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Title word cross-reference

2 [AWL+19, BKL16, BHR13, BSW02, BSM+07, DBB+17, EPD09, GIZ09, HGRT04, Hilt07, HK07, JSKJ12, KFCO+07, LT09, LPL+17, LHVT17a, LHVT17b, Mai92, NG18, RMD12, SLV+13, Shm92, XCS+14].
2.5 [RID10]. 3
[AJS20, AKZ+17, AL13, ALX+14, AXZ+15, AZB09, AAR05, AIH+08, ARS14, BVF+17a, BIP01, BP07, BSS+11, BSK+16, BBN+12, BVG11, BKG+13, BWSS12, BVS16, Bly06, BSM+07, BR07, BAU15, BATU18, CCA+12, CB04, CWLZ13, CMZP14, CK10, CGK11, CGF09, CSPF12, CZS+13, CLD+13, CZL+15b, CRIW15, CLF+18, DNZ+17b, DNZ+17a, DS15, DTP15, DLSCS08, DSAF+13, DIP+18, DHL14, DDP02, DSC+20, ESDK16, EBGB14, EDF+16, EST+20, EPD09, ESZ+17, ERP+19, EM96, FZBR16, FJL+16, FH10, FRS+12, FSL+15, FMK+03, GDAB+17a, GDAB+17b, GZW+16, GZC+16, GIZ09, GM05, GF08, GGS03, GTDS10, GKH212, GWN+03, GWD05, GHL+20, GFD+12, GRT13, GZC15, HGRT04, HGY17, HASK17, HK18a, HNH19, HLR09, HLZ10, HDK07, HMC11, HLV+17a, HLV+17b, HTWB11, HCTW11, HMT+15, H冈17, Had92, HOM15, IBP15, IC17, JTR12, JBM+17, JLF+09, JBX+20].
3 [JZH07, KMM+02, KHS10, K06, KSH+14, KDM+16, KDR+16, KDW+17, KSES14, KMYG12, KLM+12, KRD+12, KLM+13, KLKL13, KTL+04, KDMW17, KSS+15,
KS04b, KYC+17, LMS13, LHW+10, LRAT08, 
LHKR10, LCXS09, LOMI11, LRA+07, 
LACS08, LSH+10, LYG+13, LYG+20, 
LHM+18, LCOZ+11, LVC18, LOW18, LFZ18, 
LGJA09, LWCT14, LHFL15, LKG+03b, 
LFL09, LvBK+10, LSZ+14, LBRM12, 
MLZ+16, MPF+18, MHS+19a, MLYZ19, 
MWH+13, MP+18, MSIS06, MPN+02, 
MP04, MAN+16, MTN+15, MSS+17, 
MGP10, MGP06, MYW15, MLS+18, 
NLGK18, NAH+18, NISA07, NDRD05, 
NZIS13, OHB+11, OLGM11, ONIO04, Par17, 
PQP+19, PMW+08, PK05, PXW18, PZ17, 
PRM14, PS04, PFB+20, PSG+06, PWLSH13, 
RSL16, RSI+08, RDI10, RHLH102, RMBB+13, 
SS14, SHM+18, SCH+14, SLV+13, SSGS11, 
SKSK09, SBR+15, SBL+17, SHZ+20, 
SAA+21, SF07, SGXT20, SSS+08, 
SARBW+15, SSS06, SDW+16, SYB+12, 
SQRH+16, SRB+19, SSSK+17, TD16). 3 
[TDM11, TMB18, TS08, TTZ+20, TFK+03, 
TMB14, UTB+19, VVC+15, VSHJ12, 
WBF+17a, WBF+17b, WAO+09, WWY+13, 
WGW+13, WSXC16, WLG+17, WSLT18, 
WSH+18, WLX+18, WKA18, WMB+20, 
WXLY17, WLRH11, WDB+07, WSV+12, 
WZQ+18, WWL+19, WZL+20, XLF+11, 
XIA+17, XZT+09, XZD+11, XZCOC12, 
XCP+13, XCP+13, XCS+14, XSZ+16, YI17, YSL+14, 
YSC+16, YLJ18, YWS+11, YLC+20, 
YKC+16, YXZ+18, YSHWH16, ZLP+15, 
ZAC+17, ZWK14, ZSW+10, ZBW+20, 
ZSMS14, ZK14, ZZCJ13, ZPKG02]. 360° 
[Kop16, LLZ18]. 4 [Che13, DKD+16, 
HTCH15, IGP+17, LHI+09, LBB+17, 
MHS+19a, MPDWO3, PS04, PMPHB17, 
RAWV08, TDL+18, YMRD15, Zho18]. 5 
[BSS+13, OHX+14]. 6 [HMT+15]. 2 [LZ04]. 
° [JMY+07, BYLR20, CLJ+20, KC19, 
TWLT19]. ™ [SMG+05]. C² 
[MP09c, Pet89, SW05, Yu20]. C0 [JAM20]. 
d [EPM+14]. 6 [ASGC010]. f [LWO19]. G² 
[LFS16, Sar00]. C⁸ [PU06]. γ [CXW+05]. K 
[FLHC010, TS12, Tsa15, EPM+14, LWO19, 
MSDL17, YSW+17]. L₀ [HS13, XLJ11]. L₁ 
[BHY15, HWCO+13, PMA+14, HJS+14, 
WYL+14]. L_p [LL10]. N 
[RVLL08, RS14b, Ten20, BSEH18]. p 
[GA20]. Q [LH17a, LH17b]. r [DS92]. R³ 
[Sar00]. s [SR00]. S(3, R) [CGM11]. T 
[MPKZ10]. v [XH18]. 

*Cages [GPCP13].

- analysis [WYL+14]. -axis [ERP+19]. 
- Based [HJS+14]. -Clustered 
[TS15, TS12]. -curves [YWS+17]. -D 
[BR07, Hil87, Mai92, Shn92], -dimensional 
[EPM+14, Ten20]. -direction [PS04]. -DOF 
[HMT+15]. -grooves [XH18]. -Learning 
[LH17a, LH17b]. -medial [HWCO+13]. 
-meshes [MPKZ10]. -nearest [MSDL17]. 
-power [SR00]. -set [FLHC010]. -Sets 
[DS92]. -Sparse [ASGC010]. -Sweep 
[CZS+13]. -Symmetry 
[BSEH18, RS14b, RVLL08]. -ton [CXW+05]. 
-Willmore [GA20].

2 [MKRH11]. 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]. 
absorbent [CT05]. Absorption [BBS14a]. 
Abstract [KK91, YL10]. abstracted 
[LMLH07]. Abstraction 
[ACP+01, MZL+09, BSM+13, DS02, FLB17, 
LYC18, LFZ18, NSX+11, WOG06, YK12].

Accommodation [KPM+17, KLF+17, CLS+17, MWH+13]. Accommodation-invariant [KPM+17]. account [CLC96], accuracy [CKH18, LDS02, SHD+18]. Accurate [BOFN18, GM09, GGHS03, MSHS06, SBN15, SSR20, Ste20, VJ19, WZC12, WZYR19, ZBG19, BB07, BHK14, Dee05, DDP99, HLM19, JPB06, LBB17a, LD14, LKYU12, MLT17, MG03, VMTF09, XSTN14, YJTR15]. Achieving [JLF+09]. achromatic [Fre16].

Acquisition [Bou18, KMYG12, NGD+06, TDG18, TFG+13, DW+08, OEE+18]. Acquisition [Dil18, HED05, HHA+10, TG17b, BGK16, BJK18, BT06, DJ18b, GHP+08, GGHS03, DLL+04, GRB+18, GTR+06, HLZ10, HCTW11, LLW+08, MP04, NLW+16, NLGK18, NJR15, PCK+08, RHHL02, SWTC14, TG17a, XSZ+16, XNY+16, ZCD+16, ZRL+09]. acting [DYP03]. Action [ACCO05, MLZ+16, DWT+02, GCR13, SCH+14].


Actor [LXZ+19]. actors [CTMS03, WSVT13]. Actuated [KMM17b, Ano03, GMB17, KMM17c, LPLL19, STC+13]. actuation [Ano03, JWDL19]. actuators [WHDK12]. Acuity [MGDA+15]. Adaptation [SP05, DE05, HKT10, VMGM15]. adaptations [HGRT04]. adapted [Sze06]. adapting [PSK+12, YCBvdP08]. Adaptive [BMW+09, BO04, BF08, BDW13, CGG+04, CBK20, EC96, FCW+17, FCLS07, GO12, HWRH13, HIL87, HWH+16, HWZ+20, JLS+03, KDD13a, KTS+14, KYS+15, MCY14, MGVY15, MMMG16, MNV+21, NSO12, ODR09, PNdJO14, RGL05, RKZ11, RKZ12, Sah18, SFH11, SW18, WFP12, WSLT18, WK21, AGL+17, ANHD17, ATW13, AB20, BAML3, BLDA11, BFK16, CYFW14, CTH+14, DJ18b, EB14, FFB+09, GTJS17, GWABI9, GKS02, HJW+08, HJ11a, HTC+14, HGF14, KJ10, KSP13, LHMR10, LW08, LDN+18, MDK08, MB12, NNC+20, NPO13, NLMD12, P08, PBvdP16, SABS14, THKM13, VdfG99, VDK18, VK19, WPC+14, WFDH18, eWP10, XCW+20, YI17, YW13, YC+10, YSC+18, ZFSK+18, ZD20].

Adaptively [APKG07], adaptivity [TMDK15, WHK17, ZLB16a]. add [MRK+13, GHZ+20]. add-on [MRK+13].

Adding [DKD+17a, Hud92, DKD+17b, SKC+14].

