRM14]. row [HPB07].


run-time [GSKJ03]. runner [LYvdPG12]. Russian [VK16].

Saccade [ATM+17]. saccadic [SPW+18].


salience-preserving [GOTG05]. saliency
[LDS+16, LVJ05, MLH+09, SLMR14]. Salient [GCC06]. sample
[DH06, WLM+15]. Sampled
[HWZ+14, YSHWSH16, APKG07, AA06, BGAM12, MWR12, PKKG03]. sampler
[ANHD17]. Samples
[LNLB16, BJ17, XSHR18]. Sampling
[Coo86, HS98, KBW+15, LLX+01, LYYdP+10, MEA+18, Ost07, PAv90, QCICH17b, Sah18, WP90, ARB03, ARNL05, APC+16, ALLD17, BMW+09, BWWM10, CGW+13, CJAMJ05, CTM13, EDP+11, Fat11, FBLS07, GM09, GKH+13, HJW+08, HPB07, HSD13, HWJ+15, HWH+16, JZW+15, KTBV16, LRR04, LDF14, LWSF10, LWC12, MRK+14, NJR15, ODJ04, OP11, ÖAG10, QCICH17a, RKLCl+11, RAMN12, RAWV08, RKZ11, SJ17, SK13, SZG+13, VKK18, WPC+14, Wei08, WeI10, WW11, WWZ+06, XNY+16, YW13, YL12, YIC+10, ZHWW12, EPM+14]. sampling-and-recovery [HWJ+15].
Sampling-based [LYyvP+10]. sand
[KGP+16, TGK+17, ZB05]. sans
[DBWG15]. Sassafras [Hi86]. scaffoldings
[DHL14]. scaffolds [SKS09]. Scalable
[CBI13, CZY17b, CSK18, HRDB16, PTC+10, RPPSH17a, RPPSH17b, WHSL11, AFTCO07, BDT+08, CZY17a, DML17, FBZ16, LMAS16, MP04, MGT+03, REG+09, WFA+05, YKC+16]. scalar
[PSF09]. Scale [LYC18, ZSCM17b, Ang17, ASL+17, BPD06, BL15, BBA+07, CQD+18, DFZ+17, EDF+16, FFLS08, FMB+17, FGBZ18, FYY+16, FG14, GBI3, GLDZ15, GNS+12, HP17, IDN12, JP03, KFW17, KSKL14, KPZhK17, KABL15, LDPT13, LWL17, LA+S+16, MPH+15, MG10, NZIS13, PCF18, RNGF03, RGB16, SWLI1, SLSS03, SG11, SJLP11, SJP10, VSLD13, WTSO8, WSM11, WFDH18, WDR11, WDR13, XZJ+12, YIO+15, YSQS08, ZSCM17a]. scale-and-stretch [WTSO8]. Scale-aware
[LYC18]. scales [FG11, XLZ+10]. scaling
[DPZ09]. Scan
[RWW90, ACPO2, ZSW+10]. Scan-Conversion [RWW90]. scanline
[LHZ16]. scanned [XGC07]. Scanner
[PCHF18, HLZ10, WAO+09]. scanning
[CDP+14, FZBR16, HCTW11, HDGN17, HFI+08, YSL+14]. Scans [FJA+14, ACPO3, BR07, CZ11, LBB+17b, YNW16]. SCAPE
[ASK+05]. Scattering [BBS14a, ESZ+17, FHK14, KM17, BCRK+10, DWP+10, FD17, FCJ07, GKH+13, HFM+10, HHdD16, KMM+17a, MJ+03, MM06, MWM08, NZV+11, NGD+06, PrBM+06, STPP09, SRN05, SZL10, WZH19, WTL05, ZWDR16, ZYWK08]. Scattering-aware
[ESZ+17]. Scenarios [TFD+18]. Scene
[HE07, KSH+14, KPP+13, LLZ18, RO85, RO87, ZXZ15, BHY15, CZM+10, FSL+15, KBW+15, KPZK17, KN06, LCK+14, LXS+18, MLZ+16, NX12, NKGR06, RSL+08, SMZ+14, STZ+16, WSCR18, XMZ+14, XHS+15, YTS+11, ZN06, ZHG+16, ZK13, vdHDT+07]. Scene-aware
[LLZ18]. scene-level [BHY15]. scene-space
[KWB+15]. SceneGrok [SCH+14]. Scenes
[DRG+15, JGC+15, SM17a, VLA15, ZWK14, AAC+06, AZB09, ADM+08, BS+07, BF08, CLW+14, CXY+15, CAC+02, DK+16, FSH11b, FCW+17, GTDS10, HKW09, JM12, JF03, KR17, KNS+09, LRT+14, LDAT17, LGZ+13, MP04, MRA+13, MMBM15, NNDJ12, PFHA10, RSM+10a, RWS+06, SM17b, SKY+12, SXZ+12, SKG+12, SZL10, TPWG02, WIK+06, WBS07, WDB+07, WGL+18, XZY+17, YMR+13, ZSW+10, ZHL+05]. Schedule
[LH17a, LH17b]. schedules [RKAP+12]. scheduling
[BDK+16, MAS+16, SKK+12, SKB+14]. Schelling [CSPF12]. Schematic [GCSS06]. Scheme
[DLG90, DLI13, PR97b, VB06, ZM11]. schemes [CADS09, LLLO10, WTT+06]. Schrödinger [CKP+16]. Schur
[DS92, AHD15, AMCO08, KTB07, Kim10, KG04, MASS15, PTSZ11]. sewing
[BGK+13, Wan18]. **SGGX** [HDCD15]. SH
[NSF12]. shade [LBAD+06, LMPB+13]. shaded [OBW+08]. Shader
[HFH+17, LS02, MDP+04, HFTF15, HFF16, Pel05, SAMWL11, SaLY+08, WYY+14].
Shader-driven [LS02]. shaders
[FH11, HSS98, VAZH+09]. Shading
[FHL+18, GZ08, KOF14, NON85, RV89, ZDI+15, AB08, BSM+07, CDP+14, CTM13, CTH+14, CM14, FBH+10, HGF14, HFF18, HDHN16, HZ11, LMLH07, RMBO7, RDB06, SPJT10, SBSS12, TaAB07, VBF12, WZF14, WZN+14]. Shading-based
[GZ08, ZDI+15, WZN+14]. Shadow
[CGC+03, CC00, MP09b, SCH03, WL16, AAM03, BCRC+10, EHDR11, GLY+03, LAA+05, LS07, LGQ+08, PT02, RGK+08, SOA11, SD02, WTBS07a, ZHL+05].
ShadowDraw [LZC11]. Shadows
[GTB15, Hud92, KOF14, ADM+08, KOF13, MWR12, NRH03, PSNB13, RMB07, RWS+06, SKOA14]. shake [FSH+06].
**Shape** [BBB+93, BBGO11, CKPS18, DB88, HKC+18, JS11, KFR04, MOR+18, OFCD02, PPKG03, SK16, Sah18, SPSH18, SSB+17a, VFK+14, VR94, VTSSH15, WLX+18, XWC+16, YYPM11, YXZ+18, AKZ+17, ALX+14, AXZ+15, ASK+05, AFTC007, BAS14, BBB+14, Boi84, BWWK11, BWSK12, BJ+12, CB17, CWLZ13, CI84, CWWK13, CXXZ14, CW17, CBW+18, CCW16, CSA004, CSD+09, DDC+15, DFRS03, DYT05, ERB+12, FH07, FAR07, FvKBC016, GCO06, GSMC09, GJW15, HK12, HZC014, HKG11, HGGC+12, HZG+12, HSC13, HWG14, HWP15, HOM15, IMH05, KCKK12, KMP07, KCGF14, KvKSHC015, KST08, LVS+16, LXC+17, LBB+17b, LCRLO7, LFJG17, LMB14, LKS15, LKWS16, MDFLW15, MSM11, MHTG05, MAB+15, MHR+16, PMRMB15, RJO7, ROC09, RDB06, ROA+13, SS14, SSB+17b, SMH+14, SSP07, SKAG15, TBW+12, TGB13, TMB14, TFG+13, VDL07, VBBF16, VPB+09b, WAO+09, WGBK15, WLG+17].
**shape** [WG10, Wim14, XDJ15, XCOJ+09, XZC012, XFS12, YKC+16, YGH+17, YHCOZ18, YK12, YK14, YCHK15, ZAJ+15, ZYL+17, vKXX+13, vFTS06, Ano10].
shape-complexity [CI84].
Shape-Matching [BBB+93]. shape-proxy [SM11]. **Shape2Pose** [KCGF14].
Shape2Vec [TD16]. Shaped
[EPO91, HA92]. ShapePalettes
[WTBS07b]. Shapes
[CH14, EM94, HLV+17a, HJS+14, MLS+18, ACP03, GSV+17, HR05, HLV+17b, HSS+13, HZH+16, KHO6, KLM+13, KSH+16, LMS13, LLV+12, LSQ+15, LYG18, LKG+03b, LSCS14, MSHS06, MZL+09, NB11, OLGM11, OBCS+12, PSG+06, PWL13, SVKK+11, TD16, THW+14, ULM12, WAK+12, XZT+09, YSC+16, ZAC+17].
shaping [CLC06, GMB17]. shared
[BAM13, KKB+11]. sharing
[SGM12, SSTD15, SMH16]. sharp
[ASGCO10, FCOS05]. Shear
[SHE15]. Sheard
[YMB15]. Sheared
[YMRD15, ETH+09, EHDR11]. SHED
[KvKSHC015]. shedding
[WP10]. sheet
[SMCT18]. sheets
[BUAG12, DBW15, NPO13, PTG12, PNJ014]. shelf
[MHM+17]. Shell
[CTW+04, PBFJ05, CSvR18, CQD+18, NAI+18]. shells
[BMWGO7, CAJ09, GSLF05, GHF+18, KMB+09, MPBC16, MKB+10, RK13, RMSG+08]. Shield
[LRAT08]. shiftable
[SMH+11]. Shining
[KHK15]. shock
[Erl07]. shot
[AWL15, BGK16, BKGK17, BBB+10a, XNY+16]. shots
[JRT+15, LWC14]. shoulder
[HOK16]. Shutter
[JGN16, RAT06]. side
[XSZ+09]. Sifting
[BBPA15]. SIGGRAPH
[Sens03]. sign
[TTW14]. signal
[RH04, RTD+10, WYY+14].
signal-processing [RH04]. signals [CH05].
signed [ZDI+15]. silhouette
[RSH+05a, SCH03]. Silhouettes [JHR+15,
KDMF03, RD10, VBMP08, WL16].
silicone [AMG+18, ZKT17]. SIMBICON
[YLvdP07]. similar [BDG15]. Similarity
[CZ17, LLN+14, BB15, BD02b, DAB15,
GC06, GAGH14, GvdBL+12,
KvKSHCO15, LKS15, SMGE11, ZRB14].
Simit [KKR+16]. Simple
[BR94, FM84, LR90, LR91, LKF12, MD94,
SO92, TPP+11, TM84, CPSS10, Ga99,
GKS02, HH16, KLL+11, TSG+14,
VMTF09, YLvdP07, YZ04]. simplest
[PR97b]. simplex [FL16]. simplexes
[DeR88]. Simplicial
[JS17, PBCF93, CSZ16, ETK+07, FLSG14,
GD02, MZD05, MB12, ZQC+14, dGAOD13].
Simplicity [EM90, FLB16, PSBM07].
simplification [ABA02, CHPR07, DSSC08,
DDS03, GPW+17, GZ05, LT00, LWH15,
LXFH15, OL03, Pe05, SCF+04, SAMWL11,
WYY+14, ZG02]. simplify [SSIS16].
Simplifying [WM03]. simulated
[CJ+11, DIH96, HRL15, HMLL14, MPP11,
SH08, YCBvdP08]. Simulating
[BWRB05, CWSO13, JGC+15, KJ08,
LDHM16, LGF04, MM06, SSC10, SKL07,
TOK14, WM14, ZBG15b, FMB+17,
FBGZ18, GTJ17, SSBD03, YLN12].
Simulation [BSL+16, BK16, CZY17b,
DKHS14, EM90, GDAB+17a, HWZ+14,
HH16, KLL+07, KRRK+16, LYGW13,
LB17a, PMS12, RLY+14, SLST14, SDK18,
SS06, XIM18, AR15, BGO16, BGFAO17,
BH16, BML+14, BB12, BBB10b, BDW13,
CMC16, CXW+05, CK1W5, CsvRV18,
CAR+09, CM11, Czy17a, CLMM014,
CQD+18, CGG+17, DBD16, DLF12,
DLL18, FLIP13, GDAB+17b, GKS12,
GNS+12, GHP+07, GTH14, GKS02,
HMS05, HPJ12, HTC+14, HW15, HW16,
HG09, IGLF06, JP02, JP03, JYJ+14,
KHD14, KSNG17, KGBS11, KTJG08, KJ09,
KySK10, KP11b, KD13b, KGH+14, KP03,
LST09, LLJ+11, LDN+18, LBOK13,
LMH+15, LBK17b, MKB+10, MSW+09,
MBF04, MYH+10, MC11, NGCL09, NS012,
NB11, NO13, OP1O10, OKR10, PBH15,
PDZ+18, PTC+10, QSH+15, RSM+10a,
RNGF03, RK13, SSB+15, SML+12, SLF08,
SABS14, SWL11, SMD+15, SOHK16, SG11,
SSC+13, SKP08, SJP11]. simulation
[TGK+17, TGM15, TBV12, TJO8, UHT17,
UPSW16, VMTF09, VK+14, VK16, WY16,
WPLS18, WRK+10, WLP16, WMW15,
YJL+16, YLX+15, YCR+15, ZNT18, ZBI3,
ZSTB10, dSAP08]. simulation-ready
[ZBI3]. Simulations [MSQ+18, Thu17a,
ATW13, ATW15, BP08, BSG12, ISF07,
Kim10, LJS+15, LAD08, MBI+15, PSE03,
RPC+10, Thu1b, TPMP03, YCL+17].
Simultaneous [NLW+16, HVTG08, ISS16,
PTH+17, SKV+12, TFK+03, VSK+17].
Single
[CWW+12, DAD+18, Fat08, GHG17,
GXY+17a, HMLL15, HWK15, LOW18,
NZV+11, SYS14, TXF+08, WZHB09,
WS17a, YPA+18, BKG16, BKGK17,
BSW13, BCRK+10, BBB+10a, CLS+15,
CSW+16, CZS+13, DMF15, DTPG11,
EKD+17, FSH+06, GSY+17, GXY+17b,
GSLM+08, HSW+17, HLV+17c, JTC09,
KSES14, KYC+17, LAGP09, LDPT17,
MSS+17, PSB+08, SJA08, STXJ15, SPDF13,
SRN05, SZL10, WGO+18, WTL05,
WSXC16, WZC12, WSTS08, WS17b].
single-camera [WGJ+18]. Single-image
[DAD+18]. Single-phonon [LOW18].
single-shot [BKG16, BKGK17, BBB+10a].
Single-View [YPA+18, CWW+12,
HMLL15, HWK15, LAGP09]. singular
[KABL14]. singularities [SSC18].
Singularity [LZC+18, LLX+12].
Singularity-constrained [LZC+18].
singularity-restricted [LLX+12]. sites
[KGF14]. six [KKB+11]. six-user
[KKB+11]. Size [LHJ+14, HCOB10]. Sizing
[Bae82]. Skaterbots [GPD+18]. SkeletalSurface [HTCH15]. Skelet
[ATC+08, ULP+15, BAS14, CGC+02, HWCO+13, KP11b, LYWG13, TZCO09]. skeleton-driven
[CGC+02, KP11b, LYWG13]. skeleton-mesh [BAS14]. Sketch
[ATW+17, CNX+08, ERB+12, ST14, ST16, TPSHSH13, ZIH+11, CBL+16, DS15, EHA12, LWH15, NSAC005, PHS+18, SSISI16, SSI18b, XCF+13]. Sketch-based
[ATW+17, CNX+08, ERB+12, TPSHSH13, ZIH+11, CBL+16, DS15, NSAC005, PHS+18, XCF+13]. Sketch2Photo [CCT+09]. Sketch2Scene [XCF+13]. Sketch
[IBB15, HFL14, KH06, LZ04, MG03]. Snaps [VGA+18, JT05, LJG14, JBK+16]. Slicing [BL18, JT05, LJG14, JBK+16]. Slippage
[ZYQ+15]. Smart [RO94, XFAT12, ZCC+12].
SmartBoxes [NSZ+10]. SMASH
[MTM16]. Smith [HHdD16]. Smoke
[PM17b, RNGF03, Thu17a, WPS14]. CKP+16. CT17, FL04, GSLF05, LGF04, PM17a, SRF05, SABS14, SY05, Thu17b, TMPS03, WP10, YCZ11, ZRL+08]. Smooth
[DFZ+17, LD12, LM91, PR97a, Pet01]. RH94, RLU95, BHK14, HTWB11, KLS03, KP03, Mal89, OBW+08, WP06, WWT+06. ZWL+18]. smooth-shaded [OBW+08]. Smoothed [ERT14, KS10, TJM15]. Smoothing [Pet95, SD02, SGW18]. BHY15, JDD03, KEE13, PR97b, XLJ11]. smoothness [LWL+09, YZ04]. SmoothSketch [KH06]. SMPL [LMR+15]. snakes [LLZM10]. Snap [GSKJ03, ASF+13]. Snap-together [GSKJ03]. SnapCut
[BWSS09]. snapping [ASF+13, LISTS04]. Snapshot [CHWH17, HL+17c]. Snapshots [KF03, SCH+16]. snow
[SSC+13]. soap [DBW15]. social
[APS+14]. Soft [AASP17b, GTB15]. LAA+05. PZ17, TTL12, WAC07, AASP17a, AOP+18, AAM03, BBO+09, FTP16, JLI1a, KPMP+17, LYWG13, MZL+17, MWR12, MA07, PRWH+18, RWS+06, WWY+15]. Softshell [SKK+12]. Software [Fol86a, Fol86b, Fol86c, MA02, WW82, KKKS18]. SOHO [LF08]. solar [KNN+14]. Soli
[LGK+16]. Solid [BN90, CCK92, KFCO+07, MC11, NY94, Roc89, ANZS18, AB02, BBB07, CH02, CS09, CW513, CDM+02, DF88, LLJ+11, LDHM16, NGL10, RS98, SS0a, TO08, TLK16, WZGG10, ZGZ16]. solid-fluid [BBB07, HLW+12, TLK16]. solid-liquid [CWSO13]. Solids [K595, AD03, FGP11, Lee05, LB18, MKB+10, PKA+05, RMSG+08, YJ+16, ZSTB10]. Solution [SAZK06, YWH13]. Solutions
[GM84, OF01, DJ17, DJ18, HDA17]. Solver
[PM17b, XM18, ATW15, BDC11]. BBG12, DBBB11, JCW19a, LBB17a,
LDN^18, LMAS16, PM17a, SBZ09, ZNT18, dGWH^15. **solving** [BFGS03, ZBG15a].  
**Solving** [FH97, PKHK15, Hol18, JASR99].  
**Some** [CI97, GM84].  
**Sony** [KCSG18].  
**sort** [CTM13].  
**sort-based** [CTM13].  
**Sound** [LFZ15, SM17a, ACSM12, CRS^+16, CAJ09, CJ11, CZJ12, CLG^+16, CQD^+18, DRW^+14, DYN03, DLL^+15, JBP06, LAJJ14, LJ14, MRA^+13, MYH^+10, RSM^+10a, RS14a, RS18, RYL13, SMM14, SM17b, SJM17, WQLJ18, WOD09, Yi17, YMR^+13, ZCT16, ZJ10, ZJ11].  
**soundbanks** [ZJ10].  
**Spacetime** [MYH^+10].  
**sounds** [AJM12, BLT^+15, BDT^+08].  
**soup** [SOS04].  
**soups** [BDS^+18].  
**Source** [SM17a, GTHD03, GGH03, MRA^+13, SM17b].  
**Sources** [NON85, OF01, CDP^+14, JBP06, MRL^+14, RSM^+10a].  
**Space** [BYG96, BYRN17a, EK98, GRGC15, HC86, LLKP11, LHD^+14, Pet89, SAL^+08, Shn92, TLG17a, WLX^+18, ZIT^+18, A889, ACP03, AP08, ATDP11, BSW02, BYRN17b, BKO16, BCWG09, BBB^+14, CBD13, CLW16, CGZ08, DCD15, HPJ12, HMT^+12, JL11b, JTL^+12, JTSW17, KH14, KMP07, KBW^+15, LAKL11, LH06a, LSCO03, LC15, LKG^+03b, MVH^+17, MGG06, MHC^+16, RH02, RN16, SNN^+13, SXX^+17, SGM^+16, SvKK^+11, SMD^+15, SAZK06, SZLG10, TMKD15, WAKB09, Wym05, XB16, YPPM11, YYW12b, TLG17b].  
**Space-Filling** [Shn92].  
**Space-time** [GRGC15, LLKP11, LHD^+14, SAL^+08, ZIT^+18].  
**space-warp** [LKG^+03b].  
**spaced** [Gos00].  
**Spaces** [KP92, DCP14a, HRV97, Lip12, OKH^+17, SFP04, TGY^+09, VABW09, ZCC16, dASTH10].  
**Spacetime** [PM17b, SLS^+12, ZSC04, HSvTP12, PM17a, SvTSH14, XWW^+14].  
**Spark** [FH11].  
**Sparse** [ASGCO10, BFGS03, FGBP11, HSB^+12, NVV^+13, NSF12, WLY^+16, ZCD^+16, AGL^+17, ALS^+18, BBN^+12, HLSO12, HDA17, KBW^+13, KSA13, LLDD09, LD13, LMB14, Mus13, ODAO15, RTK^+15, SVTSH14, SABS14, SNF05, SL17, Tzik11, TKKT12, TS12, XYJ13, XSHR18, dAST^+08].  
**Sparse-as-possible** [ZCD^+16].  
**Spar sesly** [HWZ^+14].  
**Sparsity** [SHD^+14].  
**Spatial** [BSB16, GRS^+17a, HKT10, LLWD14, BSB17, DH06, GB08a, GRS^+17b, LBJK09, LH06b, LKG^+03a, LGX^+13, Yi17].  
**Spatial-spectral** [LLWD14].  
**spatially** [BJ10a, BATU18, DWP^+10, DTPG12, DCP^+14b, GWN^+03, HMP^+08, JAG18, MAG^+09, TFK^+03, WRG^+09, XDPT16].  
**spatially-aware** [TFK^+03].  
**spatially-correlated** [JAG18].  
**spatially-varying** [DWP^+10, DTPG12, MAG^+09, WRG^+09, XDPT16].  
**Spatio** [ZM13, BBK^+15, GBAM11, KZP^+13, VBK05].  
**spatio-angular** [KZP^+13].  
**Spatio-temporal** [ZM13, BBK^+15, GBAM11, VBK05].  
**Spatiotemporal** [PKC17, YPG01, ASK^+12, HLR^+14].  
**speaker** [EML^+18, NKA08].  
**speaker-independent** [EML^+18].  
**Speaking** [SDO^+04].  
**Spec2Fab** [CLD^+13].  
**Special** [BG89b, Foli86a, Foli86b, Foli86c, FGN84, Pha18, Ros94, Sto92, WKR99].  
**Specific** [BG89b, Foli86a, Foli86b, Foli86c, FGN84, Pha18, Ros94, Sto92, WKR99].  
**species** [TGK^+17].  
**Sparsity** [SHD^+14].  
**specified** [HFM^+10, WPC^+14].  
**Specifying** [Van82].  
**speckle** [Par17].  
**spectra** [BDM09, SJ17, WPC^+14].  
**Spectral** [DBG^+06, FHL^+18, GO17, HZM^+08, KBC^+13, KHLN17, LHJ^+14, ÖAG10, YLM16, AHD15, BCG05, CJN^+17, HW12, KYS^+15, LLWD14, RZK11, SvKK^+11, SLMR14].  
**spectroscopy** [KRD^+12].  
**spectrum** [BWWM10, Fre16, ZHWW12].  
**Specular** [CA00, IM12, JM12, KYYL08, YHJ^+14, YMR16, YHW^+18].  
**Specularily** [RT90].  
**Speculative** [AVGT12].  
**speech** [CTFP05, CB05, EML^+18, EGP02, OSL16, ...
TKY$^++17$, ZXL$^++18$. speech-driven [CTFP05]. Speed
[GHCC88, PSBM07, TAH$^++04$]. SPGrid
[SABS14]. SPH [AIA$^++12$, AAT13, BGI$^++18$, HWZ$^++14$, JZW$^++15$, PICT15, RLY$^++14$, SB12, SP09, WHK17, YJL$^++16$]. SPH-Based
[HWZ$^++14$, JZW$^++15$]. Sphere [HH16, TGBE16, TPF16, BO04, LF08, TGB13].