advection-reflection [ZNT18].
Adversarial
[SSII18a, GDG +17, WAH +10, ZSB +18].
Aerial [HNBH19, Liu18, OKH +16, SMGH18, NOP +18, ZKH +20]. Aerobatics [WPL18]. aerodynamic [DYN03, UB18].
Aerodynamics [XIM18, MUB15]. Aerophones [AR15], aesthetically
[GSH18]. Aether [ALLD17], affect
[HCOB10]. Affine
[BT19, SR09, GAB20, HSS +15, RV11].
affinity [XLJ +09], affinity-based [XLI +09]. after [HXM +13]. against [Wan14]. Agent
[SGD21, BDM +20, LSCC20].
agglomeration [GJTP17]. Aggregate
[NGCL09, CHPR07, GdBl +12]. aggregates [RBF08]. aggregation
[TJM15]. Agnostic
[HFW +19, AWL +19].
Aid
[BH91, ZMH +19]. AI
[BDM +20].
Aided
[BG89b, G84, G85a, SMPZ15].
AIM [Ano10]. Air
[MCKM15, CFW13, LSCS14, SPGI13]. Airbrush
[SMPZ15]. AIREAL [SPG13]. airplanes [UKSI14]. Airy
[MIB15]. Alain
[FP00]. Albedo
[GXY +17a, DDT15, GXY +17b, HR13].
algebra [G85b, KW03, MDP +04]. Algebraic
[ACC90, BI92, BW93, Bli82, CCST05, GM84, GG07, MD94, PB82, PP93, AB89, BWSK12, Gol02, LT09, LB06, WR89].
Algebras [Duf17a, Duf17b]. Algorithm
[CG89, Day90, E09, HA92, KM97, LMR83, LM97, Mey91, PB17a, PF89, Sah18, Sai89, SG82, SO92, W85, Zyd88, AAM03, BCRK +10, BSFG09, CS00, EKAS4, EPD09, GI04, GMP09, GD04, LFZ10, MMT18, MBF04, MPB17b, RSH05b, SYB06, SOA11, SSBOD3, XW09, XCM +14, YXH14]. Algorithms
[Bak94, CMS95, CLS85, DGHM93, Dua83, EM90, Jan91, Kha91b, Kro82, MD94, MST89, RV89, VN85, EKA84, HDN +16, KW03, LJGH11, RKAP +12, Spr82, WDB +08]. alias
[SOA11]. alias-free [SOA11]. Aliasing
[Tur82, BAM13, HS13]. Aligned
[MLS +18, ZVC +20, CPMS14, GDC15, HTWB11, JTPSH15, MWR12, MWRD13, MYRD14, MPKZ10, MPZ14, PLS +15, STJ +17, TPP +11, XCO +09]. ALIGNet
[HFW +19]. Alignment
[HFW +19, HXM +18, LHJ +14, ARS14, BR07, CWTW17, FZZ +20, HZM +08, SPK16, SR +15, WGP +10, WSH19, XLY09, YSW +20, ZLE14, BZL +17]. alive
[CMT +12, HLYK08, LBB02].
All-frequency
[NRH03, TS06, WTL05, WTL06b, WRG +09, ADM +08, NRH04, XCM +14]. All-hex
[FXBH16, LLX +12]. all-pairs [AP08]. along
[WSH19]. Alpha
[EM94]. alternative
[HGRT04, LD06]. Ambient
[GAF +10, ZRM18]. amendment
[TBTS08]. Ames
[STXJ15]. AMFS
[CH +14]. among
[SG +06, WWOH08]. amorphous
[ZYL +20]. Amortized
[YNS +09]. Amplification
[PGP +19]. analog
[HSHF10]. analogies [WWH06]. analogue
[S97]. analogy
[LY +17].
Analysis
[BBS14a, CM83, DKL +17a, EC93, KP92, Kla91b, LLZM10, LTDD16, LDW97, Mai92, MOR +18, OG12, SPV +16, VF +14, WBCS19, WMP +06, WU92, YKGA17a, YZ +18, ZXTZ15, BHR13, BBB +14, BWW10, CCST05, DHS +05, DKL +17b, ETH +09, EHD +11, FKY08, FV96, GF08, HXZ +20, HSTP11, HRV97, HrKW +16, HSS +13, HWK15, HHA +10, JSKJ12, KSHG18, hKPS03, KCGF14, LSD +16, LHH +09, LLH04, MC12, OK10, OHX +14, Par +17, PSC +15, PCFH18, RM07, ST14, SJ17, SK13, TOS +03, WavK +12, GWM +13, WYL +14, WL +17, WW11, XHS +15, YKGA17b, ZTS09, ZN06, ZXJ +13, ZPZ13, vKX +13]. analysis/synthesis
[TOS +03].
Analytic
[CaS91, NL13, SKSK09, SDK19, WR18, BLPW14, HW12, SRN05, SJP18, WAK20].
[Che13, SHH99, HWG14, KGFF14]. anatomical [KIL+16]. anatomically [DZS08, SZK15, WGB16]. anatomically-based [SZK15]. anatomically-constrained [WGB16]. Anatomy [AHLG+13, WMB21]. anchor [BCH+11]. Anderson [PDZ+18]. angle [CAA09, PRP+15, SLMB05, SLL19]. TAV+10]. angle-based [PRP+15]. angles [LS07]. angular [KZP+13]. animal [WP09a, XWL+08]. animals [WPP14]. animatable [SGdA+10]. Animated [FZLM11, TGB16, VJK+17, BCC17, CS09, HRvdP04, LCR+02, MBB12, MA06, NSB13, OHR14, SN17, SS17, SDO+04, TLJP18, WIK+06, WG09]. Animating [BDWR12, CJ11, CGZ+05, CTTL15, EB08, FOA03, FOK05, GPH+18, KA08, MWTK13, SRH+15, StTSH14, SJM17, XKK+06, XWL+08, YL08, ZB05, BAAR12, BWHT07, BBS+13, CMT04, CLQW08, GBO04, LJJ16, PH06, PTG12, PNDN12, SB12, TMB14, WCF07, WCL+20]. Animation [AJZ20, BC14, EMF02, EHSN20, EAPL06, HTCH15, JW15, MCG06, RPC+10, SDN18, TBW+12, AWL+20, AHSS04, ASK+05, BKL16, BP07, BISP09, BJ+08, BCK+13, BW13, BFA02, CTFP05, CWLZ13, CHZ14, CW+16, CH05, CB05, CS19, Cor18, DRRVdP15, DYP03, DBB+17, DSC+20, Er07, EGP02, FL04, FYK10, GSZ+18, GB13, GP+16, GRC15, HYL12, HDK07, IKKP17, IWZL09, JTCW07, JGGN15, KIL+16, KAL+17, KSKL14, KPMP+17, KGP+16, KFCO06, KCD09, LJ14, LLL18, LYYB13, LWL17, LXC+15, MCC09, MCP+09, NZC+18, NSCO8, NKAS08, NFF02, OBH02, OLS16, PAK+05, PB02, RP03, RP07, SHW19, SSK+11, SY05, SKSY08, SKM10, SKP08, TKY+17, TLP07, VBM08, WP06, WAH+10, WDAC06, WHRO10, WSXC16, WQLJ18, WSS+19, WBLP11, WSL13, WFL+19, YL10, YRPF09, YCZ11, YGM97, ZSCS04, ZM13, ZXL+18, ZHS+20, ZPBC19, ZMCF05, ZBBB18, dSDP09]. Animations [PM18, DLKS18, FJS+17, GSKJ03, HOKP16, JT05, JFA+15, KG06, LP02, LMY+13, ODGK03, cWP03, XWSY15, YKH04]. animator [ELFS16, ZXL+18]. animator-centric [ELFS16, ZXL+18]. AniMesh [JGGN15]. AnisoMPM [WCL+20]. Anisotropic [ACSD+03, BOK3, BSTY15, FLSG14, GZD08, JGT17, KDI19, LWSF10, LLR+15, McC99, Ste20, XSD+13, CK11, FZZ+20, JAM+10, NSO12, PPTSH14, PLMR17, PTC+10, PH15a, SJ17, TOH08, WZT+08b, WCL+20, XLZ+10, YT13, ZJ18, ZHLB10, ZWDR16, ZGW+13]. anisotropy [BLdG+16, KRF04]. annealed [YYW+12a]. annealing [DH96]. annotated [BUSB13, LCL06]. annotation [YKC+16]. annotations [AFO03, GIZ09, TFK+03]. Anti [TUR82, BAMB13]. Anti-Aliasing [TUR82, BAMB13]. Antialiased [KLA91a, DHI+13]. Antialiasing [BYRN17a, BYRN17b, YSLH11, CS00, GT96]. antiradiance [DSDD07]. Any [GRH+12, GZ05, MYWI15]. Aperture [PC82, BCN08, GSDM07, GWGB10, LFDF07, LCV+04, LLW+08, VRA+07]. Apparent [DER+10, IM10, JDA07]. Appeal [WZC+20]. Appearance [CBKM15, DBP+15, DCP+14b, DWMG15, HX+18, KSZ+15, LH06a, SPSH14, TWZ20, VADWG15, VPB+18, WTL+06a, AYL+12, AP08, ATDP11, BUSB13, DCP+14a, GGN18, GZX+13, GRB+18, GTR+06, JFA+15, JSB+10, KWN+17, KRK11, KBC+13, KFB06, LMS+19, LEN09, LDPT13, LGK+03a, LDPT17, LSSS18, MWAM05, MLDL15, MGZJ20, ODAO15, PL07, PLMR17, RPK+12, SBdDJ13, SGM+16, SLS+16, TDG18, WM14.
WZYR19, XMR+½, ZJMB11, ZJMB12. appearance-driven [PL07]. Appearance-from-motion [DCP+14b]. Appearance-mimicking [SPSH14]. Appearance-preserving [TWZ20]. Appearance-space [LH06a, AP08, ATDP11]. AppGen [DTPG11]. AppIm [DCP14a]. Application [BLDA11, CA00, DRC+15, RO85, RO87, AG05, BA83]. Applications [APH+14, BIP01, OF01, SR00, YSHW06, ACMS10, BZL+15, CH89, DRE+12, DRE96, Fat09a, GKH12, Gue07, HSGL11, JSKJ12, KDR+16, LWA+12, LL10, MMCK14, MASS15, SMG+20, XLC+16, YGL+14]. applied [BLR+11, SABS14]. AppProp [AP08]. Appreciation [Fiu00]. Approach [AOCBC15, Bar86, Cas91, DRE+17a, EM96, FH97, GM84, MC92, MGDA+15, PPV95, SLGS01, Shn92, SHS+18, BLR+11, CWW13b, CDM02, DWT02, DK09, DIO+12, DKD+17b, DSC+20, FLR16, GSCMO09, GD04, HZW12, HLHZ08, HZG+12, HWJ+15, KBS15, KZ11, LdPS84, MM06, Mor11, MMTD07, NXS12, NO13, OPD010, RPE+05, Sha03, SXZ+12, SHS+17, SFWG04, TZZT20, TKY+17, TWGT10, VBCG10, VdFG99, WMFT09, WFA+05, WWZ+09, Wan15, WWB+19, WG92, WMW15, Wym05, XRLF15, ZCLJ20, ZCW+17, ZRL+09]. Approaches [Mili87, FH04b]. Approximate [DYYT17, HLZCO14, LW15, Mcl83, NFD07, TLJP18, VF0K+14, AFO05, KČŽO08, MS04, MGP06, MCK13, SSK+05b, TL04, Wym05]. approximately [CZM+10]. Approximating [Hub96, LS08, LSNCO9, GI04, LYL08, SOS04]. Approximation [BIW93, LFI15, TGBE16, Tsa15, BO04, CB17, CPWAP08, CH89, CASD04, FD17, IRHSH20, MCSA15, NRH03, PZM13, SSR20, TGB13, TS06, TS12, WWS+05, WYY+14, WDB+08, YLJ18, ZYWK08]. Approximations [DLTW90, Tan94, BODO18, HW16, KFB10]. AppWand [PL07]. AppWarp [ATDP11]. Arbitrarily [HA92, KG06]. Arbitrary [CSZZ20, EPO09, LDW97, S00, SC93, AFC+10, BVG11, BW13, GD02, GLD+19, GH98, GHZ18, HF06, POC05, Sta03, TRL+12, WL14, WPGM16, 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 [CFS+18, FHL+18, Lev84, NKK+14, Wes88, YIO+15, AMS03, ASF+13, CTM13, DN02, DHH+11, JT09, KKS18, LCOZ+11, LWW08, PLW+07, SM15, ACS+08, WFH+07, WSSR03]. Architecture-scale [YIO+15]. Architectures [HMLB16, LSA05, LSH+10]. Arcimboldo [HZZ11]. Arcimboldo-like [HZZ11]. arclength [KSH+16]. Arcs [FH93]. Area [NMLH14, BLD20, HJ11b, NMLH11, WR18]. Arithmetic [KLN91, CLSA20, FV96, HSS98]. Arnold [GIF+18, KCSG18]. arrangement [WLY20, YYT+11]. Arrangements [JTMW20, LHVT17a, CLSA20, FRS+12, LHVT17b, MMBM15, SMZ+14, ZGJ16]. array [HSHF10, VLD+13]. Arrays [GPHSH19, JMA06, LKK+16, SMH+11, WJV+05]. art [HHC18, KYYL08, KL11, LHE+07, LEN09, LCL+17, LZF+19, MP09b, XZW10, YNS19]. arterial [LLZM10]. Articulated [ACP02, AFD+95, TGT11, TTT+17, VBMP08, ZB94, BBJP12, CCA+12, CZ11, CBL+16, JLL11b, RGL05, TK14, TOK14, WWB+19, XZK+20, YHL+18, ZRL+07]. articulation [JPG+14, JMD+07, KS12]. artifacts [ARNL05, CHM+12, GRBN09]. artificial [PTSG09]. Artist [BKLP16, BMS88, SK+11, LRS18, SPJT10]. Artist-directed [BKLP16]. artist-intended [LRS18]. Artistic
[BBG]+13, CWW+16, LCR+02, NSX+18, SQRh+16]. **AverageExplorer** [ZLE14].

**Averages** [BF01, PBDSH13]. **avoidance** [KOOP11]. **avoiding** [Fat09a]. **Aware** [MJG18, TZZ+18, ALL+20, AMG+19, AFTCO07, AS07, BWSK11, CAO09, CAD19, CPD07, CLMK17, DAD+18, DLSCS08, DRE+12, EMU15, ESZ+17, FFL10, FSGF16, GO11, HPSZ11, HK18b, HWG+13, KE18, KH10, KRK11, KP18, LSD+16, LLZ18, LYC18, LWCT14, LWH15, LFJG17, LXS+18, LGG+07, LSC+12, LLR13, MLPP09, NID20, OHHD18, PQW+08, PHK11, PGZ+19, PLR+16, PLKD18, RvBB+03, RNd+07, RAWV08, RVAL09, SLS+07, SRB+19, TSL+16, TFK+03, TAKW+19, WFS+09, WLP16, WTW+19, XWT+09, YWS+11, ZAC+17, ZMB12, ZQCL19, ZQPM12, ZHS+20]. **axes** [YSC+16, YLI18]. **Axial** [PVY90, TAV+10].

**Axial-cones** [TAV+10]. **Axis** [CCW93, LLF+20, LWS+15, MWR12, MWR13, MLS+18, BO04, DWW+18, ERP+19, FZZ+20, MYRD14, MG010]. **Axis-Aligned** [MLS+18, MWR12, MWR1D3, MYRD14]. **Azimuthal** [KM17].

**B** [BS88, BS90, CG89, FW12, Pra89, RLU95, WPL06]. **B-Spline** [BS88, BS90, RLU95, CG89, WPL06]. **B-Splines** [Pra89, FW12]. **Back** [Fol91].

**background** [ZWZ+16, ZYQ+14].

**backlighting** [WLHR12]. **Backward** [MEMS06, TJ08]. **badly** [SBHH16]. **balance** [BBPD12, HMP+08, MZS09, TZCT20].

**balancing** [PWLSH13]. **Ball** [Sai89].

**ballistic** [RP03, SP05]. **Band** [BBPA15, HC04, LHZ+18]. **Band-Sifting** [BBPA15]. **bandelets** [PM05]. **Bar** [Ols92].

**barcodes** [MLYZ19]. **barriers** [LHKR10].

**bartercentric** [BPC16, BLDT16, ZDL+14].

**Bas** [SKC+14, WDB+07]. **Bas-relief** [SKC+14, WDB+07]. **Base** [War92, GDC15, LV+13]. **base-complex** [GDC15, LV+13]. **baseball** [TAY+04].

**Based** [AASP17b, APF+95, BD86, BVF17b, BBPA15, DFM88, ER18, GNM15, HWZ+14, HZ86, HZ+19, HJS+14, KM97, LZX19, LY16, LH17a, LSSW19, MCY14, ST16, SLGS01, SS00, WHHY20, Wes88, YYL+19, YIC+14, AHJS04, AdV16, AASP17a, AVF17, AVB08, ATW+17, AG05, AS+13, AAM03, BLDP21, BBPP10, BP08, BDD11, BC02, BBG+13, BSHK04, BKR17, BSPP13, BJ+12, BNB13, BD02b, BLdG+16, CWW+16, CH07, CBF+15, CKGK11, CDSDH13, CNX+08, CKW15, CWW12, CBL+16, CGZ08, CT17, CMT13, CBvD09, CWW13b, DBG14, DBS+12, DJ17, DS15, DCF14a, DRYN03, DLYN08, DDTP15, DFL+15, DCOY03, DYY16, DBB+17, DLF18, EK18, EVC+15, EHSN20, ERL07, FCA09, FJL+16, FJS+17, FH10, FRS+12, FH04b, FTZ+19, FK17, GCP13, GZ05, Gvdpv1213, GP+18, GGG+13, GB13, GLA+19, GFBP11, GZ08, DJ18a, GMP09, GBC+13, GMHP04, GDG+17].

**based** [GBK05, GS04, HMS05, HR05, HW16, HGY17, HLW+18, HTG14, HCL+18, HTER04, HRDB16, HPP+18, HLR+17, HMG03, HHC+19, HZW+13, HESL11, IKK17, IW1L09, JLS+03, JY10, JL11a, JZ+15, JRPW20, JMD+17, JW+14, JTSB16, JZdp+08, KIL+16, KSB+13, KW16, KJM10, KCKK12, KRFB06, KTY09, hKPS03, KLM+13, KO11, KBW+15, KNC+08, KLS+13, KEBK05, LWA+12, LK02, LDPS84, Lee05, LAD08, LKG+03a, LWP10, LW12C, LW17, LPL+18, LLX+01, LWO19, LHP05, LYvdp+10, LCL+17, LHI7b, LCT19, LSF12, LFB+13, MM13, MHH+09, MS05, MTGG11, MPN+02, MS11, MLH+09, MRA+13, MWR13, MBT+15, MS04, MWH+09, MGZ20, MdLH10, MRC05, MHTG05, MZWW07, NSAC05, NKAS08, NFD07, NFJ02, ODGK03, OPOD10, ÖG12, ÖG15, PRP+15,
Biomechanical biomechanics
bipedal
Biomechanical [WZB17, biomimetic NC18, biped [CLS03, CNvdP10, LKl10, LLK15, SKL07, VSHJ12, YLVdP07],

bird [cWP03]. Birefrigency [WW08]. Bisector [EK98, ZWK14]. bispectral [HHA10].

bitmap [GS82, PK83]. black [LWC18, TYY19]. black-and-white [LYC18]. black-box [TYY19].

blackboard [SBLD15]. blackboard-style [SBLD15]. blend [GBC13, LD13].

Blended [KLF11, ZBK18]. Blending [FL89, RWT14, ROC89, WAR89, ALX14, ATW17, HPP18, KCZ08, NSS19].


Block [MLS18, YNW16]. Blocking [SLS16]. Blocks [LW15, CLF18, LCL06]. Blockwise [KIM19].

Blossoming [DGHM93]. Blue [Fat11, HSD13, JZW15, MEA18, QC1C17b, dGBD12, APC16, AW20, CGV13, GWN03, KTBV16, KCD06, LWS10, OD10, QHC17a, SLS16, SZG13, WEI10]. blue-c [GWN03].

Blue-Noise [MEA18, Fat11, AW20, SZG13]. Blur [VMCS15, AXR09, BHR13, BSS13, ETH09, HCOB10, HQL10, LES10, LSR18]. blurred [YSQ07]. blurred/noisy [YSQ07]. Bodies [BC14, CMTO4, CFW13, DDB17, GB03, HRZ13, IGL06, JTSB16, KEPO5, LHLK10, PMS12, RGL05, RTB17, SZK15, WMW15, ZFL10].


Boom [TFK03]. Boosting [DMB14]. bootstrapping [DWT10].

Botanical [WZB17, WLX18, IOI05, PSK12, PJH17]. Bounce [WSJP17, MDK16].