Sphere-Meshes
[TGBE16, TPT16, TGB13]. sphere-tree
[BO04]. spheres [Hub96, SHWP09].

Spherical [ALKL17, BXH$^++18$, BF01, CCW93, KISS15, PH03, SB15, DHB17, GCP$^++10$, GFT$^++11$, GGS03, HKWB09, KSH10, KH10, KWN$^++17$, LKK$^++16$, MWM08, RWS$^++06$, SHL$^++17$, TAV$^++10$, TGB13, TS06, TFG$^++13$, WR18, XSD$^++13$].

Spin [BWBSH14, CPS11]. Spin-it
[BWBSH14]. spinnable [BWBSH14].

SpinVR [KDMW17]. spiral [ZZX$^++18$].

splatter [LSR18, WFI$^++07$]. Spline [BS88, BS90, BL18, Foli87, Joe90a, KPP17, Kla91a, LT08, RLU95, Sei93, SYS14, vOV96, BA83, CG89, PU06, SCF$^++04$, WPL06, GBK05].

Splines [BBB$^++93$, BF01, DB88, FB95, Joe90b, Las90, PP03, Pav83, Pra89, TB87, vOV96, vW84, BB83, CZ17, CLS85, Coh87, FW12, FSH11a, HP04, Joe98, KA08, LT09, LJ14, Pot91, SZBN03, YHB05].

split [WTGT09]. splitting
[TBV12, VK16, YWVW13]. Speak
[MEA$^++18$]. Speak-Darts [MEA$^++18$]. spray
[IGP$^++17$, NO13]. spray-on [IGP$^++17$].

Spreadsheet [Hud94]. spring
[LBOK13, SLF08]. squared [WPL06].

Squares [BIW93, DMZ$^++17$, FCOS05, HFG$^++18$, LPRM02, SWM06]. St. [BJ05].

Stability
[YKGA17a, LLK$^++15$, SMZ$^++14$, YKGA17b]. stability-based [SMZ$^++14$]. stabilization
[BB14, FL11, GF12, Kop16, LGJA09, LGW$^++11$, LYTS13]. Stabilizing [DLK18].

Stable [CK02, DJBDT10, ETK$^++07$, Hob91, SDK18, SSK05a, TNGF15, dASTH10, FTP16, MLB16]. Stackabilization
[LAZ$^++12$]. stacking [GBF03]. stage
[ALY08]. Staggered [HLV$^++12$, KSJP08].

Stair [KTBV16]. stand [PWLH13].

standard [RFWB07]. Star [SPO10, KS04a].

Star-contours [SPO10]. state [OKH$^++17$].

Static [FV96, SPV$^++16$, FKY$^++10$, HLV$^++17$].

Station [Lev84]. stationary [AWL15, AIH$^++08$, RCOL09, ZSB$^++18$, MFR$^++10$].