Boundaries [BG18, BH16, KGB19, LFB13, LCBK19, SS15, WZHB09, WZ14].

boundary [DS09, HTW11, RS08, RV89, SC18A, SVG17, SVB17b, SGWJ18, SJWG20, DF89, HW15, HW16, HDS18, IKCM13, PTSG09, SKM10, SS17, WAK06, ZBL16b].

Bounded-error [BDT99].

Bounding [CB17, CGM11, SHH99, VAZH09, WBS07].

Bounds [CCK92, LAKL11]. Box [HHX18, LVS18, CGM11, JBL18, SRL15, TYY19].

Boxelization [ZSMS14]. boxes [SHH09, ZSMS14].

braided [HML14]. Branching [GBJ18].

BRDF [BAOR06, BAERD08, CGP06, JTSB16, KEP05, LHLK10, PMS12, RGL05, RTB17, SZK15, WMW15, ZFL10].

BRDFs [BSN16, BLPW14, LGX13, SZC07, SJR18, XCM14].

Break [STXJ15]. Breathing [TMB14]. bridge [MRF06].

Bridging [DHL14]. Bright [JGC15]. Brightness [DG16, WZC20].

Bringing [AECOKC17]. bristle [CKIW15].

brittle [HW15, HW16]. Brook [BF+04].

browsing [KHC10, T07].

Brush [PF89, CTW09, HTER04]. brushes [DJ17].

Brute [GIF18]. Brute-Force [GIF18].

BSFs [GHZ18, HHD16, RBSM19].

BSPG [HZG08]. BSP [GMP09].

BSP-based [GMP09]. BSSRF

[DLR09, SYS17]. bubble
RCF+17, DMB+14, GLA+19, GHZ18, HET+14, HRV+18, JMI2, KBS15, LADL18, McC99, OKH+17, PSC+15, RAMN12, RMGH15, SHHD17, SD12, SWZ96, SJ17. Carry [MTA+20]. cartography [TBW+12]. cartography-intrinsic [TBW+12].

Cartoon [BCV+15, BOD+13, DLMK18, RID10, WADAC06]. cartoons [BLCD07, WWH06]. carving [MAYZ+20, ZZX+18].

Caustic [YIC14, RCLM19].

Causal [AEC15, HASK17, BYL120, DSC+20, HWV+18, TT09, ZMN+19]. casually [BBFP10]. CAT [HRGT04].

Catastrophic [KN06, TAV+10]. catadioptrical [NNY04].

Cascading [HLR+14, WLT16].

Cataracts [JM12, YYL18, GLA+19, GS07].

Cataracts [PPZ+11]. Catch [MTA+20].

catching [MLH+09]. Catmull [DB88, LFS16, LJG14, LS08, MRF06, NLMD12]. Catmull-Rom [DB88].

CATCH [PPZ+11]. Casual [BLC02, VWH06].

Caustic [BLS18, STTP14]. Caustics [YIC+14, GS18, CD16].

CD-MPM [WFL+19].

Cell [AA06, CMSA20, CM11, FGG+17, JSS+15].

Cellular [HSF07]. Center [TFD+18].

Centered [GB08a]. centers [LH16].

Centric [ELSF16, FSL+15, KCGF14, ZXL+18].

Centroidal [XLC+16, KLV20, LCL+09, LXY+16, LL10].

CFL [WLF+20]. CFL-Rate [WLF+20].

Cg [MGAK03].

Chain [JMI2, YYL+19, OKH+17, RCLM19].

Chain-Based [YYL+19]. chaining [XYH+18].

Chains [Gol84, Gol85a].

Challenging [DKD+16]. chameleonic [TFK+03].

Chandeliers [PCK+19]. Change [CM21, BW13, SSS+14, ZPBK17].

Changes [DFW20, HRvdP04, KBC+13, WM14, WTGT10, WRS+12]. changing [MBF04, PH15a].

Channel [HLR+17, WYL+20]. Character [BCV+15, BVF17b, Cor18, EHSN20, HDK07, HTCH15, LZCV20, WAH+10, WZC+20, AWL+19, AVF17, DYP03, GCR13, GRGC15, HYL12, HKT10, HSK16, HKS17, IWZL09, JMG+14, JMD+07, KS12, KHKL09, LLP09, LWB+10, LLL18, LWH+12, LWS02, LP02, MZS+11, MMG06, MG03, PALdp18, RP03, RP07, RTK+15, SH08, SKSY08, SZKZ20, TBvdP04, TLP07, VGB+14, WLO+14, YL10, dSDP09].

Character-agnostic [AWL+19].

Characterization [CSBC+17a, CO19, CSBC+17b, RZK11, SMCT18, SD89].

Characterizations [C97]. characterizes [ZCL18].

Characterizing [FSH11a].

Characters [Lvy16, LH17a, BBJP12, BP07, BBS+13, BVS16, BD1+02, CBL+16, CBvdP09, CYN+13, DE05, EAPL06, HXK+19, JL11a, JK11b, JSMH12, JHS12, KP11b, KLF+14, WLG13, LH17b, LZC+19, TBvdP04].

Charcoal [BMS88].

CHARMS [GKS02].

Charted [Pan17].

Charters [Fol94, Fo195b].

Chебышев [Wan15].

Chromemechanical [HK+20].

Chen [XYH14, WX09]. chi [LLZ+20].

chi-squared [LLZ+20].

Chief [Bea01].

Chinese [XXK+06].

Choices [HFF16].

Cholesky [HLS02, HA18, HSH20].

Chopper [LBMR12].

Chordal [CLJL20].

Chromatography [CSS+17].

Chromatic [CSS+17].

Chromium [HNN+02].

CIELAB [HRV97].

Cinema [EDF+16].

Cinematic [HPB06, PTG02].

Cinematographic [GLC+18].

Cinematography [BRN+20, JWW+20, NMD+17, PWL+05].

Circle [PF89, KSS06]. Circle-Brush
[PF89]. Circles
[McI83, MST89, SHWP09, Bak94]. Circular
[BPH+11]. Circularly [GCP+10].
circulation [DBWG15, ETK+07].
circulation-preserving [DBWG15, ETK+07]. City
[LWL17, XFX+09]. City-scale [LWL17].
Clark
[LFS16, LJJG14, LS08, MRF06, NLMD12].
Class [Rec83, Yk20, PKLI+19, Wei10].
classes [SS10b]. Classification [Jan91, JTMW20, ISS16, Man86, ST14, TTWM14].
classification-driven [ST14]. classifiers [BWSS09]. classify [NXS12]. classify
[NHS+13]. cleanup [SSS16, YVG20].
Clearance [Kal14]. Clebsch [CKPS17].
climbing [NRH17]. clip [LHE+07, LEN09, Mir98]. Clipless
[LAKL11]. clipmaps [LH04]. Clipped
[BXH+18]. Clipping
[ABE+20, LB84, MA192, 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
[LM91, BWSS12, FXBH16, JSW05, vW09].
closed-form [FXBH16]. Closest [KTT13].
closing [SKS120]. Closure [LWH15].
Closure-aware [LWH15].
Cloth
[WWYW21, AJM12, BKW03, BFA02, CF13, CK02, CLMM04, FYK10,
GHP+07, IM12, JGT+17, KM08, KJ10, KGBS11, KKN+13, LWS+18, LDN+18,
LL+20, MTB+13, NSO12, ORC10, RCP+10, SBDJ13, SNW20, TM15,
TWL+18, VMTF09, WOR11, WPLS18, WCF07, ZLB16, LTT+20, TWL+18].
ClothCap [PMPHB17]. Clothing
[HI03, BRB+19, HTO+14, PMPHB17, WHRO10, XUC+14, YKJ12, dASTH10].
clothoids [CBD13]. Cloud
[MSQ+18, Che13, DKNY08, GSC+15, HMP+20, HWCO+13, TZCO09]. Clouds
[WSL+19, BDS+18, DDSD03, DIO+12, GAF+10, HRV+18, HLZ+09, KMM+17a,
LOY+10, WPL06, YHZ+14]. Clustered
[SHHS03, TSa15, TS06, TS12]. Clustering
[CCSS97, KT03, SVK+11]. clusters
[HHN+02]. cluttered [NXS12]. CNN
[CT17, LSQ+15, WLG+17, WSLT18, WSL+19]. CNN-based [CT17]. CNNs
[EKD+17]. Co
[HLV+17a, HLV+17b, YZX+18, YK12, YK14, vKXZ+13, BAS14, HML+16,
KKB+11, SvKK+11, WA+K+12, XCF+13].
Co-abstraction [YK12]. Co-Analysis
[YZX+18, HML+16, WA+K+12].
Co-constrained [YK14]. Co-hierarchical
[vKXZ+13]. co-located [KKB+11].
Co-Locating [HLV+17a, HLV+17b].
co-placement [XC+13].
co-representation [BAS14]. co-retrieval
[XCF+13]. co-segmentation [SVK+11].
Coaching [HL14]. coarse
[EB14, LZF10, RPC+10, SDW+16].
course-to-fine [SDW+16]. coarsening
[CLMK17, CBW+18, CBL20, FCA09,
GAB20, KMOD09, LIO19, TRE10].
coaxial [HL10]. cocktail [EML+18]. code
[HBD+14]. Coded
[GWGB10, KBW+13, RAT06, SZD+20,
CZ10, LFDF07, VRA+07]. codes
[CCLM13, KAN15]. Codimensional
[WJL+20, ZQ+14, ZQF15]. Coding
[GVN18, LCD+19, CRG+20, ORK12,
PK05, RS14a, RS18]. coefficient [ZFO3].
coefficients [WR18]. CofFab
[SDW+16].
cognitive [MCS15, SRR+17]. coherence
[HZ82, WFS+09]. Coherent
[GLHL11, KDMF03, KP11a, LBP+12,
YC12, ASC+14, HTG14, HKAK16, LML+12,
RS1+08, WIK+06, WHSL11, XFC18]. cold
[GGP+20]. collaboration [KKB+11].
collaborative
[CSTP16, DXZ+19, SSTP15, TG+09].
collage [HZZ11, KSH+16]. collection
[HZG+12, SW85]. Collections
Collisions [LLF+10, VJ19, WG09, BJ10b, BEB12, GKJ+05, Hu96, JP04, KOOP11, LHLK10, Mr98, MASS15, MCKM15, SPO10, TMY+11, TTWM14, TWL+18, Wan14, WLH+13, ZRLK07, ZJ12].

Collision-free [WG09]. Collision-Ready [LLF+10].

Collisions [OD01, WWYW21, BFA02, HVTG08, KTS+14, MZS+11, MTM16, VM10].

Color [AAPS16, AASP17b, BVF+17a, BAU15, COSG+06, Fat14, GW90, HLC+19, HDC07, KP92, LR90, LR91, NR515, OAH11, PH15a, PH15b, SC87, SFB92, SC88, St92, WC90, WC91, Wu92, Xia97, ZZL+21, ZK14, AAPS17, AASP17a, AHB18, BCN08, BCPP13, BATU18, CGZ08, DK99, GOTG05, HSLG13, HCE03, HRV97, ISS16, JSB+10, KYS+15, KW09, KJDL09, KRK11, KL12, LRFH13, LSD02, MHP+19, SMH1+11, SMH16, SSL+16, SLD17, TOS+03, WP09b, WYY+10, WXY+11, WAM02, ZRL+09].

Color-by-numbers [LRHF13].

Color-difference [HRV97]. color-filtered [BCN08]. Color-Lines [Fat14].

color-to-gray [KJDL09]. Color2Gray [GOTG05].

Colored [SMB+19, BGB+05, DLKS18, LD06].

Colorimetric [LDS02]. Colorization [LLW04, CZG+11, HCL+18, ISS16, LWQ+08, QWH06, ZSI+17, ZLW+18].

Colorizations [LRHF13]. colors [YKH10].

column [HPB07, HWH+16]. CoLux [Par17]. combination [Ale02, DSDP09].

combinations [HR05]. Combined [OKH+16]. combiner [BHHM20].

Combining [BWG03, DHK+10, JASR99, PS04, CGG+17, DS8+12, EB14, HP17, NRDR05].

combustion [PJH+17]. comfort [DMHG13, KBBD17]. comics [KL12].

Comments [Pav90, WP90]. Commodity [YLC+20, CM14, GM05, HDGN17].

Communication [HI86, JGN16]. Compact [BKGK17, JBY+19, LPP09, SKO14, AC5M12, GLRR11, HNB+06, KCYW13, MC12, PvBM+06, ZCR+16].

companding [LSA05]. Comparative [HRV97, RGSS10].

Comparison [BBB+93, LC96, SCB87, EKA84, HXZ19, KKN18, YWXY21, BFA02, HVTG08, JTMW20, RHJD18].

compatible [HLCN16, OAH11].

Compatible [SG01, WLY+16, KS04b, MEMS06].

compensate [POAR12]. compensated [ZRL+08]. compensating [WM14].

compensation [BW13, SRB+19].

competitive [BDM+20]. compilation [LS02]. compiler [MAN+16]. compiling [HBD+14].

Complement [CZY17b, PAK+19, CZY17a, LM21S16].

Complement-based [PAK+19].

Complementary [ZBLJ20].

Complementmne [SSK+17]. Complete [JTMW20, RHJD18]. compeltion [ASK+05, DCOY03, FMIW14, HTG14, HEO7, HYG+13, HKAK14, HKAK16, HWH+16, ISS17, KDDK12, LIV+12, SACO04, SYJS05, SKAG15].

Complex [BYRN17a, DBP+15, HJS+14, SW14, VADW15, BYRN17b, BAOR06, CAC+02, CJAMJ05, DDP02, EHDR11, EMF02, FGBP11, GGN18, GDC15, GM05, GLY+03, JP06, JSP17, KO6, KTS+14, KBT17, KSSC08, LZJ16, LSD03, LRA+07, LTT+20, LP02, LVS+13, MZD05, MB12, MTP12, PMS12, PKZ04, RSM+10a, RB08, SS14, SILN11, TGD04, WM03, YMR+13].

Complexes [PBCF93, A09, DRTD14, GD02, ZQC+14].

complexity [CI84, ME05]. compliant [MZB+17, TCT20].

component [KCKK12, SSK+17, YWS+11].

component-based [KCKK12].
Components
[WLZ+21, DYY16, HFH+17, NKGR06, NVW+13, SHHS03, SFWG04, WZF+18].

Components-based [WLZ+21].

composable [FH11]. compose [Rit18].

Composing [DeR88]. Composite [MPP+11, AMG+19, SPSh+17, WMZ+13, ZKB+17].

composites [XADR12].

Compositing [Duf17a, KSH+14, Aga07, BSS+11, BBP13, CGC+03, DWT+02, Dufl17b, HLR+17, RGF+20, SGW06, YTBK11].

Composition [DGHM93, LM97, BGKS17, CLC14, GB08b, HGCO12, LYdPG12, ZJ18, ZXC+18].

Compound [TMM+21]. comprehensible [BF08]. Comprehensive
[LST09, JdJ14, JNS11]. Compressed
[MHU19, SLm+17a, NNSM07, SLm+17b, WYl+14]. compressible [GHB+20].

Compressing
[LSA05]. Compression
[Ari06, BIP01, MHU19, SLN11, SWW15, AFSR03, BCG05, FLW02, GD02, IG03, LAJJ14, LD13, MEMS06, MCHAM06, Nah20, PM05, RAI06, TDL+18, TR98, YGM97].

Compressive
[ITM+14, MWl+13, MWB13, PML+09, HWRH13, HWR14, LLD14, WLHR12].

Computation
[PMB+95, PVY90, VMK00, WJZL08, FBC18, GSCO12, GS85, HZS2, ILSS05, JTL+12, LK02, LHF18, LWL+09, MIB15, PSBM07, QHY+16, RGK+08, She13, SG+06, TLK09, TK14, XLC+16].

Computational
[ABH18, BGKS17, BAD10, BM07, BLT+15, CTT+13, DZ+16, FGN84, FS+15, JGJ16, GGP+29, GA20, HGG+11, IWHH20, LDTA17, LZF+19, MZL+17, MLB16, MKD16, OKH+16, PYB+16, PPM14, POT17, RRMG10, SZK15, SPG+16, SHWW16, STC+13, SWT+17, SZ15, TCG+14, WHG84, XZM+18, YCC17, ZYZZ15, ZFS+19, AID+10, AMG+18, BPK+13, DYN03, DKNY08, FV96, Frel16, HRR+13, HWB14, HPK+17, KCD+16, KPM+17, KSS+15, KS11, LHLG+09, LLMZ16, MPI+18, MZB+17, OHR14, STTP14, WFDH18, XKF+18, XDF+19, XRLF15].

computationally [KY+09]. compute
[LMS16]. computed [Bae18, IYY14].

Computer
[BG89b, CT82, Coo86, GOL84, GOl5a, Hil86, KP92, MK10, MRC+86, Pav90, SMPZ15, SLGS01, WP90, Aha03, ACM10, Go12, HC15, ILB15, KFS13, PVL+05, SHL+17, TL04, WQJ18, YGM97, ZAJ+15].

Computer-Aided
[BG89b, Go18].

computer-assisted [ILB15].

computer-controlled [Aha03].

Computer-generated
[MS10, ZAJ+15].

Computing
[ACP+01, BHK14, CCW93, DLSC18, DEM96, FCJ07, FLG15, FL16, GOMP98, HBLM11, LWS+15, LPS+13, PYW14, PY06, SS19, YYL+19, ZWL+18, BFH+04, CWW13b, OK10, PNH+14, SCS+08, YPB16].

concatenative
[AJM12]. Concept
[IBB15, LB84, GHL85a, KPS85, HL86, Pav90, SMP15, SLP15, SM15, KPS15, LPS15, SL15, ZAJ+15].

Concurrency
[Hil86]. concurrent [BSL12].

condensation
[TMDK15]. conditional
[GDG+17]. Conditions
[BS88, SGW18, BBD12, KO11, MKR11, MAF+09].

Cone
[SSZC10, LSVT15, SSS18]. Cones
[CSZ11, TAV+10, Van06]. conferencing
[KPB+12]. configurable
[Pe105].

configuring
[RV+03]. confilation
[WJ19]. confocal
[LCS+04]. Conformal
[GA20, SSP08, VMV15, CSP15, CSM13, KSS06, LPMR02, SCC18, WGL10].

Conformation
[BFGO17]. Conforming
[Ale20, ACA+19, HGCO+12]. congruent
[AMCO08]. Conic
[Pav83, PK83, Pot91]. conical
[LPW+06]. conics
[Far89].

Conjoining
[NS11]. conjugate
[BF01, LXXW+11]. Connect
[LKV+14].

Connect-The-Dots
[LKV+14].

Connected
[ZGH+16, ICG17]. Connecting
[SJR18, GTH14]. Connection
[LTD16, BWS10, GDK12, NCVM15].

connections
[PVG19, TH19].

Connectivity
[PZKW11, GLR11].
Contrast [MC92, DRE+12, HSHF10, STTP14, THG99, TAKW+19]. Contributing [BDD11]. Control [BB83, BSM88, BVF17b, DLG90, EHSN92, Hii87, LHJ+14, LYY16, LH17a, PM17b, SLST14, AVF17, BP08, BISP09, CH05, CWC11, COS19, CBvdP09, CBvdP10, DZ08, DKNY08, HYL12, HRL15, HGG+11, HSTP12, HKS17, HHC+19, HZM+08, IWZL09, ITM+14, JL11b, JWL+13, KLL+07, KCD09, LCR+02, LT06, LKL10, LES10, LPKL14, LYP+18, LLI18, LLP19, LWH+12, LC15, LYYdp+10, LYYdpG12, LYWG13, LH17b, MTP+18, MZS09, MTPS04, MLPP09, MPP11, MRKN20, NZC+18, OHH+11, PM17a, PSE03, RSH+05a, RTK+15, RCOL09, RJN16, SSB+15, SBR+15, SJJ12, SGM+16, SH08, SMD+15, TER+20, TMS03, TPL07, TJ07, VSHJ12, WMZ+13, WHH04, WPKL17, WPL18, WGH20, CD10, XyY13, YL10, YLYdp07, YHZ+14, ZKS18, ZZMC13, dSDP09]. Controllable [SY05, SG01, WG10, XCLT14, HAB20, LH05, LSCC20, MDLW15, Pot91, TIAI07]. Controlled [CCW03, MZ13, AHD15, Ano03, ESC16, FZZ+09, FSH11a, HSD13, HZCJ17]. Controlled-distortion [MZ13]. Controller [AFP+95, Glao90, BGS4, XDF+19]. Controller-Based [AFP+95], controllers [CNP07, LLP09, LKTK10, LLKP11, LZCV20, MTA+20, MK16, WFH09, WFH10, WHDK12, dLMH10]. Controlling [JL11a, KABL14, KH17a, RMGKH15, KH17b]. conventional [LFDF07]. Convergence [SJ17]. Conversational [SGD21, SDO+04]. conversations [EMO10]. Conversation [RWW90, SV93, Dip+18, KDW+17, XLLW20]. Converting [LOM11, EPD09]. Convex [Day90, MPB17a, TM84, BDD11, BLTD16, FLSG14, HZ82, MDK+16, MPB17b, MCK13, TLJP18]. Convexity [VFK+14, AA09, LW16]. conveying [DFRS03]. Convolution [FFL11, HRV+18, LLDD09, NFA+15, PSNB13, P018]. Convolutional [GZC15, HKC+18, MGA+17, SdGP+15, TSLP14, AML18, BVM+17, BB15, KHL19, LDPT17, SED16, SSISI16, WLG+17, WSCR18]. Coons [KOY+11]. cooperation [EAPL06]. Coordinate [Tur82]. Coordinates [FHL+09, BPC16, BLTD16, HF06, JMD+07, JSW05, LJJH13a, LSLCO05, PBH15, TMB18, YL08, ZDL+14, LLLC08]. coordination [YLNP12]. Cope [EM90]. core [CGG+04, IG03, NNSM07, SCS+08, SBZ09, WWS+05, WHY+13]. CoreCavity [NAI+18]. cores [YLJ18]. Corner [Ros20]. Corner-operated [Ros20]. corners [LD06]. corotational [HLSO12, TREO16]. corrected [WKR99]. Correcting [HLBR12, HWBR14, KLF+19, RMD12, WFDH18]. correction [KPB+12, MIM+17]. Corrective [GZW+16, SP09]. correctives [LYYB13]. correlated [BHHM20, GCH+19, JAG18]. Correlation [GNHM15, CHWH17, FK08, OG12]. Correlation-Based [GNHM15]. Correlations [SCO17b, SCO17a]. Correspondence [Sah18, AL5+18, AXZ+15, BSFG09, HSGL11, LF09, SPKS16, ZYL+17]. Correspondences [HLC+19, HKC+18, LKL+12, LMS13, RPWO18, TMRL14, TBC+16]. Corrigenda [Bak94, LR91, RO87, WC91]. Corrigendum [Ako90a, BK87, Pat87, Ry93, VVW95]. cosines [HDHN16]. Cost [WWY+13, LDS02, MCE+17]. Cost-effective [WWY+13]. COTS [Ros20]. Coulomb [BDDA11, DBB11]. couple [CZ17]. Coupled [BBN+12, CMZP14, DAB15, FQL+20, HXS+15]. Coupling [GBP+19, GSLF05, ANZS18, AIA+12, BBB07, DF2W0, HLW+12, HFG+18, IGLF06, LCD+20a, NGL10, RMSG+08, TB20, TLK16, YMR+13, YSC+18]. couture
LVS+13, RKB04, TDM+14, WHY20].
cutter [LVS18]. Cutting
[YCP16, KMB+09, KBT17, SC18b]. cycles
[ZZCJ13]. Cyclic [ACXG09]. cylinder
[ZYH+15]. Cylinders
[BK85, AMZ99, BK87].

D [BIP01, Bou18, GIZ09, SLV+13, AJS20,
AKZ+17, AWL+19, ALI3, ALX+14,
AXZ+15, AZR09, AAR05, AIH+08, ARS14,
BVF+17a, BKL16, BHR13, BP07, BSS+11,
BSK+16, BSW02, BBN+12, BSS+13, BVG11,
BGK+13, BWSS12, BVS16, Bly06, BSM+07,
BRO7, BAU15, BATU18, CCA+12, CB04,
CWLZ13, CKH18, CMZP14, CK10, CKGK11,
CGF09, CSPF12, Che13, CLD+13, CLW+14,
CZL+15b, CKIW15, CLF+18, DNZ+17b,
DNZ+17a, DS15, DLS08, DSF+13,
DKD+16, DIP+18, DHL14, DP02,
DBB+17, DSC+20, ESK16, EBGB14,
EDF+16, EST+20, EPD09, ESZ+17, EM06,
FZBR16, FJL+16, FH10, FRB+12, FSL+15,
FMK+03, GDAB+17a, GDAB+17b,
GZW+16, GZC+16, GIZ09, GM05, GF08,
GG03, GTDS10, GKH12, GWN+03,
GW05, GHL+20, GFD+12, GRT+13, GZC15,
GXY+17a, HGR04, HGY17, HASK17,
HK18a, HNH19, H187, HLHR09, HLZ+10,
HDK07, HMC11, HLV+17a, HLV+17b]. D
[HTWB11, HCT11, HTH15, HMT+15,
HDGN17, HU02, H015, IBP15, IGP+17,
ICG17, JTR12, JBM+17, JSK12, JLF+09,
JBX+20, JZOH7, KMM+02, KH06, KHO6,
KSH+14, KDM+16, KDR+18, KSEN14,
KMYG12, KLM+12, KRD+12, KLM+13,
KLKL13, KTL+04, KDW17, KFCO+07,
KSS+15, KS04b, KYC+17, LMS13, LH+10,
LRAT08, LHHR10, LCG09, LOMI11,
LHG+09, LMA+07, LCS08, LT09, LSH+10,
LTM+13, LPL+17, LBB+17b, LYE+20,
LHM+18, LCOZ+11, LYY18, LOW18,
LFZ18, LG09, LWS14, LHL15,
LKG+03b, LFL09, LVBK+10, LHVT17a,
LHVT17b, LSY+14, LBRM12, MLZ+16,
MPF+18, MHS+19a, MLY19, Main92,
MWH+13, MPI+18, MS06, MPD03,
MPN+02, MP04, MAN+16, MTN+15,
MSS+17, MG10, MPG06, MYW15,
MLS+18, NG18, NLGK18, NAH+18,
NISA07, NRDR05, NZS13, OHX+14,
OHB+11, OLG01, ONO+04, Part17,
PGR+19, PMW+08, PK05, PXW18, PZ17,
PRM14, PFB+20, PSG+06, PMPHB17,
PWLS03, RAW08, RSL16, RSI+08]. D
[RID10, RDI10, RMD12, RHHL02,
RMBB+13, SS14, SHM+18, SCH+14,
SLV+13, SSG11, SSK09, SBR+15,
SHL+17, SHZ+20, SAA+21, SF07, SGXT20,
Shn92, SSS+08, SARW+15, SS06, SDW+16,
SVB+12, SQRH+16, SRR+19, SSK+17,
TDL+18, TD16, TDM11, TMB18, TS08,
TTZ+20, TFK+03, TMB14, UTB+19,
VVC+15, VSHJ12, WBF+17a, WBP+17b,
WOA+09, WWY+13, WG+13, WSXC16,
WLG+17, WSL18, WSH+18, WLX+18,
WKH18, WMB+20, WXL17, WLHR11,
WDB+07, WSF+12, WZQ+18, WWL+19,
WZL+20, XLF+11, XIAP+17, XJL+09,
XZT+09, XZZ+11, XZC012, XCF+13,
XSC+14, XZS+16, Y17, YSL+14, YMMD15,
YSC+16, YLJ18, YWS+11, YLC+20,
YKC+16, YZX+18, YSHWSH16, ZLP+15,
ZAC+17, ZWW+18, ZKW14, ZSW+10,
ZBW+20, ZSMS14, ZK14, Zho18, ZZCJ13,
ZNI+14, ZPKG02]. D-aware
[LWT14, YWS+11]. D-modeling [TS08].
D-printable [KSS+15, LBRM12, MTN+15].
D-printing [CCA+12]. D-shape
[WWL+19]. D-to- [GIZ09]. DAGs [KSA13].
damage [WFL+19, WCL+20]. damping
[XB17]. Dapper [CZL+15b]. Dappled
[VAR+07]. Dark [JGC+15, KF09].
Darkroom [HBD+14]. DART [MGDB05].
Darts [MEA+18, EPM+14]. Data
[CK10, CLS15, CT17, Foli87, GLL+16,
HF14, HJ12, JWL+13, KNS+09, KGG+20,
KPM+17, LJS+15, LK10, Lev90,
LC0D08, LCX16, MTP+15, NRS15, P08,
RO85, SPDF13, SMGE11, SKAG15, Tsa15, WYW+10, WOR11, AA09, ACP02, BCG05, BKR+05, Che13, CLW+14, CLS03, DH06, FKY08, FCGH08, Hoi18, HDK07, JLBM05, JLSW02, KHS03, KG04, LBJK09, LCR+02, LCL06, LSK+06, LGZ+13, LGF04, MUB15, MPBM03, MRC05, RPE+05, SNF05, SSI18b, SKL07, SJJ18, TZR+11, WAO+09, WWS+05, WLL+14, WSL13, ZCW+17, ZLE14, JTCW07, RO87]. Data-Driven [GL1+16, NRS15, Tsa15, CT17, HFL14, JHS12, JWL+13, KNS+09, KGG+20, LJS+15, LKL10, LCODL08, LCX16, MTP+15, PH08, SPDF13, SMGE11, SKAG15, WYW+10, WOR11, MUB15, MPBM03, RPE+05, SSI18b, SJJ18, WLL+14, WSL13, ZCW+17, JTCW07].