Statistical
[KV05, MA06, Bel18, CH07, GMP$^++06$, GvdBL12, LWS02, LWL17, WMC11].

statistics [Fat07]. Steady [RV11, DHL14].

Steerable [AS02]. steering
[CAR$^++09$, OPOD10]. steganography
[PHN$^++12$]. Step [RY92, APH$^++03$, WSM11].

step-by-step [APH$^++03$]. step-edge
[WSM11]. steps [KJ09, TJ08]. Stereo
[WF96, ZFT$^++18$, AWGB04, BGK16, FKN17, HGG$^++11$, KDR$^++16$, KDW$^++17$, MCE$^++17$, VPB$^++09b$, WSVE13]. stereo-to-multiview
[KDW$^++17$]. Stereological [JDR04].

stereoscope [HCW15]. Stereoscopic
[KLKL13, LvBK$^++10$, DMHG13, KKB$^++11$, LHW$^++10$, LSC$^++12$, NFL12, OHB$^++11$, TDM$^++14$].

Stereoscopy [LMY$^++13$]. stereoscopy
[KHH$^++11$]. Sticky [vOV96].

stiff [MSW14]. stiffly [MLT17]. stiffness
[VMTF09]. still [XWL$^++08$]. stippling
[DSZ17]. Stitch [WGF$^++18$, YKJM12].

Stochastic
[Coo86, CHPR07, GKKH12, HJ09, LLD$^++16$, Lew87, Ozti16, VR94, CGZ$^++05$, JHY$^++14$, LAKL11, SK13, YIC$^++10$, Pav90, WP90].

stochastically [RMGH15].

stochastically-ordered [RMGH15]. stock
[KSES14]. stokes [LBB17a]. Store [Wes88].

Storing [SW85]. storyboarding [GCSS06].

straight [MSW$^++09$]. strain
[PBH15, WOR10]. strands [SJLP11].

strategies [SK13]. streams [GN06]. stream
[ATW15, BAM14, BFH$^++04$, HZG09, HNN$^++02$]. stream-processing [HNN$^++02$].
streamable [CCS+15]. Streaming
[ILSS06, KH08, KDMW17, KLHG09, SBZ09]. streams [AMN03]. Street
[KCSC10, CEW+08, XFZ+09]. street-side [XFZ+09]. strength
[LSZ+14, SVB+12, ZLB16a]. Stress
[SVB+12, MB15, PRZ17, PNH+14]. stressful [MIWB02]. stretch [WYSL08].
String [KMM17b, KMM17c]. strip [CK14b, MS04]. strip-based [MS04].
Stripe [KCPS15]. strips [CK14b, TISM16]. stroke [LYFD12, XKK+16]. stroke-based
[XXK+06]. StrokeAggregator [LRS18]. strokes [HTER04, KMM+02]. Structural
[LF02, LLN+14, WSW+12, ALX+14, BSFG09, FSH11b, IIO05, LSD+16, LLW17, PMW+08, SVB+12, SKAG15, ZPZ13]. structurally [DLL+15, WOD09, ZCT16]. structurally-sound [WOD09, ZCT16].
Structure [CA09, FLMW14, FvKBCO16, HGM14, KEE13, LCOZ+11, LRL13, MDMW15, PQW+08, SFCH12, XZW10, XYXJ12, ZXTZ15, ZJMB12, CMZP14, DH06, GPW+17, HYG+13, HKAK14, JAM+10, LDHM16, LGF04, NCHG04, SABS14, SYJS05, UMK17, WVJH17, ZLC+13, YCZ11].
Structure-aware [CA09, LRL13, PQW+08, ZJMB12]. Structure-based [XZW10].
structure-driven [HYG+13]. structure-from-motion [CMZP14].
Structured
[ARB+03, GIZ09, LN84, SSII18a, HDS+18, KFWM17, LKK+16, LBW+14, MCT15, RGB16, RHDG10, SMCT18]. Structures
[vOV96, BPK+11, Boi84, DPW+14, JTSW17, JLBMO5, KPWP17, LSK+06, LXC+17, LYO+10, MLB16, PLW+07, STK+14, SHOW02, SFG+13, WWY+13, YCC17, ZHRB13, dGAOD13, vKXZ+13].
Study [CMS95, LJGH11, RGSS10]. stuffing [LS07]. stunts [TGLT14]. Style
[BSM+13, GMHP04, HPP05, HLV+17a, LHLF15, SPB+14, XLZ+10, FTP03, GAGH14, HLV+17b, LJGH11, LHP05, LK15, LKWS16, MB12, NKA05, PO08, SDKN18, SED16, SBLD15, WPP14, WYX11, XWCH15, YM16]. Style-based
[GMHP04]. Style-content [XLZ+10].
Style-Defining [HLV+17a, HLV+17b]. Styles [YXX+18, LP10, SHU+16]. stylistic [CCL12].
StyLit [FJL+16]. Stylization
[DS02, FJL+16, LYFD12, ZAJ15]. stylize [ZAJ15]. stylized
[FJS+17, KDMF03, LMPB+13, RTF+04, TiAB10, Wam16, dSAP08]. Stylizing
[BCK+13, EBGB14]. subband [LSC05].
Subdivision [AB08, Che92, DLG90, Gol84a, Kla94, Lew87, Rap91, dGDMD16, BFK+16, CAD09, DM13, HSH10, ISD04, KP07, KSO8, KBZ15, Lev06, LYLL08, LJG14, LS08, LSNC09, MRF06, MFR+10, MP09c, Nas87, NLM12, PO08, PR07b, PS04, SW05, SJ05, VB06, WP06, WWT+06, ZHX+07]. subdivisions [GS85]. SubEdit [STP09].
Submissions [Ols88]. Subspace
[BJ10b, HTS+14, HZ13, HSL+06, KDI3b, LGW+11, MA07, PBH15, TMK15, AKI08, BJ05, MHR+16, TOK14, WJKB15, WMW15, XBJ15]. substrate [PH15b].
substructuring [BZ11]. Subsurface
[FHK14, DW+10, FMH+10, PeBM+06, STP09]. Subtle
[BSMG09, WR5+12].
subtractive [ZJ18, ZZX+18]. successive
[FZL+15]. suggesting [LRFH13].
suggestion [CXY+15]. suggestions
[CK10, JTRS12, SSK+17]. Suggestive
[DFRS13]. sum [BDD11]. summarization
[DT15, WRF+10]. summation [ZB14].
Summed [NMLH14, NMLH11].
Summed-Area [NMLH14, NMLH11].
Super [BAC+06, CBD13, NYY04, SDP+18, XFC18]. Super-helices [BAC+06].
super-resolution [SDP¹⁸, XFCT¹¹⁸].
supercompressed [KPM¹⁶].
superimposed [AYL¹²]. Superimposing [BI⁰⁸]. superresolution [HLR¹⁴].
supersampling [DVC⁰⁹, DEM⁹⁶, YNS⁰⁹]. Supervised [YZX¹⁸, HSG¹³, SSK¹⁷].

Support [DWW¹⁸, AFR⁰⁷, CK⁰⁸, ISD⁰⁴].
Support-free [DWW¹⁸]. supported [SFLM⁰⁴]. Supporting [Hi⁺⁸⁶, DPW⁺¹⁴, LPS⁺¹³, MIB¹⁵, VHWP¹²].
suppression [LSL¹⁸]. Supra [WWH⁰⁴].

Supra-threshold [WWH⁰⁴]. SURE [LWC¹²]. SURE-based [LWC¹²]. Surface
[BI⁰⁹, BI⁺⁰⁸, CG⁸⁹, DHB⁺¹⁶, DNZ⁺¹⁷b, DLG⁹⁰, EC⁹³, EK⁸⁸, FNO⁸⁹, FG⁹⁰, FB⁹⁵, GLL⁺¹⁶, HWZ⁺¹⁴, HH⁺¹⁶, HTCH⁺¹⁵, KM⁹⁷, LC⁹⁶, MB⁺¹⁵, Mi⁺⁸⁷, PM⁰⁵, SO⁹², SYSP⁺¹⁴, TG⁷⁺¹⁷b, VBF⁺¹², YIC⁺¹⁴, ZWK⁺¹⁴, Zyd⁸⁸, dFP⁹⁵, AMCO⁰⁸, APL⁺¹⁴, AAT⁺¹³, AB⁺⁰², ASL⁺¹⁷, BUS⁺¹³, BH⁺¹⁴, BLN⁺¹³, BHW⁺¹³, BB⁺¹⁰b, CBC⁺⁰², CS⁺¹², CB⁺¹³, CMMK⁺¹⁵, DB⁺¹⁴, DNZ⁺¹⁷a, DTB⁺⁰⁶, DBG⁺⁰⁶, DCP⁺¹⁴b, EB⁺¹⁴, FG⁺¹⁴, GZ⁺⁰⁸, GSM⁺⁰⁸, GTR⁺⁰⁶, HTG⁺¹⁴, HSTP⁺¹¹, HLZ⁺¹⁰, HNB⁺⁰⁶, HLZ⁺⁰⁹, HZ⁺⁸², JCW⁺⁰⁹b, JSMF⁺¹⁸, KH⁺¹³, KG⁺⁰⁶, LDK⁺¹⁸, LDPT⁺¹⁷, LF⁺⁰⁹, MCKS⁺¹⁷, MFL⁺¹⁷, Mi⁺⁸⁷, MA⁺⁵⁺¹⁵, MB⁺¹⁰, NGΗ⁺⁰⁴, OBS⁺⁰⁴, PO⁺⁰⁸, PKG⁺⁰⁶, RTD⁺¹⁰, STJ⁺¹³, SAP⁺⁰⁴, SSS⁺⁰¹a, SSZC⁺¹⁰, SAC⁺⁰⁴, SLS⁺⁰⁷, SAL⁺⁰⁸, SC⁺¹⁸b, SCG⁺¹⁵, SK⁺¹⁰, SS⁺¹¹, TWB⁺⁰⁳, TWG⁺¹⁰, TG⁺¹⁷a, VGB⁺¹⁴, VPB⁺⁰⁹a, VM⁺⁰⁶, WZT⁺⁰⁸b, WLZ⁺⁰⁹, WYY⁺¹⁴, WV⁺¹⁷, WF⁺⁰⁷, WPM⁺⁰⁹, XDP⁺¹⁶, XZZ⁺¹⁴]. surface
[YHZ⁺¹⁴, ZJ⁺¹⁸, ZMT⁺⁰⁵, ZM⁺¹¹, ZGW⁺¹³, ZQC⁺¹⁴, ZBC⁺¹⁵b, ZHC⁺¹⁵, ZPKG⁺⁰²].