Decomposition [BBPA15, LII15, MLS+18, SBN15, TM84, AFO05, Bcl18, BHY15, CRL11, CLJL20, GLD15, GNS+12, GKY+05, HXZW20, HLZCO14, KT03, Kou16, KHLN17, LD12, LGZ+13, NA1+18, PK05, SSD09b, TEG18, TLJ18, TLHD03, XKK+06, ZZWC12, ZYH+15].
SGG$^{+}$06, TTZ$^{+}$20, WBS07, WMW15, XWY$^{+}$09, YLX$^{+}$15, ZBYX19, vTSSH13.

deformables [KBT17]. **Deformation** [AXZ$^{+}$15, BSBI6, CO19, GLL$^{+}$16, GPHSH19, JS11, JWJ$^{+}$14, LLF$^{+}$20, SP04, SJA$^{+}$20, WWY$^{+}$15, ZYL$^{+}$17, ACP02, BODO18, BVGP09, BZ11, BCWG09, BBO$^{+}$10, BSBI7, BWKS11, BJD$^{+}$12, CW17, CSvRV18, FH07, FKY08, FYK10, GB08a, GYO$^{+}$18, GPCP13, HSL$^{+}$06, JBPS11, JP02, Jam20, JTB516, LFS$^{+}$20, MJC$^{+}$08, NFA$^{+}$15, NVW$^{+}$13, POB09, PH06, PH08, RS98, RTD$^{+}$10, RJ07, SMP03, SMW06, SYBF06, SZT$^{+}$07, SPP07, VBG$^{+}$13, WJBJK15, WG10, WY04, WBGB16, YK14, YCHK15, ZHS$^{+}$05, ZPBK17]. **Deformation-driven** [AXZ$^{+}$15, ZYL$^{+}$17, MJC$^{+}$08].

Deformations [BR94, AJK08, CGC$^{+}$02, CPS10, CPS15, HZ13, JZvdP$^{+}$08, KG05, LKF12, MZL$^{+}$17, MBBF02, MHTG05, TMDK15, VMW15, Wam16, ZJ12, vFTS06].

deformers [KS12, PMS12]. **Deforming** [WGT09, KG06, SSJ$^{+}$20, SSW$^{+}$13, TMY$^{+}$11, XZY$^{+}$07, ZIT$^{+}$18, ZIT$^{+}$19].

**DeformSyncNet** [SJA$^{+}$20]. **Degenerate** [EM90, FNO89]. degenerations [GPSZ11].

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

degree-raising [CLS85]. **Dehazing** [Fat14, Fat08].

Demalaunay [Ale20, BSTY15, FAB$^{+}$18, ILS06, KLN91, LXFH15, LFXH17, TWAD09, YHL18].

Delay [AMN03]. Delayed [RLLG$^{+}$20].

delta [LL19]. **Demarcating** [KST08].

demonstration [GAL$^{+}$09]. **demosaicking** [GCPD16]. **Denoising** [VRM$^{+}$18, BVM$^{+}$17, CKS$^{+}$17, FDCC03, GPCD16, GLA$^{+}$19, HSI3, Hol18, LYT$^{+}$14, WLT16].

Dense [HLC$^{+}$19, SB95, ZK13, BNB13, CKS18, DXZ$^{+}$19, HSLG11, KRF$^{+}$18, LD13, NGCL09, OCH$^{+}$16, SWW$^{+}$20, XIAP$^{+}$17].

dense-weight [LD13]. **Densely** [YSHWSH16]. densification [HK18b].

density [DLC$^{+}$15, DJBJ19, Fat11, GHV$^{+}$18, HJJ10, WHSG97]. departures [WDW$^{+}$15].

Dependency [GF82]. Dependent [YSB$^{+}$15, WWT$^{+}$03]. depict [CSD$^{+}$09].

Depicting [GSLM$^{+}$08, LMPB$^{+}$13, RBD06].

depiction [TDB$^{+}$12, VBP$^{+}$09a].

Depixelizing [KL11]. deployable [PKLI$^{+}$19]. deployment [KLCP18].

**Depth** [CDSH13, CSN$^{+}$12, Jan91, LES09, LKE18, VKB$^{+}$18, AHAM15, BGK16, BCN08, BHR13, BBO91, CZL$^{+}$15a, CZN10, FKI$^{+}$14, FG11, GWM$^{+}$08, HLHR09, HK18b, JTL$^{+}$12, KHK11, KKWK20, LSR18, LDFD07, LGH$^{+}$09, LCD06, McC00, MDB$^{+}$19, PZM13, RFT$^{+}$04, STXJ15, SDP$^{+}$18, SSD$^{+}$09a, SHM$^{+}$14, TK14, WJG$^{+}$18, WSZ$^{+}$18, WZC12, WM03, WZN$^{+}$14, XZS$^{+}$14, ZFS$^{+}$14, ZK14].

**Depth-of-field** [LES09, KHKK11, LSR18, WJG$^{+}$18].

**Depth-Order** [Jan91]. Depth-presorted [CSN$^{+}$12]. depth-sensing [HLHR09].

Depths [Che92]. Deringing [WWH06].

derivation [WK09]. Derivative [LTDD16, LC96].

Derivatives [AOCBC15, OKR10]. derive [Spr82].

Descent [WY16, YLYW18]. descensusing [HLHR09].

describing [KBvB$^{+}$04].

Description [dFP95]. descriptive [GSV$^{+}$17].

Descriptor [MOR$^{+}$18, GWM16, HZvK$^{+}$15, KSH$^{+}$16, SvKK$^{+}$11].

descriptor-space [SvKK$^{+}$11]. Descriptors [HKK$^{+}$18, CT17, TD16].

DESIA [WSP18].

Design [BR92, BS98b, BWSS12, BBO$^{+}$10, BR94, BSBC12, BAC$^{+}$18, Cas91, FSDH07, GDAB$^{+}$17a, Gs04, Gs05a, JMB$^{+}$20, JTSS17, LTDD16, LHVT17a, Mac86, PPV95, PTC$^{+}$15, RHW94, SSL$^{+}$14, SW14, SG91, TBWP16, TIM$^{+}$21, VHPW12, XZM$^{+}$18, XLCB15, YKGA17a, AMG$^{+}$18, AMG$^{+}$19, AHB18, ACBC017, BB15, BCC17, BLT$^{+}$15, CK14b, CZXZ14, CLSM15, CLM17, CPWAP08, CTN$^{+}$13, DLC$^{+}$15, DSZ$^{+}$16, DYYT15, FYY$^{+}$16, GDAB$^{+}$17b, GSFD$^{+}$14, GJG16, GGP$^{+}$20, WDW$^{+}$15].
GPD+18, GSV+17, IIM12, KP09, KP10, KCD+16, KSS+15, KSSI17, KAMJ05, LSD+16, LWS+18, LXW+11, LZF+19, LKvK+14, LHVT17b, LCBD+18, MZL+17, MGDB05, MPBC16, MPI+18, MDDL15, MSS+19, MZD05, MTN+15, MZB+17, MSL+11, MMT18, MLB16, MIW16, MI07, PZ07, PRK+17, PTG02, PYB+16, POT17, PTV+17, RVL08, RRS13, SXZ+17, SWC+18, STTP14, STC+13, SCGT15, SWT+17, SZ15, TGY+09, TCG+14, UBV99, UMK17, UIM12. **design** [UKSI14, UPSW16, UB18, VABW09, VGDA+12, VBFG12, WJBK15, WCPM18, WLM+15, WDR11, WDR13, WZL+20, XSBZ15, XB17, XKC818, XDF+19, YWW13, YKGA17b, YCC17, ZKBT15, ZMT06, ZFS+19, ZZL+15, ZQCL19].

**Design-driven** [BWS12]. **Designing** [APH+03, CLM+13, PHS13, PPW18, RCLM19, STK+14, ZCT16, Cob87, JRT+15, NISA07, ON0I04, TZCT20, TTZ+20, WSP18]. **Designs** [ZZL+21, CKX+08, DFL+15, LYH+15, PKM+11, PCLC16, ZCL18]. **desired** [BBO+10, MZL+17, ZKBT17]. **desktop** [LRFN04]. **destination** [KAB+10]. **Detail** [FH07, HK10a, MSW+09, SK16, CH04, CHRP07, ECK14, FFLS08, FAR07, FKY+10, HHTF15, KG5+18, LK5+03a, NSAC005, PSNB13, PKZ04, RBD06, WWA+16, YKJK12, ZNT18].

**Detail-Preserving** [SK16, HK10a, NSAC005, WWA+16, ZNT18]. **Detailed** [BBK+15, EB14, AFO05, DKH+10, GVWT13, GMP+06, KMB+09, YL12].

**details** [Bae18, BC18, Boup18, Cor18, Did18, Gup18, Hac18, Iza18, JCCW09b, Kal18, Kau18, Kim18, Lau18, Lee18, Li18, Lip18, Liu18, Mit18, Pan18, Rit18, Ter18, Wan18b, Xu18, Zha18, Zho18, Zhi18a, Zhu18b].

**Detection** [LYF+20, RV89, BEB12, CMZP14, DAB15, GKF+05, Hub96, JP04, MSHS06, Min98, MGP06, RTF+04, SPO10, TTWM14, Wan14, WH+13, XZJ+12, YNS19, ZRLK07].

**Detections** [NY94]. **Determination** [EM96, JTMW20, SNF05]. **deterministic** [GGY18]. **deterministic-stochastic** [GGY18]. **Developability** [SC18].

**Developable** [JHR+15, RHSH18a, SRH+15, TBWP16, EB08, IRSHH20, KCD+16, LPW+06]. **Development** [WW22, HFI+17].

**developmental** [PNH+14]. **Deviation** [WDW+15]. **Device** [GFMS95, GMP+16, JPG+14]. **Device-Directed** [GFMS95]. **Devices** [LMR83, NKK+14, RvE93, DWS+20, HKG+13, XBNZ19]. **Dexterous** [LYP+18, HMT+15]. **Dextrous** [Liu09]. **DFlow** [DTP15]. **DFHSlicer** [YAV+20].

**Diagrams** [LFXH17, AGL+17, GS85, IIOI05, LACS08, MSHL18, SGC+06, XLC+16, dGWH+15].

**DiagSplit** [FFB+09]. **Dialogue** [Gre86, LDTA17]. **dialogue-driven** [LDTA17]. **Dichoptic** [WC21]. **dictionaries** [GZB+13, MWBR13]. **Dictionary** [BBL12, XZZ+14]. **Dictionary-based** [BBL12]. **diff** [BDG15]. **difference** [CHWH17, GWAB19, HRVV7]. **Differences** [VMK00, WGY+18, BDG15, Nah20, ROA+13]. **Differencing** [Kla91b, Kla94, Rap91]. **different** [SPD13]. **Differentiable** [LADL18, LGA+18, LLGRK20, LWL+20, TMM+21, BLD20, DWS+20, GHZ+20, LHK+20, RGF+20, SLH+20, TYY+19].

**Differentiation** [WW11, LXY+16, SSR20, YLLH18, ZDC0].

**differential** [ZW20].

**differential-informed** [ZD20].

**differential** [Gue07]. **difficult** [JM12].

**diffing** [DP13].

**differed** [JBY+19].

**Diffraction** [TG17b, CHB+12, HP17, SMM14, TG17a, YJB+14]. **diffraction** [Fre16, WVJH17]. **diffuse** [DDTP15, MWRD13, SMM14, SJR18].
Diffuse-specular [SJR18]. Diffusion [BAU15, CZN10, FFL10, Knu87, OBW+08, SXH+12, TMRL14, AW20, BX03, CAO09, DI11, DFW20, DJ05, IKCM13, JCW09a, JGW09b, McC99, STZ14, TSN10, WZT+08a, XSTN14, XSH+20, ZF03].

Digital [GRS93, Knu87, CL21, MBS+11, PSA+04, SFB92, SCR88, WDB+07, ZSSJL20, ADA+04, CXY+15, CZX+16, GB08b, ITM+14, PLKD18, RSSF02, RMD12, Sha03].

digitation [HSG+17]. Dihedral [PRP+15, LS07]. dilution [NGD+06].

Dimension [PBCF93, GZ05].
Dimension-Independent [PBCF93].

Dimensional [CKH18, Day90, EM94, Gla90, KM97, MEA94, GMP09].

Direct-Manipulation [Jae86].

Direct-to-indirect [HPB06]. Directable [HG09, BMWG07].

Direct-Function [GFMS95, BKL16, MTP+18, PRMG16, SRL+15].

Directing [GLC+18, PCLC16, CLC14].

Direction [RS14a, TWLT19, BMSG09, GI04, KCPS13, LXW+11, PS04, RVL08, RVAL09, ZLP+15].

Directional [CRG+20, CV20, FHK14, Pag98, EDR11, KWN+17, MUB15, PO18, RS18, SV19, WLHR12].

directly [KMM+02].

dirty [GRBN09].

DISCO [GLL+04, JGN16].

Discontinuity [ZQPM12, HFG+18].

Discontinuity-aware [ZQPM12].

Discontinuous [HK05, CBW+18, EB14].

Discovering [NRH17, PMW+08, RGF+20, BLPW14, LWC+11, WL16].

Discovery [HGM14, MTP12]. discrepancy [APC+16, DEM96].

Discrete [AFH20, AW11, AHI7a, AOCBC15, BUAG12, BWR+08, BAV+10, ESBC19, FW12, JHY+14, KSS06, LTDD16, MWT11, Mal89, MGP+18, MGP10, RSH18a, Tau94, TLHD03, AGL17b, AFS02, CPS11, DBWG15, LCCS18, LHZ+17, QHY+16, RSH18b, SGW06, SS10b, SRGB14, SG+06, BCG10, WX09, YWH13, YXH14, YSC+18].

discretization [XSH+20].

discriminative [ARS14].
disentanglement [NBLCO20].
disk [BWWM10, EDP+11, EB1+06, GM09, 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, DHI12, NAB15, MSR16, MTP12].

Display [DVC09, Jan91, JGN16, LMR83, MDK08, PRM14, RO85, RO87, SBSH18, WK95, Zy88, AWB04, ALK+17, BNM10, BSW02, BGB+05, DER+10, DI18, DDD02, EDF+16, FOH04b, FR19, GZL14, GWN+03, HBW14, JMB+17, JBL18, JMY+07, KY+15, KJS+19, Kou16, KKB+11, LWH+11, LCTS05, LTO+15, MWH+13, MP04, NBB04, PMOR10, SMG+05, SHS+04, SSS+83, TFK+03, THG99, YJB+14, ZN06].

Display-Camera [JGN16].
displaying [SDI18].

Displays [Dun83, VN85, AFR+07, BF12, CB04, CTS+20, CS18, DSAF+13, DDD+14, FRS08, GWB05, HWL13, HLR+14, HLBR12, HBW14, HCW+15, HPK+17, KPM+17, KBB17, LHKR10, LL13, LJM+16, MLR+14, MGK17, MS05, MFL17, MSM+17, NAB+15, POAR12, SLV+13, SHK+17, TDM16, WLHR11, WLHR12, XKF+18].

dissections [DYYT17].

dissipative [BOFN18].
dual-space [LAKL11]. Dual-scale [ASP07, AMMS08, BLDL21, BAM14, BSM*07, CWW*13a, CM10, DGH16, DJ18a, HLI14, IBP15, Kal14, KH17a, LCTS05, LKZ*20, MLWT13, PBvdP15, SLR*16, TQ94, VPB*09b, WSL*19, WRK*10, Wu92, WS17a, XWW*14, YPG01, ZIH*11, ZMCF05, ADM*08, BBB*14, Bi08, CHZ14, CWW*16, CCWL18, CGC*+02, CH07, CZ11, DJBDT10, DJBDDT13, DHH*11, DD02b, FLW02, GVWT13, GRB*18, HSG*16, HAK16, JP02, JF03, JSB*10, KSB*13, KRS*17, KNS*09, KUWS03, KYYL08, KFC06, KLF*+19, KH17b, LWH*11, LSA05, LLV*12, LTT*20, LP02, LYvdPG12, LNBW03, LSS*19, MRK*+13, MKMS04, MEMS06, MP04, MWI18, MLPP09, MK16, MCK13, MCHAM06, Mns13, NSX*+18, NHAH03, PHB15, PBVY17, PMRMB15, RSM*+10a, RWS*06, RAH06, SHT*+04, SKY*+12, SZT*+08, SCT*+15, SKS02, SKK*+12, SKB*+14, SJLP11, SM06, SZC*+07, SZS*+08, SPW*+18, TAHL07, TPWG02, Van06, VBK05, WBS07, WRG*+09, WLHR11, WFL*+19].