Surface-only [DHB⁺¹⁶]. Surfaces
[And⁸², AOC⁺¹⁵, BW⁺⁹³, BHN⁺⁹⁸, BSS⁺⁸⁸, BS⁺⁹⁰, BST⁺¹⁵, Che⁺⁹², CG⁺⁹¹, DWG⁺¹⁵, Fil⁺⁸⁹, Joe⁺⁹⁰a, JH⁺¹⁵, KPP⁺¹⁷, KMM⁺¹⁷b, LM⁺⁹¹, LDW⁺⁹⁷, LC⁺⁹⁶, MS⁺⁹², RSH⁺¹⁸, Rap⁺⁹¹, RS⁺¹⁴b, Roc⁺⁸⁹, SB⁺⁹⁵, Sar⁺⁰⁰, SLM⁺¹⁷a, SG⁺¹⁷, TBW⁺¹⁶, War⁺⁹⁲, AB⁺⁸⁹, ACX⁺⁰⁹, AA⁺⁰⁹, AK⁺⁰⁴, AGCM⁺¹⁰, BX⁺⁰³, BW⁺¹⁳, BB⁺¹⁰, BH⁺¹², BWM⁺¹⁰, BF⁺¹⁶, CI⁺⁹⁷, CS⁺⁹⁰, CPS⁺¹¹, DvGNK⁺⁹⁹, EKS⁺¹⁰, EC⁺⁹⁶, EB⁺⁰⁸, EMF⁺⁰², FCOAS⁺⁰³, FLH⁺¹⁰, GOMP⁺⁹⁸, GDO⁺⁰⁷, Gβ⁺⁰⁵, H⁺⁰⁸, K⁺⁰⁸, KMM⁺¹⁷c, KYYY⁺⁰⁸, KTT⁺¹³, KCP⁺¹⁵, KLCP⁺¹⁸, KP⁺⁰³, Lev⁺⁰⁶, LPS⁺¹³, LJ⁺¹⁴, LD⁺⁸⁹, LB⁺⁰⁶, LS⁺⁰⁸, LSC⁺⁰⁹, LKY⁺¹², MGA⁺¹⁷, MIB⁺¹⁵, MR⁺⁰⁶, MR⁺¹⁰, MAB⁺¹⁵, Nas⁺⁸⁷, NISA⁺⁰⁷, NLM⁺¹², PZ⁺⁰⁷, PCL⁺¹², PLP⁺¹², PBS⁺¹³, PS⁺⁰⁹, POT⁺¹⁷, PV⁺⁰⁶, POC⁺⁰⁵, PS⁺⁰⁸, PU⁺⁰⁶, SWH⁺⁰⁹, SF⁺⁰⁹, SP⁺¹⁴, SLM⁺¹⁷b, SOS⁺⁰⁴, SO⁺⁰⁷, SS⁺¹⁰b, SR⁺¹³, Sta⁺⁰³]. surfaces
[TSN⁺¹¹, TDL⁺², TO⁺⁰², VBC⁺¹⁰, VdF⁺⁹⁹, VHWP⁺¹², WMT⁺⁰⁵, WSM⁺¹¹, War⁺⁹⁹, WDB⁺⁰⁸, W⁺⁰⁹, WGL⁺¹⁸, YH⁺¹⁴, YZ⁺⁰⁴, YT⁺¹³, ZV⁺⁰³, ZMT⁺⁰⁶, Z⁺⁰⁹, ZHX⁺⁰⁷, V⁺⁰⁹].
Survey [DKHS⁺¹⁴, Gre⁺⁸⁶, GB⁺⁰⁸a].
suspended [FO⁺⁰³]. SV [RGB⁺¹⁶].
SV-BRDF [RGB⁺¹⁶]. SVBRDF [AWL⁺¹³, AWL⁺¹⁵, DAD⁺¹⁸, DWT⁺¹⁰, ZCD⁺¹⁶].
SVG [WWH⁺¹³]. swapping [BK⁺¹⁰⁺⁸].
Sweep [CZ⁺¹³]. Sweeping [V⁺⁸⁴].
Swimming [SLST⁺¹⁴, SU⁺¹⁶, GTTL⁺¹¹].
swings [CB⁺⁰⁵]. SwingWrapper [AFS⁺⁰³].
Switchable [SMI⁺¹¹]. Symbolic
[EC⁺⁹³, BCT⁺¹⁵, Gue⁺⁰⁷]. Symmetric
[JT⁺⁰⁹, vW⁺⁰⁹, LF⁺⁰⁸, PLP⁺¹², SR⁺⁹⁷, YTL⁺¹⁸]. symmetries [MSH⁺⁰⁶, TH⁺¹⁴].
Symmetrization [MG⁺⁰⁷]. Symmetry
[BSE⁺¹⁸, KLF⁺¹², LCF⁺¹⁰, RS⁺¹⁴b, BWS⁺¹⁰, CMZ⁺¹⁴, LSS⁺¹⁷, MGP⁺⁰⁶, PZ⁺⁰⁷, PSG⁺⁰⁶, RV⁺⁰⁸, WFW⁺¹⁰, XZT⁺⁰⁹, XJ⁺¹², ZX⁺¹³]. Symmetry-guided [KLF⁺¹²].
symmetry-summarization [WW⁺¹⁰].
sync [SSK⁺¹⁷]. Synchronization
[Hi⁺⁸⁶, ELFS⁺¹⁶, WŻ⁺¹⁴].
synchronizing [LJ14].
synchronous [HLZ10, HZG08]. synopsis
[ACCO05]. Syntactic [SG91]. Synthesis
[AFP+95, BSL12, CZX+16, CBYvdP08,
DBP+15, HM92, LW15, LLX+01, LP02,
RO85, RO87, SO17b, TZL+02, WB08,
YL12, YBY+13, ZZV+03, AAL16, AVB08,
AJM12, AFO03, BSHK04, BDT+08, BN13,
CDSD13, CWL12, CT17, CLG+16,
CWTW17, DSB+12, DLL+15, DLKS18,
EVC+15, FP03, FH04a, FJS+17, FRS+12,
FSL+15, FCW+17, GPD+18, GMP+06,
HET+14, HRRG08, HWRH13, HSK16,
JYL09, JHS12, KWR16, KCKK12, hKPS03,
KL12, KFCO06, KSE+03, KEKB05,
LES09, LH05, LH06a, LHL10,
LSR18, LDF14, LTK09, LWS02, LSA+16,
MJC+08, MWG09, MM08, MC12,
MYH+10, NSCL08, ÖG12, ÖP+09,
PCSS06, PZ17, PB02, RYL13, RCO10,
SOC17a, TOS+03, WZT+08b, WYZG09,
WHR010, WSCR18, WQLJ18, WHZ+08,
WLHR11, WLHR12, WY04, XUC+14,
YYTC12, ZG04, ZMB12, ZHW+06, ZJL14,
ZZB+18, ZTF+18, ZFWW18]. Synthesizing
[NSB13, RHHDG10, SHP04, SSKS17, YKH04,
YYW+12a, NRH17]. Synthetic
[LCV+04, PTSG09, PC82, WGJ+18,
BDI+02, CNR08, KHHF11, OP010].
synthetic-visualization [OP010]. System
[CM83, GF82, SG86, Bb06, BTFN+08,
CSTP16, DHOO05, FNvdD82, GPCP13,
HGY17, HFTF15, HHF16, HGG+11,
HW14, HMT+15, JLF+09, KLHGO9, LZ04,
MGAK03, MP04, MIW16, MI07, NJS+11,
RKKS+07, SPJJ10, SYY+04, TL04, TKT11,
WZK+17, WS99, YCL+17, ZPGK02].
Systems [FH97, LN84, Ree83, WW82,
ZIH+11, ACXG09, FLP14, HF18, HDA17,
KJS10, LBOK13, SSB+15, SHS+04,
SHHW16, SAZK06].
T [CZ17, GBK05, KPP17, KBZ15, SZBN03,
SCF+04]. T&I [NPP+11]. T-junctions
[KPP17]. T-mesh [KBZ15]. T-NURCCs
[SZBN03]. T-Spline [GBK05, SCF+04].
T-splines [CZ17, SZBN03]. Tables
[NMLS14, NMLH11]. tabletop [Ano03].
Tactile [LDS+16, TGZ18, BP12, SPG13].
tags [MWH+09, RbB+04]. Tailored
[POAR12]. taking [CLC96]. talk
[SQRH+16]. tall [CM11]. Tangent
[BS88, PP93, FSDH07, VB06]. tangents
[HLHZ08]. Tangible
[JP+14, Ano03, GMP+16]. tangle [SP16].
Tanks [KPZK17]. tapestries [BGSF10].
Target [FL04, GRS+17a, GRS+17b].
Target-driven [FL04]. Task
[AvdP16, Cas91, CBvdP09, SKB+14].
Task-Analytic [Cas91]. Task-based
[AvdP16, CBvdP09, SKB+14]. tasks
[BSL12, GSCO12, YKH04]. Tau [Las90].
Tau-Splines [Las90]. Taylor [ZRLK07].
tearing [PNdJO14]. Technique
[EM90, Ree83, Res87, JM12, JB02].
Techniques [And83, HL14, Jan91, Kaj83,
Ols88, RO85, RO87, SWZ96, UBW99, CB04,
IGLF06, JDR04, JASR99]. technology
[BP12]. teeth [WBG+16]. tele [HYG+13].
tele-registration [HYG+13].
teleconferencing [JLF+09]. Telepointer
[RO94]. Telepointers [RO94].
telepresence [GW+03]. telescoping
[YCC17]. templates
[JZvdP+08, KLM+13, PYW14, ZHG+16].
temples [KPZK17]. tempGAN
[XFTC18]. Temporal [AECO15, LAC+11,
MKD+16, OHX+14, WGP+10, BGSF10,
BBK+15, BTS+15, GBAM11, LWA+12,
LBK09, VB05, WFS+09, ZRLK07, ZM13].
Temporally
[ASC+14, HAKAK16, LLV+12, XFTC18].
tendinous [SSB+15]. tensegrity [PTV+17].
tensile [VMTF09]. Tension [BB83, DLG90,
AAT13, GMB17, TWGT10, ZQC+14].
tension-actuated [GMB17]. tensioned
[Coh87]. Tensor [PRK+17, SG17, Ta15,
WLHR12, TS06, TS12, WWS+05, XZY+17].