Dynamic

[WS17b, YPB16, YL08, ZWZ*+16, ZHL*+05].

Dynamical [LCCS18].

dynamically

[KJS*+19, RH16, SSJ*+20].

dynamically-fovedate [KJS*+19].

Dynamics [CLMK17, MEM*+19, MHNT15, BKL16, BWRB05, BAC*+06, BML*+14, BEH18, DBD011, DN03, DKNY08, Erl07, FTP16, GHZ*+20, GvdB*+12, HMP*+20, ISN*+20, KEP05, KPH18, KLV20, LTO8, LLL*+15, LFW*+20, LCX16, LJBBD20, NGCL09, RGL05, Ten20, TNGF15, TJ07, Wan15, WWB*+19, WP12, WST09, XB16, ZSZ*+14, ZBLJ20, ZPKB17].

Dynamics-aware [CLMK17].

dynamism

[LJH13b].

Earth [SRGB14].

Easy [GW91, Tan83, Bea91, Ber82a, Ber82b, Fol86a, Fol86b, Fol86c, FGN84, Fuc82, Pha18].

EasyFont [LZX19].

EasyFont [LZX19].

ecosystems

[CGG*+17].

Ecological

[SLD15].

Edge [FFLS08, Fat09a, FCA09, HJG*16, KKR11, SGM12, SSD09b, WWT*+06, BHY15, CPD07, FFL10, Fat07, GO11, HHF*+19, KTT09, LADL18, LSST15, PHK11, RFT*+04, WSM11].

Edge-avoiding [Fat09a].

Edge-aware [HJG*16, KKR11, CPD07, FFL10, GO11, PHK11].

Edge-based [FCA09, KTT09].

dynamic [LSST15].

Edge-guided

[SLD15].

Edge-preserving

[SLD15].

edgebreaker

[AWSR03].

edges

[BWG03, LAD06, Nai98, SNOH08, SC20, WLY17].

Editing [GW90, Tan83, Bea91, Ber82a, Ber82b, Fol86a, Fol86b, Fol86c, FGN84, Fuc82, Pha18].

Editor [GW90, Tan83, Bea91, Ber82a, Ber82b, Fol86a, Fol86b, Fol86c, FGN84, Fuc82, Pha18].

Editor-in-Chief [Bea91].
**Editorial** [Bea91, Foi91, Foi92, Foi95a, Gla95, Gla97, Har03a, Har03b, Har04, Har05, Hod00, Hod02b, Hod03]. **Editors** [BG89b, BG89a, BG90, FR87]. **eddits** [HLR+17, IAF09]. **Effect** [Kla87, DK90, HOKP16, MB12, ZAJ+15]. **effective** [APH+03, BSW02, WWY+13]. **Effects** [BYRN17a, KFB10, TG17b, YMRD15, ZSSJL20, BYRN17b, CLC96, CFW13, GGN18, KKN+13, LES10, LAC+11, MYRD14, PH15a, RAWV08, SSBG10, SKC+14, TG17a, WKR99]. **efficiency** [EKA84, LFY+19, Wan18a]. **Efficient** [AJIS20, Aga07, Bel18, BFK+16, BEB12, Dun83, EDP+11, FP03, GLL+16, GHF+07, GH98, Gue07, HH16, IGLF06, HH20, JTMW20, KJMJ0, KCW+18, KLN91, KM97, KFS13, LLL+20, LRR04, Lev90, LH16, LXFH15, MZS+11, MWM08, MK16, MRC05, MPG+16, NMLH14, PZM13, PM17a, PM17b, QZG+19, SNCH08, SSO0, SBN15, TEG18, TBC+16, VJ19, WAO+09, XLI+09, YPG01, YSHW16, AKJ08, BZL+15, BGFAO17, BSS+13, CBCG02, CGG+04, DHN+13, DJJ18b, EDR11, FV96, GSC+15, GWAB19, GAB20, HGRT04, HDN+16, HZI1, HJJ1b, ITZ+07, KV05, Kan15, KHD14, KTY09, KSS17, LSK+06, LSR18, LVS18, LC15, LKYU12, MKD+16, MG03, NSF12, PCFH18, RGK+08, SPO10, She13, SOA11, SSB03, SSGP+15, SFWG04, VAZH+09, WWB+14, WWZ+09, WBB+19, WHY20, WSS18, YHMR16, YJSR17, YJR17, YLJ18, ZM11, ZHRB13, ZKH+20, ZSTB10, ZZZ13, vTSSH13, NMLH11]. **Efficiently** [ACP+01, CSAP21, NRRD05, CJAMJ05]. **EgoCap** [RRC+16]. **Egocentric** [EMT+20, RRC+16]. **eigenfluids** [CSK18]. **eigenfunctions** [DLF12]. **Eigenmode** [LAJJ14]. **Eigensystems** [SDK19]. **Eikonal** [ITZ+07]. **Elastic** [LFP21, PZM+15, SPV+16, BWR+08, CPSS10, CZXZ14, GBFP11, KMOD09, LHGD+14, LCBD+18, MKB+10, MTGG11, PMS12, PLR+16, SJM17, WOR11, WY16, YLYW18, ZSTB10]. **elastica** [CK14b]. **Elastically** [VJ19]. **Elasticity** [KSI2, CS09, DJJ17, KDI19, MZS+11, NKF09, SBR+15, SWW+20]. **Elasticity-inspired** [KSI2]. **Elastics** [LLF+20]. **elastodynamic** [MSW14, MLT+17]. **elastodynamics** [DJ18a, HLSO12, LSNP13, LGL+19]. **elastomeric** [JCR+11]. **elastoplastic** [FLJ19, GTJS17, JWJ+14, WRK+10]. **elastoplasticity** [JGT17, KGP+16]. **elastostatic** [JP03]. **electrostatics** [WSSK13]. **Element** [LHJ+14, LHVT17a, SDG+19, SVB17a, BWHT07, HW16, ISF07, KDI19, LDPS84, LHVT17b, MWT11, MWT13, SVB17b]. **Elements** [BC14, HLS+17a, LKS15, ARS14, BBB10b, CLC14, CLSM15, CZM+10, EB08, HW15, HLV+17b, IKCM13, JMB+20, KTY09, KBT17, LJM+16, LKL+20, SCGT15, XFAT12]. **Elimination** [And82, RV89, LSV18]. **Ellipses** [FH93, McI92]. **Ellipsoidal** [PVG19]. **Ellipsoids** [JTMW20]. **Elliptical** [FH93, KM17]. **Embedded** [RK13, SSP07, ALLD17, HCE03, Jam20, LKL+20, NKF09]. **Embedding** [XZZ18, JWJ+14, LCD10, SJZP19, TER+20, ZWL+18]. **embeddings** [AL15, AL16, AKL17, CWK+20, LW+12, LSQ+15]. **Embodied** [RTB17]. **Embree** [WWB+14]. **Emerging** [MCL+09]. **Emotion** [WZC+20, KAL+17]. **Empirical** [CMS95, DLR+09, ZBB18]. **Emptying** [ZCC16]. **Emulating** [TDMS16]. **Enabling** [NFL12]. **enclosed** [GOMP98]. **encoded** [LLWD14, Tar16]. **Encoding** [Van06, HZG+12, LDS03, MKMS04]. **End** [SDP+18, SZZ+20, TMM+21, ISSI16, KAL+17]. **End-to-end** [SDP+18, SZZ+20, TMM+21, ISSI16, KAL+17], **ends** [VSK+17]. **energetic** [BB12]. **Energies** [BSEH18, ERT14, SDK19]. **Energy** [CTEO5, HP04, MCP+09, SJWG20, JZ12, DLL+18, HGMRT20, Kan15, LKW+09,
Energy-based [ZJ12]. energy-efficient [Kan15]. Energy-minimizing [HP04].
Energy-preserving [MCP+09]. engine [DNB+05, FMK+03, NPP+11, PBD+10, PVL+05]. Enhanced [CLJ+20, Hud94, Ols92, DFL+15, KK87, VRA+07, VPB+09a].

enhancement [BM05, BBB+14, BF12, DER+10, ED04, FAR07, GSC+15, GCB+17, HSL11, JMAK10, KNC+08, LCODL08, LCD06, RSI+08, SGM12, WY+10, WYX11].
enhancing [MBPY+18]. Enlighten [WZC+20]. enriching [LSGV18].

Enrichment [KMB+09]. Ensemble [JTCW07]. Entropic [SPKS16].
enveloping [WPP07]. Environment [Ols86, PM18, ARBJ03, LF02, NOP+18, RH02, RZL+10, XMR+11].
environment-independent [NOP+18]. environmentally [CSvRV18].

Environments [CSS96, YPG01, GLY+03, GB08b, KMYG12, KKB+11, LCL06, LNWB03, MIWB02, NHAH03, SCH+14, SMM14, SSC10, SKS02, SBK11, TGD04, WFI01, WS99, WM03].
envyLight} [Pel10]. Epipolar [ABW+17, GF12]. epsilon [DD02a, ITM+14]. equation [ABW14, CK11, WZT+08a]. equational [JASR09]. Equations [PM95, AZB09, CI97].
equilibrated [FLGJ19]. Equilibrium [SPV+16, dGAOD13]. equivalence [RFW07, SS10b, SSP08]. Equivalent [FM84, MRA+13]. equivariant [PO18].
erasure [LFJG17]. Erosion [YSC+16, CGG+17]. Errata [NMLH14, Spe03].

Error [AAR05, BAU15, LWS+15, WBF+17a, AW20, BDT09, BHW13, CA09, HHJ10, PSF09, RKK11, SJJ12, SLWF14, TGB13, WBF+17b, YRP09, ZG02, ZF03].
error-bounded [ZG02]. error-driven [PSF09]. Error-resilient [AAR05].

error-tolerant [SLWF14]. errors [PMOR10, RP03, Wan14]. estimates [BHHM20]. Estimating [Che92, SHM+14, WSM11, ZS00, CDP+14, HNZ08, NSJ14, PMOR10]. estimation [DJBJ19, GLD+19, GWP+19, GHV+18, HJJ10, HMP+08, JNSJ11, LZHJ20, MSS+17, MTB+13, NOP+18, WHSC97]. estimators [PCS+20, SOHK16]. ETC2 [Nah20].

Euclidean [ZWL+18]. Eulerian [CM11, FLLP13, HK10a, KDE+17, LLJ+11, LFZ18, MSQ+18, MMTO07, NO13, SBRBO20, TLK16, WPLS18, WRS+12].

Eulerian-on-Lagrangian [FLLP13, SBRBO20, WPLS18]. Evaluating [HRZ+13, ODGK03, RP07, WF96, CHM+12, CJAMJ05, KP09, KP10, LWC+13].

Evaluation [LCTS05, LC96, MAF+09, MRC+86, RV89, AFR+07, GRG04, UHT17, WB08]. Event [AECO15, LZHJ20, SSB+17]. events [VBK05]. everyday [AV+07]. Evolution [BAC+18, MOR+18, LXY+16, MLZ+16, XZCOC12, YLH18]. evolving [BHLW12, IYAH17, ISN+18].

Exact [Kla94, RvE93, BDCDA11, BEB12, BB06, HZM+09].

Exaggerated [RBD06]. examination [WC21]. Example [BSPP13, DFM88, DBB+17, FJS+17, FRS+12, JWW+20, JTSB16, LWI01, MTGG11, RYL13, SDKN18, ST16, SZT+08, WYZG09, WHRO10, WXY11, WHHY20, XB17, AVB08, BCK+13, DLL+15, DLKS18, EVC+15, FJL+16, FKS+04, GLL12, GDG+17, GJW15, JS+19, JMK10, KEBK05, LHL10, LND12, LBW+14, LFB+13, PCSS06, PALvD18, RRS13, SSL+14, VSLD13, Wam16, WZT+08b, WPYL17, XUC+14]. Example-Based [ST16, WHHY20, BSSP13, DBB+17, FJS+17, FRS+12, JTSB16, LWI01, MTGG11, SDKN18, SZT+08, WYZG09, WHRO10, WXY11, XB17, AVB08, DLKS18, EVC+15,
FJL+16, GDG+17, KEK05, LYFD12, LFB+13, Wam16, WZT+08b, XUC+14].

Example-driven [JWW+20].

Example-guided

RYL13, PALvdP18, WPKL17. Examples

Gol85a, AF02, FF11, HMLL14, LBDF13, MG03, RTK+15]. excess [WHDS04].

exchange [ZLB16a]. exemplar [HCL+18].

exemplar-based [HCL+18]. Exemplars

DBP+15, KFCO+07]. exhaustive

KKN+13]. existing [EKA+84]. expanded

JBL18]. Expanding [LM97]. Expansion

BBF17b, AFVF17, DSAF+13, ZSB+18].

Expansions [BXH+18]. Expediting

YLX+15]. Experience [AFP+95, JGC+15].

experiences [MGDB05, SPGH13].

Experimental [BBB+93, MRC+86, SCB87, AJD+10, FNvD82, KKN+14]. Experiments

GHC+88]. Explicit [RBMS19, WYL+20]. exploded [LAC+08]. Exploiting

PKH+17a, PKH+17b, YRP09].

Exploration [OLG+11, BBPP+10, DFL+15, HFF16, JM12, LZ04, MGDB05, MVH+17, ROA+13, SXZ+17, SWC+18, UIM12, YYPM11, ZLE14].

Exploratory

OLAH14, TGY+09]. Exploring [KSSGS11, KLM+12, PBJW14, BYMW13, GBLM16, HWG14, SSO+06, TKKT12, YRP09].

exploding [FOA+03, SRF+05, YY+17].

Exponential

CSAP21, MSW14, BRM+18, SGW+06].

exponentiation [RWS+06]. Exposing

KOF+13, KOF+14, OF+12]. Exposure

HHX+18, ARNL05, EKD+17, KBC+13, MAF+09, RAT+06, TAH+04]. exposures

BM+05]. Expression [SGD21, YWS+11, CHZ+14, LBB+17b, SLS+12, TZN+15].

expressions

BB14, BGGO11, Gol85b, LCX+09].

Expressive [CTF+05, CB05, DBB+17, ElFS16, GCR+13, KHS+03]. Extended

BN90, MRF06, ANZ+18, CMSA+20, CZN+10, KWK09, SDP+18, KBT+17]. Extending

HGF+14, RT+90]. extensible [HFF+18].

Extension [DS+92, AML+18, BB+17, HP+12, LHF+09, PSF+09, XLC+16, ZLC+13].

extensions [NM+16]. Exterior

SW14, dGMD+16]. Exteriors [FW+16].

Extracting [BCN+08, CZS+13, HZG+12, NHH+04, TOS+03]. Extraction

[ULP+15, ATC+08, EBCK+13, KG+04, LLW17, LSA+16, LBK16, RKB+04, TZO+09, XYJ+12, ZTS+09].

extraordinary [CADS+09]. Extrapolation

[LLK+19, Lé+03, WLL+14, ZM+13]. extrema

[SSD+09]. extreme [DDSD+03, ZP+17].

Extrinsic

CSBC+17a, WBC+19, CSBC+17b].

Extrusion [HSST+10]. extrusions [KW+11].

Eye [MLH+09, ALK+17, BBGB+16, CTS+20, CLS+17, Dee+5, HCW15, JBM+17, JBL+18, JLF+09, KPM+17, LSL+18, LL+13, MKG+17, SLH+17, SRL+15, TDM+14, WSX+16].

eye-box [JBL+18]. Eye-catching

MLH+09]. Eyecatch [YLNP+12].

Eyeglasses [HWBR+14, MLR+14].

Eyeglasses-free [HWBR+14]. eyelids

BBK+15, WXY+17]. EyeOpener [SSS+17].

Eyes [LBB+02, NN+04, SSS+17, BBN+14].

eyeSelfie [SRL+15]. EZ [SLWF+14].

EZ-sketching [SLWF+14].

Fab [SS+15]. Fabric

GHCG+17, FBG+18, KWN+17, F+19, ZMB+11, ZMB+12].

Fabricable [CML+17, LFZ+18].

fabricatable [LOM+11]. Fabricated

[IWWH+20]. Fabricating [BBJP+12, DWP+10, LGX+13, PRJ+13, SDI+18, WPM+09, CLM+13, HBLM+11, WW+13].

Fabrication

SMB+19, TISM+16, BBO+10, CZX+16, CLMK+17, CLF+18, EGB+14, HZH+16, JMB+20, KDC+16, LDP+13, LSD+16, LMA+18, MZL+17, Mit+18, NAI+18, PZ+15, PTC+15, POT+17, PLK+18, PWLS+13, RMD+12, SSL+14, SS+15, SDW+16, VWRK+13, XKC+18, ZKB+17, ZGH+16].

Fabrics [KS+15, MGZ+20].

Fabulously [Bae+18]. facade

BSW+13, FML+14, WYD+14, XFT+08].
facades [CMZP14, MZVW07, SHFH11, ZJX+13, GGP+20]. Face [AJS20, BDK+08, EST+20, GZC+16, LCX09, NBLCO20, VBP05, BLDA11, BKS+12, CCWL18, DSI+11, GVWT13, GFT+11, HGY17, IKKP17, LSSS18, PHS+18, SSR20, TDM11, WBGB16, WSS18, YWS+11, YNS19]. Faces [L18, BDK+08, KHS03, WMP+06, ZAJ+15, ZSCS04]. Faceshop [PHS+18]. FaceVR [TZS+18]. Facial [BBB+14, FJA+14, LTO+15, MJC+08, TZS+18, BZL+17, BBB+10a, BHH+11, BBN+12, BB14, BBA+07, BWP13, BHP10, CTFP05, CWLZ13, CHZ14, CBZB15, CWW+16, FJS+17, GSH+18, GHP+08, GMP+06, GRG04, GRB+18, HCTW11, KAL+17, LCX09, LCDO10, LWP10, LYYB13, LBB+17b, LKZ+20, LXC+15, MHP+19, MPK09, OLSL16, PTMD07, SSK+11, SWT14, SNF05, TZN+15, VWB+12, WSS+19, WBLP11, XCLT14, YSN+18, ZGBR19]. Factor [BSN16, HA18, LRF13, YBY+13]. Factored [MYRD14, SMPR07, HCV15, KYS+15, LRR04, LCF10, PvBM+06]. Factoring [WWOH08]. factorization [HPK+17, LHKR10, LK02, LSCO03, NSF12]. factorizations [HA18]. factors [HLSO12]. Fair [NGH04]. fairing [CPS13]. Fairy [OKH+16]. Falling [HYL12]. families [CI97, Wim14]. Family [PP93, LKvK+14, NCVMO05]. Far [GM05, YJR17]. fashion [Bae18]. Fast [AFH20, AYL+12, AFO05, APH+14, BODO18, BDS+18, BDT+08, CGM11, CMMK15, CLSA20, CPWAP08, CL09, DE05, DDFP99, DDO2b, GDAB+17a, GDAB+17b, HW16, HK18b, JNBK+12, KEPO5, KWN+17, KP11b, KLY20, LCD+19, LCD+20a, LFH15, LBOK13, LYT+14, MAi92, MSM+17, Nah20, NSCL08, NKGR06, ODJ04, QHY+16, RWW90, SNB07, SS10a, SLJT08, SGG+06, STZ14, SSK+05b, TTWM14, VKJ+17, WPC+14, Wam16, Wei06, WT08, WWYW21, YMRD15, YCR+15, AGDL09, BBB07, BML+14, DLL+18, DFM13, DH06, GSO4, LS07, LWO19, LWL+09, Mir98, OK10, PFHA10, PKHK15, PMA+14, RJ07, SLMB05, SYBF06, STP12, TTT+17, ZBI4, ZYWKO8, TMY+11]. Faster [MPB17a, WV92, LAKL11, MPB17b]. FastLSM [RJ07]. FD [NCC+20]. FDM [FZZ+20]. Feasibility [KL17a, KL17b, LW16]. feasible [RH16]. feathers [CGX95, WGO9]. Feature [CMS95, FKY+10, KIM+19, Lee05, LHY+14, LYP+14, MPK10, NLM12, WY04, XCOJO9, ZWGS02, ZMT05, ZVC+20, dLMH10, CKW+20, CT17, HGC0+12, JDD03, LFB+13, PZ08, TFBW+10, XLY09]. Feature-adaptive [NLM12]. Feature-Aligned [ZVC+20, MPK10, XCOJO9]. Feature-based [Lee05, ZWGS02, ZMT05, dLMH10]. feature-conforming [HGC0+12]. Feature-preserving [FKY+10, JDD03]. Features [HWZ+14, PGP+19, FCOS05, GCO06, RSH+05a, WYL+14, WT08, WTGT10]. Feedback [DNK98, BP12, D99, YL10]. Femto [WVJ+13]. Femto-photography [WVJ+13]. Femtosecond [OKH+16]. FemtoseCONDS [OKH+16]. Fiber [DLL+18]. Fermat [ZG16]. ferrofluids [HHM19, HM20]. fiber [BDCDA11, JMM09, XWM+20]. FiberMesh [NISA07]. Fibers [KMM17, PRM14, MJC+03]. Fibonacci [KISS15]. Fidelity [FBL16, CBZB15, HCTW11, ODGK03, OLSL16, RFWB07, SWT14, WSS18, XCLT14, YSN+18]. Field [CPMS14, DPW15, HGC0+12, HWZ+20, LR15, LTDD16, MUI19, MLS+18, PP94, Pag98, RS14b, STJ+17, SHD+14, VMCS15, ACBC017, BHR13, BGL20, CZ17, CRG+20, CBCG02, CNX+08, COSL98, CR08, CN10, FBC18, FRS08, JGTP17, HWR14,
[XZCOC12], games
[KGBS11, SHK+14, WAH+10], Gamut
[SCB88], GAN [XFTC18], GANs
[GSZ+18, KGS+18], Gap
[YW13, DHL14, HYG+13], gaps [ABO16], Garment
[CLZ+15a, RKS+14, YPA+18], BSK+16, BPS+08, BSBC12, SMD+15,
UKG11, WCPM18, WSH19, garments
[BGK+13, LSGV18], gas [AIH+08], gases
[FOK05], gated [PGV19], gathering
[QSH+15, REG+09, SZLG10], Gauss
[FTP16, LSSW19], Gaussian
[AGDL09, BJ10a, GCH+19, IAF09,
KWN+17, LLR+15, PBW19, ZFWW18], Gaussian-product [PBW19]. Gaussians
[XSD+13], Gaze
[JSSH15, KAW20, KPB+12, TZZ+18,
ATM+17, BMSG09, KKWW0, MSM+17,
PSK+16, PRMG16, WSXC16], WKHA18,
Gaze-Aware [TZZ+18], Gaze-Contingent
[KAW20, ATM+17, KKWW0, MSM+17],
Gaze-Driven [JSSH15], gaze-tracked
[PSK+16], GazeStereo [KDM+16], gems
[GS04], gemstones [GS04], genBRDF
[BFLW14], General
[FMH93, GUPZ20, KKO1, Lev84, LWX+11,
AW11, GSS8, GMG+20, MMT18, NH08,
PBD+10, STXJ15, TLK09, WSP18,
ZHWW12, ZZZC13], General-Purpose
[Lev84], Generalization
[BML82, GNNH15, LD89], Generalized
[BHW16, BK85, BK87, CBvdp10, Lew87,
Pet89, Sai89, SGPT81, SM06, ZYH+15,
AMZ99, CDP+14, GTJS17, JKHS13, TK14,
TXY+17], Generalizing
[IAF09, RTK+15, WPP14], generate
[JBX+20], Generated
[BS88, BS90, BRSB19, MSK10, OHR14,
TL04, YGM97, ZAJ+15], Generating
[BHYW13, GAL+09, HA92, RH16,
WLO+14, ZSSJL20, KSH+16, LDS+11,
MPK09, PGML+19, NCVM005], Generation
[PC82, VW94, VLA15, VW92, YIC+14,
Zyd88, AF02, BDK+16, CSHD03, DK09,
DH06, FH04b, GJTP17, GGG+13, GLY+03,
GASP08, JBP06, JFH+15, KAB+10, LHM09,
LdPS84, LPRM02, LACS08, LKZ+20,
LkK+14, MCC09, RSL16, RCOL09, SP16,
TPSHH13, TS08, TWAD09, WMC11,
YCL+20, Zhu18b, VW95], Generative
[LPX+19, ZYM+20, BPS+19, BMHK+18,
GDG+17, GSH+20, HYZ+18, LXC+17,
MC12, TTR+17, WSH+18, WWL+19,
ZQCL19], generator [PGML+19], generators
[PV06], Generic
[GT17, LSK+06], Genetic
[Sah18, SAMWL11, BLPW14], gentle
[BP08], Genus [CSZ20], Geodesic
[AF20, CSRP10, LFXH17, PHD+10,
RSH81a, LXY+16, PO18, QHY+16,
RSH81b, SC20, VZ+19, WX09, WYH13],
Geodesics [CW13b, SSK+05b, YXLH14],
Geometric [ACP+01, BG89b, Bov84, BR94,
BBGO11, CCK92, DB88, EM90, FH97,
Gol84, Gol85a, KCZ008, KMP07, LPW+06,
Ml87, NNN90, PPV95, SPS+17, TWBO03,
TR98, TQ94, BLTD16, CPSS10, GCO06,
GP08, Gol02, GJWW14, HPSZ11, HB89,
HZK+15, HFG+06, IYAH17, JASR99,
KOY+11, KGL16, LdPS84, LKG+03a, LZ14,
LJGH11, LJO19, MBF02, PCK+08, PKZ04,
PM05, SAZK06, SDG+15, SD89, THW+14,
WFL+15, YNS19, ZHW+06], geometrical
[VAB09], Geometrically
[Sei93, BEB12, JBP06, RvBB+03], geometries
[WDW15], Geometry
[CCK92, CSBC+17a, FGN84, GGH02,
GYX+17a, LMS13, LHO4, OHHH18, PK05,
PLW+07, RVAL09, SRH+15, SGW18,
SRB+19, TLG17a, WBCPS19, WC90,
ZSSJL20, Zhu18b, dGMMDD14, AMD02,
AAM03, ABO16, BB+10a, BW13,
BBB+07, Bou18, BB10b, CLSM15, CK11,
CSBC+17b, DLSCS08, DHOO05, FKY+10,
FW95, FM20, GVWT13, GF12, GMP+06,
GYX+17b, HDA17, HLZ10, KV05, Ka18,
KS04a, LAGP09, LCOLTE07, MGP10,
PKKG03, PMW*08, PDZ*18, PGZ*19, RMBB*13, SR00, SSM15, TLG17b, TEG18, WYZG09, WGP*10, YSN*18, YHZ*14, ZGJ16, dGDM16, WC91].
Geometry-aware [OHHD18, RVAL09, SRB*19, DLSCS08, PGZ*19].
geometry-based [AAM03].
Geometry-guided [PK05].
glacier [AGP*99, glacier [WS99, YNW16, YSJR17, ZCLJ20].
Gigapixel [FKN17, SLV*19, Girth [XWC*16].
GJK [MPB17a, MPB17b], GKS [DFM88].
glaciers [AGP*19].
glare [RAWV08, TAH17].
glass [GGP*20, WGL*19], glasses [FKN17, SLV*13].
Glitch [LSK*06].
glints [YHJ*14].
Global [BVR17a, BR07, C211, CSS96, CLS19, MZ12, PTSZ11, RWG*13, VMKK00, WSHG09, WSH*18, AFO05, BYRN17b, BAERD08, BLDA11, BMW*19, BCW17, CK15, CNR08, DSDD07, DKH*10, DDP99, FLB16, GD04, ISS16, JSDK12, KJDL09, KFB10, LAIDL12, IWC*11, LXY*16, MA06, MZ13, MPZ14, NKG06, OHX*14, RLL*06, RLP*20, SL17, SFWG04, SKC*14, TL04, TMRL14, TPWG02, VAYZ*09, WWZ*09, WS99, YNW16, YSJR17, ZCLJ20].
Global-to-local [WSH*18].
Globally [DNZ*17b, ISS17, KLS03, KCP13, ZLWH16, DNZ*17a].
GlobFit [LWC*11].
Gloss [BOD*13, PFB*20, TDR*12, WAKB09].
Glossy [CSS96, CLS97, RLP*20, DKH*10, HKWB09, IDN12, LKYU12, SM06, WTL06b, WSM11].
glove [GWP*19, WP09b].
Glyph [XZZ18].
Goal [YIC*14].
Goal-Based [YIC*14].
GoLD [BGB*05].
good [BMM*13, LS07, PL14, YLJ18].
google [BBGO11].
GPU [ASA*09, BFGS03, BFK*16, CKIW15, CW17, DKHS14, GWW*18, GBK05, HR05, HG09, HZG08, HZG09, JRS21, JCV09a, KKSS18, KB12, KPM16, KWS*06, LHZ16, LTT*20, LB06, NMLH11, NMLH14, NLMD12, RSSL18, SF09, SJP05, SKB*14, TWL*18, WWZ*09, WHY*13, WY16, WYW12].
GPU-accelerated [CW17, KB12].
GPU-based [CKIW15, GBK05, HR05, TWL*18, WWZ*09, WHY*13, WY16, WYW12].
GPU-decodable [KPM16].
GPU-efficient [NMLH11, NMLH14].
GPUs [BSL*16, BFH*04, CM14, FBH*10, KGB*09, SS1a, SKK*12, ZHX*07, ZHR*09].
GrabCut [RKB04].
Gradient [BPE17, CM21, FLW02, GHV*18, KMA*15, LKL*13, PKCH18, XZY*07, Aga07, ARNL05, BZCC10, GFT*11, GBC*13, HLS*06, KH08, KSH10, KHL*13, LHM09, MRK*14, MKD*16, MP08, MHP*19, SLWS07, XLLJ11, YZX*04].
gradient-based [GBC*13].
Gradient-domain [BPE17, CM21, FLW02, GHV*18, KMA*15, LKL*13, PKCH18, XZY*07, Aga07, ARNL05, BZCC10, GFT*11, GBC*13, HLS*06, KH08, KSH10, KHL*13, LHM09, MRK*14, MKD*16, MP08].
gradients [BFGS03, BBG12, FLB17, MHM*09].
GradientShop [BZCC10].
grading [BSP13].
grained [HS13, KX15, WZ*18].
grains [YSC*18, LPX*19].
grain [LCK*14, SP16, ZZK*20].
grannars [DLC*15, LW08].
GRAMPS [SFB*09].
granular [BDB16, MPH*15, MPG*16, NGL10, YSC*18].
Graph [FH97, KL17a, WSL*19, ACXG09, FSH11b,
Graphs [WP06, ZHWG08, Pav90, WP90, Bea88].