TensorTextures [VT04]. terahertz [WW13]. Terrain [GGG+13, LYvdPG12, PBvdP16, cWP10, BST09, CGG+17, GDG+17, LH04, PBvdP15]. Terrain-adaptive [PBvdP16, cWP10]. tessellation [VdFG99]. tessellation [FFB+09, GBK05, HMAM09, LYL+09, LSNC09, NL13, ZS00, BA08, LL10]. tessellations [BLdG+16, LXY+16]. Testbed [WW82]. Tetrahedral [HZG+18, ACSYD05, ATW13, KTY09, LS07, PRP+15]. tetrahedron [TWAD09]. tetrapuzzles [CGG+04]. Text [HAB16, XZZ18, JMD+17, RMBB+13, SFLM04]. text-based [JMD+17]. Texture [CS00, DYT05, KEK05, LLX+01, LPC+11, LHVT17a, MZD05, MHC+16, SCO17b, SS00, SWWW15, TBT08, TB87, WK95, AAL16, BKO16, BKR17, BNTS07, BDO2b, CTW+04, CLKL14, CSHD03, DvGNK99, ESZ+17, FH04a, FCCH08, HP03, HRRG08, KBD07, KFL12, KFCO+07, KSO03, LH05, LH06a, LPRM02, LWS02, LLH04, LDHM16, LSA+16, LHVT17b, LFB+13, MWGZ09, MS13, MCHAM06, PKCH18, RA06, SCO17a, Sds02, SXD+12, TSL+02, TOS+03, TT09, WHZ+16, WHZ+08, WY04, XYXJ12, ZG04, ZMTO+05, ZH06+18, ZZZ+18]. Texture-Based [SS00]. Texture-lobes [LPC+11]. textured [BGB+05, PKC+16, WM03]. Texturing [ZWT+05]. textures [AZP+05, AS02, BD02a, CGZ+05, gDGPR02, DYN03, GP08, GP09, JDR04, JP02, KMB+09, KPM16, KSE+03, LH10, LGG+07, MWT11, MWLT13, MZD05, ONO04, PZM+15, PZO08, RCOL09, SXD+12, TO08, WYZG10, ZZZ+03]. Textureshop [FH04a], texturing [CH02, GSV+14, PB02, VSLD13, XCOJ+09]. theatre [WL16]. their [Fat09a]. theme [WYW+10]. theories [LJGH11]. Theory [APH+14, CA00, JSK12, BB17, DPF03, FCJ07, JNSJ11, LDF14, MSRB07, RAMN12]. Theran [BTFN+08]. there [ISSI16]. thermal [HZW12]. thermoforming [SPG+16]. thickness [YSC+16]. Thin [HWZ+14, LSNP13, ASL+17, ABO16, BMWG07, BDW13, CAJ09, CSvRV18, CQD+18, FSH11a, GRBN09, GSLD05, GHH+18, HLHR09, PNDJ04, RK13, VLD+13, WT08, WTGT10]. thin-plate [FSH11a]. thin-shell [CQD+18]. threads [BAV+10]. Three [CKH18, CCW93, CGM91, COSL98, Day90, EM94, Gre86, JSMH12, SG17, WF96, BBO91, BSE14, IGLF06, SLWF14, UB18]. Three- [CCW93]. Three-Dimensional [CKH18, Day90, EM94, COSL98, JSMH12, BBO91, BSE14, UB18]. three-level [SLWF14]. threshold [WWH04, ZF03]. tight [DML17]. tileable [FLHC10]. tile [CML+17, WPC+14]. tile-based [WPC+14]. tiled [MS05, YBY+13]. tiles [KCDL06, LD06, CS003]. tiling [VW09]. Time [And03, AHI+08, BYC96, BJO5, BKKC06, CWTW17, DNL+17b, DLK18, GTR+06, GXY+17a, GNMH15, GVB18, KZSR16, LBK17a, MBG15, MOR+18, MEx91, TAZ+18, TSLP14, VTSSH15, WS85, ZXTZ15, ABW+17, ASA+09, ADM+08, BHR13, BP08, BZ11, BAO06, BM07, BK04, CHWH17, CWLZ13, CHZ14, CBZ15, CWW+16, CHKH18, CH02, CDP07, CBI13, CM11, CT05, CHP07, DNZ+17a, DRVD15, DLL+18, DYN03, DOHO05, DKK+16, DDJ+17, EMU15, FKY08, FKY10, GO12, GCB+17, GSKJ03, GRCG15, GXY+17b, HV04, HED05, HHF18, HRE+08, HHWH15, HDHN16, HSW+17, Hub96, HESL11, JBPS11, JP02, JTL+12, JKT+15, KWB+13, KNS+09, KCDL06, KAMJ05, LEN09, LH16, LES10, LZC11, LTK09, LKPK11, LHG+14, LLX+01, LFTC13, LHLK10, LXC+15, LBK17b, LB06, MMK14, MHM+17, MP04, MP08, MSS+17, MCK13, NMD+17, NZV+11, NIS13, PZ08, PO08, POC05, RSM+10a, RWS+06, RTK+15].
time [RJ07, RHHL02, SAL+08, SZT+08, SHHW16, SCT+15, SL17, SSI18b, SKS02, SRN05, SMPR07, TDSG15, TZN+15, TZZ+18, TPT16, TLP06, TS12, VBG+13, WAO+09, WWD+05, WTL+06a, WPP07, WP09b, WJBK15, WYM+16, WSJP17, WXLY17, WGT+05, WOG06, WZN+14, XUC+14, XZY+17, ZIT+18, ZSI+17, ZHWG08, ZRL+08, ZNI+14, dASTH10].
time-critical [Hub96]. Time-lapse [MBGS15, BM07, LEN09, SMPR07, TDSG15]. time-multiplexed [WGT+05].
Time-of-Flight [GNHM15, GVNB18, XUC].
Time-resolved [AHI+08]. time-variant [WTL+06a]. Time-varying [BKC16, GTR06, BHR13, DRvdP15, HED05, XZY+17]. Time/Space [BYG96].
times [SPDF13]. tissue [BBO+09, KPMF+17]. tissues [PRWH+18].
TOG [Ols88]. together [GSJK03, RTB17].
toil [DBWG15]. token [Zit13]. tolerance [MCSA15, YRPF09]. tolerant [SLWF14].
tomographic [WLHR11]. tomography [GKH12, IYY14, ZIT+18]. ton [CXW+05]. Tonal [FL11, LFUS06]. Tone [SW18, ASC+14, BPD06, EMU15, EKM17, FFLS08, KO11, LCTS05, MDK08, MAF+09, RSSF02, RST+07, WXY11, ZHYZ12, ZF03].
tool [BDM09, FH04a, JRT+15, MZB+17, WAC07, XFAT12].
toolkit [FH04b, MGDB05]. Tools [BLA12, BD86, HA92, SB93, PLK218, RMD12].
toond [ZLWH16]. tooning [WXSC04]. Toonsynct [DLKS18]. Topological [LDW97, VV04, vOV06, GMP09, LDK+18, NGH04, TR98, VW95]. topologically [PKZ04].
Topology [ALX+14, ABA02, DFL+15, HZCJ17, MB12, NHS+13, PSF09, Sar00, ZJL14, ZSCM17b, ZHJCJ15, AXZ+15, ABO16, BHK14, BW13, BHLW12, BBB10b, DRvdP15, JZH07, LHM09, MBF04, Mup13, NKJF09, SLS+07, Sta03, WTGT10, WHDS04, YHZ+14, ZPBK17, ZSCM17a].
Topology-based [DFL+15].
Topology-constrained [ZJL14, ZHCJ15].
Topology-controlled [HZCJ17].
Topology-driven [NHS+13]. topology-preserving [LHM09].
Topology-reducing [ABA02].
Topology-varying [ALX+14, AXZ+15].
Toric [GPSZ11, LC15, MGA+17]. Total [MGDA+15, XYX12].
touch [PRWH+18, RP09]. tourism [SSS06].
tourist [GASP08]. tower [DFL+15]. toy [ZXS+12]. toys [MS04, MI07, SWT+17].
traced [EDR11, HR13, PFHA10]. Tracer [GIF+18].
Tracing [BK85, BK87, CFS+18, DLTW90, FHL+18, GHCC88, GRS+17a, Kaj83, Lev90, NKK+14, PP94, RS14b, RLU95, SLX+17a, TB87, VKJ+17, WHG84, vV84, BDT99, BSS+13, CR15, CXW+05, CTE05, DHW+11, GRS+17b, HJW+08, HJ11a, HQL+10, HZ11, KMA+15, LAA+05, MKD+16, Mor11, MHC+16, NPP+11, PBD+10, PBMH02, RSH05b, SHHD17, SLX+17b, SLWF14, WIK+06, WBS07, WBB+14, WSS05].
TrackCam [LWCT14]. tracked [CB04, JBM+17, PSK+16]. Tracking [BHLW12, AHSS04, BHW13, CHZ14, CMMK15, DBG14, HLW+18, HK10a, HMT+15, JST10, KHN17, LWCT14, MB12, NSJ14, TBC+16, TTT+17, TAH+04, TPT16, TTR+17, VGB+14, WP09b, WXLY17, ZLWH16]. TRACKS [BMWG07].
trade [LDS02, SCW+18]. trade-offs [LDS02, SCW+18].
traffic [LWL17, SWL11, WSL13].
train [WPKL17].
Trainable [EGP92]. Training [HL14, MCD15]. Trajectories [TFD+18, RH16].
Trajectory [GM84, LH18]. Transactions [Bea88].
transcripts [SBLD15].
Transfer [LFZ15, SHS+18, AHLT+13, ABW14].
ACSM12, BVGP09, BSBC12, CNR08, DYT05, FZL+15, HPB06, JAM+10, JBP06, JFA+15, JAG18, KAMJ05, LEN09, LYY+17, LKWS16, ODAO15, PTMD07, SDKN18, SED16, SPB+14, SHS+17, SKS02, SLS03, SHHS03, SLS05, SSBD03, SP04, TZN+15, TS06, VBPP05, WSH+16, WTBS07b, XWCH15, XCLI14, YWS+11, YM16, ZHRB13, ZRB14, LAM+11. Transferring [HLR+17, WAM02]. Transfiguring [KS16].

Transform

[GSC+15, LWS+15, PP94, Pag98, AKZ+17, BHY15, GO11, HJJ11b, PSEG+06, YHCOZ18].

Transformation

[NN90, DYT05, WKR99, WGT+05].

Transformations [BSB16, NN90, Pat85, Pat87, Tur82, Ale02, BSB17, CPS11, JBK+12, LSS+17, Spr82, VMW15].

transformed [HDHN16]. transformer [FYK10]. Transforming [XZM+18].

Transfusive [YJHS12]. Transient [LRT+14, BL15, HGH13, JMM+14, OHX+14, PKHK15]. Transition [SYSP14].

transitions [BLA12, DDD+14, WB08].

translating [CLD+13]. translation [FTP03, HPP05]. Translational [LW15].

translucency [BATU18]. Translucent [BAU15, RT90, DI11, DJ05, GXZ+13, GLL+04, HV04, JB02, PR+13, WTL05, WZT+08a]. transmission [AAR05, KV05, MP04]. transparent [SOA11, WZQ+18, YTBK11].

Transport [BJNJ18, DKHS14, LR15, SHS+18, BJ17, BvdPPH11, BPC16, DHS+05, GKD512, GLDZ15, HPJ12, HKD14, IZT+07, JMI12, KHD14, KGH+14, Leho7, LST+08, LKL+13, MSRB07, MCK+17, MRK+14, NSCL08, OK10, ORK12, OHX+14, Pan17, PML+09, QSH+15, SNM+13, SHS+17, SOHK16, VKS+14, VK16, WDT+09, gDB0D12, LLR+15]. transportation [SdGP+15].

traversal [BAM14, NPP+11, PBvdP15, SNCH08, WIK+06]. treatment [BFA02, HVTG08, KK87]. Tree

[Shn92, WLX+18, BO04, CNX+08, LYO+10, LPC+11, MGT+03, NFD07, PHL+09, PNDN12, PSK+12, PNH+14, PJH+17, TZW+07, TXF+08, XL1+09, ZHWG08, J0P4]. Tree-Maps [Shn92]. tree-modeling [NFD07]. TreeJuxtaposer [MG+03].

treemaps [BSW02]. trees [AGDL09, DVS03, LBAD+06, LDS+11, LMPB+13, PSK+12, PNH+14, RMD04, XG07]. triage [CYW+16]. Triangle [LS00, SS10b, UL1+15, AFSR03, CSN+12, GLR+11, LZKW10, PPW18, QHY+16, SNB07, SW05, SOA11, SSP08, SGC18, SP04, WZHB09].

triangle-oriented [QHY+16]. triangle-quad [PPW18]. triangle/quad [SW05]. Triangular [Sar00, FKO+10, JSO05, Lip12, PU06, YHB05].

Triangulated [RS14b, HR05]. Triangulating [FM84, WS85]. Triangulation [C84, EPO91, KLN91, dFP95, FAB+18, LPS+13]. Triangulations [Kaj14, LFXH17, Pte01, SG01, dGMMD14, ILSS06, MMdGD11].

trichromatic [PKHK15]. trimmed [SFL+08]. trimming [GBK05, SF09]. Trip [Pra89]. Triple [SR09].

triple-product [SR09]. trouble [DBW15]. True2Form [XCS+14].

truly [MM06]. truss [SHOW02]. tuner [CLD+13]. tunnel [DLSC08, She13].

turbulence [CQD+18, KTT13, MBT+15, NSL08, PTSG09, PTC+10, SDK18].

Turning [BLCD02, SSJ+11, WX91].

tutorials [ Gala09]. Tutte [AL15, AL16, AKL17]. TV [MP04].

Twice [YRP09]. twilight [HMS05]. Twistable [JS11].

Twister [LKG+03b]. twisty [SZ15].

Two [AWL15, BPD06, Gla90, Las90, LD13, RMSG+08, SJ94, SG11, TFD+18, THG99, ZSCM17a, ZSCM17b, BB12, Gal99, HP17, HFG+18, IGL06, LWS02, LKG+03b, NAI+18, NGL10, N013, RRC+16, WAH+10, XNY+16]. two-continua [NO13].

Two-Point [TFD+18]. Two-Scale [ZSCM17b, BPD06, SG11, ZSCM17a, HP17].

Two-shot [AWL15, XNY+16]. Two-way [RMSG+08, HFG+18, NGL10]. Type [LDW97]. typefaces [Sha03].


uniform [CADS09, LFS16, WW11]. Unifying [KGH+14]. unit [DFM13, HAM07, WSS05]. units [LHLK10].

unity [OBA+03]. unknown [DCP+14b, XDPT16, XZY+17]. unlabeled [XWCH15].

Unmixing [AAPS16, AASP17b, AASP17a, AAPS17]. Unmixing-Based [AASP17b, AASP17a].

UnMousePad [RP09]. unordered [SSS+08]. unorganized [HLZ+09].

unparameterized [gDGPR02]. unreinforced [PBSH13]. unseen [SMZ+14].

unsharp [LCD06, RSI+08]. Unstructured [BBPP10, PKC+16, TKKT12].

Unsupervised [SwKK+11, WSH+16].


upscaling [FF11]. Urban [GDAB+17a, VLA15, YWVV13, AVB08, CMZP14, GDAB+17b, KFWM17, KCYW13, NSZ+10, NGDA+16, SHFH11, VABW09, VGDA+12, ZSW+10]. Use [HC86, Tur82, BSW02]. User [BD86, BPD09, BBPD12, BBP13, Fol86a, Fol86b, Fol86c, HC86, Hud94, Jac86, Pel05, Re93, RO94, SG91, G08a, HRE+08, KKB+11, LZC11, Ols84, PCLC16, PTG02, SH08, WPC+14, ZZI+17]. User-assisted [BPD09, BBP13]. user-centered [G08a].

User-configurable [Pel05]. user-created [HRE+08]. User-guided [BBPD12, ZZI+17].

User-Interface [RvE93]. user-specific [WPC+14]. users [KP09, KP10]. Using [BI93, BBB+93, BJN18, BN90, CGM91, CSS96, DNZ+17b, DGH16, Du17a, DGD+17a, EC93, Fat14, GFD2, GXY+17a, HCB10, HGM14, Hud94, JGN16, KLN17a, KLN91, LLN+14, LHN+17, MHT15, RLY+14, SDN18, ST16, SG17, SHD+14, S18].

urban [SAK+12, AAKS13, ABJ14, ABC14, ABC16, ABC17, C08, C17a, C17b, D08, D10, DSH10, DSH11, DSH+11, DSH+12, DH06, DLF12, DZS08, DYN13, DYO+12, DZPZ09].

using [Du17b, DDP99, DGD+17b, EKD+17, EB08, FXBH16, FBH+10, Fat09b, Fat11, FLB17, FKY08, FSH11b, FCJ07, FLSG14, GJTP17, GGG+13, GFT+11, GLDZ15, GN3+12, GF12, GKR+05, GBAMI11, GJWW14].
using [NYY04, NZV+11, NSCL08, NKGR06, NFD07, NRH03, NLI13, NZIS13, OLAH14, PZM13, PBH15, PRJ+13, Par17, PCSS06, PMS12, PTD07, PL07, PBvdP16, PBVY17, PPW18, PTSG09, PTC+14, RTF04, RAT06, RNd+07, RGB16, RWS+06, RDL+15, RKB04, RKF11, RMMB+13, SMH+11, SW85, SNCR08, SMW06, ST14, SvtSH14, SED16, SBSS12, SAL+08, SWTC14, SHT+17, SOA11, SHK+14, SHM+14, SGG+06, SLWS07, SRL+15, TMRL14, TKZ+11, TGB13, TS06, TT09, UBW99, VABW09, VPB+08b, WIW+06, WBS07, WSHG97, WZT+08a, WHD12, WYY+14, WLL+14, WSEX16, WZK+17, WG09, WZC12, WLHR12, WM+06, WJ+05, WM03, WGP+10, XLJ+09, XWW+14, XSZB15, YCR+15, YL10, YL12, YJB+14, YYW+12a, YBY+13, YT1, YCH15, ZRLK07, ZMB11, ZF03, ZHS+05, ZRL+08, ZTF+18, ZKU+04, Zit13, ZNI+14]. UV [HDC07, PTH+17, Tar16]. UV-maps [Tar16].


Variance [MCS+17, PSC+15, SK13]. Variance-minimizing [MCS+17].

variant [BSD09, WTL+06a, ZZV+03]. variates [RJN16]. Variation [MGD+15, LBKJ09, MLH+09, XYXJ12].

Variational [ACS-YD05, BCWG09, CSADO4, FSK04, LBB17a, Sar00, SC18b, ZZWC12, BB07, DK09, KS98, LMH+15, MMTD07, WP10, YI17]. Variations [BS90, BS13, BL15, DMIF15, GBLM16, HOM15, ZHG+16]. varied [HRE+08, SJS+14].

varioc [ALK+13]. various [SHU+16].

Vavir [SMG+05]. Varying [Fol87, ALX+14, AXZ+15, BJ10a, BHR13, BB17, BKCO16, BATU18, DRvp15, DWP+10, DTPG12, DCP+14, GTR+06, HED05, HMP+08, MAG+09, TDS16, WRG+09, XDPT16, XZ+17].

Vax [Lev84]. VDB [Mus13]. VDP [MKRH11]. Vector [AOCBC15, BSEH18, CM38, DRvdP14, DRvdP15, LTDD16, SWWW15, WZYG10, ZMT06, vFTS06, BKKL15, BBG12, EB+06, EPD09, FSH11a, FSDH07, GLdFN14, Gol55b, LMPB+15, NH09, OBW+08, TLHD03, WWT+06, WZG11, ZJL14].

vectorial [BBG12]. vectorization [MLD+05].


veneration [RFL+05]. Verbal [CZL+14].

verge [TDM+14]. Versatile [AIA+12, AAT13, HNB+06, TKTS11].
versus [LD06, LDS02]. vertex [GKDS12, Man86, SB07, YWH13].

Vertices [YCP16, BDD11, LKZ010].

vertices-based [BDD11]. Very [JGC+15].

Via [Pra89, AMZ99, AAPS16, AAPS17, ALX+14, ARS14, BPK+13, BHR13, BVS16, CPS13, DGHM93, ED04, Fat07, FCW+17, GZC13, HS13, HCS13, HvK+16, HSS+13, HCS15, HX515, XMX+18, IYY14, JBM+17, JW15, JKT+15, KEE13, KYS+15, KSS06, KJDL09, KTL+04, KLP+18, LMLH07, LQ+15, LYS18, LCOR+07, LSVM15, MDK+16, MGA+17, MIB15, OBS04, PCLC16, RBV+04, SG12, SHE13, SPSS+17, SVK+11, SOHK16, SLMR14, TLG17a, TGL17b, TBW03, THW+14, WLY+14, WLY+16, WLT16, WTBS07b, XZ+14, XLXJ11, XYYX12, XCS+14, ZXJ+13, ZY+17. vibrating [BF12].

vibration [JPB06].

Video [AČMS10, BDKG15, BS+08, BGSF10, BBe88, BM05, BNTS07, CWW12, CAC+02, DSY+11, FJS+14, GZC+16, GF12, HSH18, JSSH15, LSS05, LXC+15, PCSS06, RKS+14, ST04, SBSH18, SGM+10, VSHJ12, WCSC04, WMZ+13, XLS+11, XZ+18, AZP+05, AXR09, AGB+16, ASC+14, BWSS09, BAAR12, BBP+10, BM07, BLA+12, BSHK04, BZC10, BSSP13, BST+14, BTS+15, CTMS03, CCS+15, CM10, CSRP10, CWTV17, DRW+14, DCD15, FZL+15, FL11, FAC11, FF11, GVWT13, GZW+16, GO11, GCCS06, GWX+03, GB08b, HKAK16, IBP15, JLF+09, JMA06, KSB+13, KUWS03, KGT+18, KWB+15, KMDW17, Kop16, KLH09, KPB+12, KSE+03, LDTA17, LDS+11, LHJ13b, LYG15, LFH15, LGJA09, LGW+11, LTYS13, LWC14, MKMS04, MEMS06, MCE+17, MMP+05, MZRT16, PCHF18, RAKRF08, RTS+07, RSA08, SRRB+17, SLJTO8, SMPR07, TKT11, TKT12, Van06, WRDF13, WBC+05, WFS+09, WLSL10, WHSL11, WZK+17, WC10, WOG06].


Videoscapes [TKKT12]. VideoNavigating [WSZ+14]. VideoTrace [vdHD+07]. View [Gla90, PLY90, WBF+17a, WWT+03, YPA+18, CWW+12, DSAF+13, DFL+15, DDD+14, FZBR16, GAF+10, HMM15, HK15, KWR16, Kon16, KYC+17, LACS08, LAGP+09, MDR+17, NZ+11, ODA05, PZ17, SHL+17, VBK05, VBMP08, VPB+09b, WBF+17b, WHL+13, XLS+11, XLX+16, ZCW+17, ZF+18, ZKU+04, dAST+08]. View-dependent [WWT+03]. view-enhanced [DFL+15].

viewer [NYY04]. viewers [SLV+13].

viewfinder [BPK+13]. viewing [FKN17, KUDC07, KNC+08]. viewpoint [AAC+06, CTMS03, CCS+15, SLF+11, TFK+03]. views [HMC11, WOQS05].

Virtual [ACP+01, HKW109, HC86, NNDJ12, TZZ+18, WBF+17a, WBF+17b, ALY08, AGB+16, BM05, DKL+10, EVC+15, EAPL06, HMO12, HRZ+13, KDMW17, KKB+11, KOOP11, LSL+18, LCL06, LNWB03, MKG17, MB12, MIW10, MBF04, PSK+16, SMG+05, SRRB+17, SSC10, SBK11, SW16, SP+18, TGD04].

VirtualStudio2Go [GB08b]. viscoelastic [BGFA01, GB04, WT08]. viscoplastic [BWHT07]. viscosity [LBB17a, PICT15].

viscous [BUAG12, BAV+10, LBB17a].

vismac [ELSF16]. Visemenet [ZXL+18].

Visibility [ASL+17, SS00, WIL92, BGAM12, BW+09, DSSD07, DD02a, DD09, DD02, EPD09].
GBAM11, HJ11a, KTB07, LSCO03, MKRH11, MGT+03, RAMN12, WWZ+06.
VisionWand [CB04]. Visual [CXW+05, DA18, JGC+15, LYY+17, MGDA+15, RFWB07, SBLD15, VMKK00, WK5, YPG+14, ARS14, BB15, DRW+14, DK99, DMHG13, DDD+14, EML+18, GSCO12, HWBR14, KSS17, LW08, MKRH11, MWH+09, ODGK03, POAR12, PCL16, SCS+08, SMHW16, SMGE11, WWS+05, YPB16, YCL+17, ZLE14].
VolCCD [TMY+11]. Volume [AF+10, ISF07, Lev90, LORL07, LEQ+07, Mal93, Tar16, AAM03, BTFN+08, BKR+05, DWW+18, GZB+13, HJJ11b, JTSW17, KLL+07, MCSA15, McCOO, ODAO15, TMY+11, WBS07, WFP12].
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