Grasping [Li09, ZZMC13]. GRASS [LXC+17].

Haar [LF08]. Hair [KM17, PCK+08, YSK09, BBN+12, BAC+06, CWW+12, CWW+13a, CLS+15, CSW+16, DBDB11, DJBDDT13, EBGB14, FMB+17, HZW12, HMLL14, HMLL15, JMM09, JGT17, KN02, LHM+18, LRL13, MJC+03, MSW+09, MM06, MW08, PBS04, RZL+10, SPJT10, SHM+18, SFL08, WYZG09, WOQS05, XMR+11, XWW+14, ZCW+17, ZWW+18, ZYWK08, ZRL+09].

Hairstyles [HML+14, PCK+08]. Halftone [CCLM13, KP18, PH15a].

Halftones [Knu87]. Halftoning [GRS93, PQW+08]. Halfway [LLN+14, EBJ+06]. Halide [AMA+19, LGA+18, MAS+16].

Hallucination [KAEE20, GWM+08, SPDF13].

Hamiltonian [LLR+15]. Han [XHH14, XW09].

Hand [WMB19, CWL12, DLKS18, GWP+19, HLW+18, IBP15, JSMH12, SWW+20, SKP08, SKC+14, TBC+16, TPT16, TTR+17, WP09b, WMZ+13, WMB+20, XWSY15, YL12, ZBYX19, ZYQ+14].
High-Dimensional [MEA18, AGDL09, GO12, ZWL18].

High-contrast [CADS09].

High-accuracy [ZSTB10, LCTS05].

High-fidelity [OLSL16, YSN05b].

High-frequency [SXZ20].

High-Level [Van82, HBD14, LRT14].

High-order [SMM14, ZRB13].

High-pass [CCOST05].

Higher [BIW93, ZSM18, LLK20, BJ17, Csé19].

Higher-dimensional [BJ17].

Higher-Order [BIW93, BSEH18, LLK20].

Highlight [TDR12, RRMG10].

Highlighted [KHKR11].

Highlighting [BGD15].

Highly [ATW13, ZBH4, HRE08, IDN12, LYvdPG12, SJLP11].

hinting [Sha03].

histogram [BPC16, DMB14, KS10].

histories [SSTP15].

history [HXM13, HLBVH].

[VK17].

HMDs [OLS16].

Hodge [MMdGD11].

Hodge-optimized [MMdGD11].

holes [BW13].

holoey [BW13].

holodeck [WS99].

Holographic [JBL18, MKG17, OKH16, CTS20, JMB20, LJMJ16, SHL17, TDG18].

holography [PDSH17, PCPW20, RRMG10].

holonomy [BCW17].

home [KDw17, KPB12, YYT11].

Homogeneous [Kan15, FAW19, HJ11b, KSSCO08, TWL05].

Homogenized [SNW20].

Homomorphic [LK02].

Hookean [SDK18].

HOT [MMdGD11].

HSV [SCB87].

huge [BGB05, GM05].

Hull [Day90].

hulls [MPN02].

Human [DKD17a, GRG04, HL14, HXZ19, Hil86, KH17a, LXZ19, SAB12, SLST14, TSLP14, WLZ18, XZC18, AHB15, ACP03, ACOY08, CTMS03, CTTL15, CYT18, Dee05, DWd08, DK99, DKB17, FKI14, FP03, GSCO12, HRZ13, HPP05, HKA18, JWDL19, KE18, KWK09, KCGF14, KPFM17, KLF19, KH17b, LCR02, LPLL19, LCX16, MJC03, MSS17, MCC09, MWT13, NOP18, NZC18, PRWH18, PH06, PMRMB15, RPE05, RSH05, SHP04, SZK15, SKL07, SGdA10, SDO04, TZZ18, TMB14, Van06, VPB18, WC10, WMC11, WMP05, WL16, WXCH15, XLS11, YKH04, YIO15, YM16, ZZMC13, ZFL10, SAP08].

human-assisted [YIO15].

human-centric [KCGF14].

Human-Computer [Hii86].

humanoid [NRH17].

humanoids [HRL15, LPKL14].

humans [EHA12, JSTT10, KE18, MBB17].

Hybrid [CSAP21, EC93, HTCH15, Kla94, MSQ17].

Hybrid-kernel [TTM14, ZB94, HRE17].

Hybridized [HBD02].

Hybridization [FTF18].

hybrids [RHDG10].

hydrodynamics [WAK20].

hydrographic [HZZ15].

hydrology [GGG13].

Hyper [BEH18, KCS14].

hyper-lapse [KCS14].

Hyper-reduced [BEH18].

Hyperbolic [AL16, IYAH17].

Hyperelastic [LBK17a, LBK17b].

Hyperion [BAC18].

hyperlapse [KJT15].

Hyperparameter [TYY19].

Hysperspectral [BCBM15, SS19, BKGK17, CJN17, JBY19, KRD12, LLWD14].
Hypersurfaces [MHS+19a].

I-cloth [TWL+18]. ICON [HZvK+15].

Icons [HH90, BL15, LRFN04]. ICP [Rus19].

ideal [WDW+15]. identification [XSZ+16, ZWZ+16]. identifying [DFL+15].

identity [NBLCO20, YCL+20]. IGT [GP08]. II [Gol85a]. iLamps [RvBB+08].

II [Gol85b]. illuminate [RGK+14]. illuminate-invariant [CGZ08].

illuminate [KST08, LEQ]. illumination-invariant [ZIH+11, ASP07, ACCO05, GAGH14, KBNB12, KYLY08, KST08, LEQ07, ONO04]. illuminating [GRG04, LRA07]. illuminating [IM+10].

illuminant [MMY+10]. Illustration [ZIH+11, ASP07, ACCO05, GAGH14, KBNB12, KYLY08, KST08, LEQ07, ONO04]. Illustrations [GRG04, LRA07]. IM [Kim18].

ILLUMINANTS [MMY+10]. Illustration [ZIH+11, ASP07, ACCO05, GAGH14, KBNB12, KYLY08, KST08, LEQ07, ONO04]. Illustrations [GRG04, LRA07]. IM [Kim18].

IM-material [Kim18]. IM6D [HMT+15].

Image [AASP17b, BIP01, BLR11].

BBPA15, BNBI3, CAA10, CLC96, CZL+14, DSB+12, DCD15, DBP+15, FYW+18, Fat07, FF11, GGY18, HCGC17, HM92, HKAK14, HXM+18, JKSZ10, KRFB06, KLS+13, LGK+03a, LFDF07, LW15, LLL+14, LT00, LCL+17, LZH+20, LNLB16, LCD06, MPN+02, MZMV07, PC82, QTZ+06, RDL+15, RO85, RO87, RNJ16, SMW06, SKG+12, SYJS05, SLWS07, TZW+07, TOS+03, VBK05, XF+08, XZ+09, XK07, XLXJ11, YTS+11, YPA+18, YSQS07, Zhu18a, vW02, AASP17a, AS07, AMMS08, BGKS17, BSFG09, BC02, BSP+19, BMSR20, BZCC10, BHY15, BKR17, BPB13, BA83, CHM+12, CWW+16, CSW+16, CKS+17, CSDH13, CPD07, CTW09, CTT+09, CZZ+10, CGZ08, CSDH03, CSRP10, DMIF15, DAD+18, DCP14a, DZP09, DTPG11, DCOY03, EKD+17, FH07, FHL+09, FFL10, FAR07, Fat08, FCA09, FLB17, FRS19, GSY+17, GO11, GO17, GCB+17, GRBN09, GMW16, HSGL11, HSI+12].

Image-driven [LT00]. Image-guided
Immersed [BLR+11, XK07]. image-noise [CTW09]. Image-space [DCD15, RJN16, Wym05]. image/video [SLJT08]. Imagery [MRC+86, MGDA+15, HH10, KH10, KCSC10, NAB+15, SSJ+11]. Images [DRC+15, LR09, SB95, SS19, SCB88, TLGl7a, WS17a, ZLW+16, AM10, BBS14b, Bou18, BPD09,CAA09, CWW+13a, CWC11, CLQW08, CZG+11, CHM+10, DSB+12, DER+10, DTPG12, DD02b, FKY+10, GLD+19, GGH02, GSLM+08, HCS13, HCE03, HC04, HDC07, HZZ11, IKCM13, JMAK10, KE18, KH08, KSH10, KP18, KUCD07,LBLP+12, LSA05, LSQ+15, LYT+14, LSS+19, MCL+09, MPK09, MNBN07, NFL12, ODAO15, OTS06, OBW+08, OG15, PBS04, RSSF02, SDIN18, STZ+16, STXJ15, SHZ+20, TLGl7b, TEG18, TD16, TAH+04, THG99, TT00, WWOH08, WS1+16, WAM02, WS1b, XLX+16, XBS+19, ZCC+12, ZFL+10, ZTF+18, LR91].

ImageSpirit [CZL+14]. Imageworks [KCSG18]. Imaging [DMZ+17, GNHM15, GVNB18, HOZ+19, KZSR16, LCD+19, ABW+17, BGK16, BKGI7, CHWH17, CKW+20, FrI16, GKH12, HSC+16, HRR+13, HHHG13, HHHW15, IGP+17, ITM+14, JBY+19, KR17, Kan15, KRD+12, KN06, Lee18, LCV+04, LLD14, LOW18, LWO19, MRK+13, MHH+17, NZV+11, Par17, PKHK15, PH15b, RLF+04, RRFG17, SHHW16, SDP+18, SRL+15, TAH10, WZK+17, WMB19, WJW+05, WW13, XIA17, ZJMB11].

Imagining [SMZ+14]. iMapper [MGC+19]. immersed [GAB20]. immersive [LB18, HFI+08]. Immiscible [GWN+03, HCW15, LNW03]. impact [KLF+19, SKV+12, SN17, VSK+17, WSJP17]. impactful [KLF+19].

Imperceptible [KOOP11, SMG+20, LSL+18, MWH+09]. Imperfect [RGK+08, SPGT18]. Implementation [Day90, Mai92, KW03]. Implemented [LS00]. Implicit [BIW93, BGI+18, BRB+19, CSAP21, DSD07, KSNG17, PGP+19, Rac89, Tau94, VBG+13, ATW+17, BMSR20, CH89, DBD16, FLGJ19, GHB+20, GMP09, GBC+13, HCJ19, HGMRT20, LT09, LDN+18, LTT+20, MASS15, OBS04, PICT15, PV06, SSGS11, SOS04, SS11, TO02, WG09, YY12b].

Implicitization [Hob91]. Implicitizing [SG17]. implicit [OBA+03]. Importance [CSS96, MMR+19, SLGS01, WZC+20, ARBJ03, CJAMJ05, GKH+13, KVG+19, LRR04, ODJ04]. Importance-Based [SLGS01]. imposed [Fat07]. impossible [WFY+10]. impostor [DOH00].

Improper [ACC90]. Improve [MGDA+15, VMK00]. Improved [LR09, LR91, MRK+14, RSA08, WHG84, CZJ12, SMG+20, TDR+12, WSJ17]. Improvements [DKHS14]. improves [CLS+17]. Improving [DDD+14, MBB17a, MBB17b, Per02, WLM+15, XW09, ZF03, SVB+12, XADR12].


Incompressible [BGI+18, AIA+12, LZF10, SAL+08, SP09, WHK17, XCV+20, dGWH+15]. inconsistent [DSB+12, KOF13, OF12]. Incorporating [LNW03]. Incremental [Fie85, LFS+92, MZ12, TWL+18, WM03, WSS18]. Incrementor [Res87].

Independent [PBCF93, AMMS08, BHHM20, EML+18, LB05, NOP+18, SXD+12, YM16]. Index [Ano85a, Ano90b, Ano92a, Ano93, Ano94, Ano95, Ano96]. Indexing [ZWK14].

indirect [HPB06, LALD12, MWRD13, RGK+08]. individualization [YI17]. Indoor [ZXTZ15, CLW+14, CXY+15, FCW+17,
GSY17, KMYG12, MLZ16, MDK16, NXS12, SXZ12, WSCR18, WLW19, XZY17, ZCC16, LPX19]. induced
[CSrRV18, FXBH16, KBC13, LSL18].
induction [YHL18]. inertia [BWBSH14].
inertial [HKA18, JKZS10]. Inexact
[YLY18]. inextensible [GHF07].
Inference [KSH14, MHP19, YSN18].
Inferring [GJB17, NFH19, SPW19].
Infinite
[WHK17, NM16, SPW18, VSDL13].
Infiltration [STK14]. Inflorescences
[IOOI05, OCH17]. Inflatable
[HKA18, JTPSH15, LG18, PSNB13, WWSR03, FHL19].
Inflatable
[WML18]. InfroStructs
[WW13]. Inhomogeneous
[Ste20, KMOD09, YIC10]. Injective
[AL13, RPPSH17a, CW17, FLG15, RPPSH17b, WZ14].
Ink
[SKC14, AAMSB20, CT05, KNBH12, PCK19, SBK18]. Ink-and-ray
[SKC14].
inlining [SSI18b]. input
[GMP16, IBP15, JPG14, NM16, RP09].
inputs [WFH10]. Insertion
[Joe90a, MFR10, CAR09, JMD17].
inside-out [HRDB16]. inside-outside
[JKSH13]. Insitu [PKM11].
Inspired
[HL14, YPA18, CYFW14, DZS08, KGBS11, KS12, WTGT10, XZZ11]. inspiring
[XZCOC12]. Instant [HK18a, JTPSH15, NG18, PSNB13, WWSR03, FHL09].
Instantiating
[WLW19]. instantaneous
[SSBD03]. instructions
[APH03, SLR16]. instrument
[UPS16]. instruments
[AR15]. Integral
[BE13, FBC18, Kla91b, Kla94, MCI83, PK83, AAMSB20, BK09, VF96].
Integer-grid [BE13]. Integer-only
[FBC18]. Integrable [DVPSH15]. integral
[FD17, MGJ19, SM06]. Integrals
[SBN15, LHZJ20, NRH04, SR09].
Integrated [BDI02]. Integrating
[BXH18]. Integration
[FO10, Özt16, WL17, AKJ08, BJ05, DNZ17a, HZ13, PSC15, SK13].
Integrator
[CSAP21, KNSG17, LGL19, MLT17].
Integrators
[DLK18, BOFN18, KCD09, LTT10, MSW14, MCP09]. Intelligently
[LNL16]. intended [LRS18]. intensity
[ME05]. Inter
[SAPH04, MCKS17, YSQS08]. inter-scale
[YSQS08]. Inter-surface
[SAPH04, MCKS17]. interacting
[LSSF06, MDB19, RBV04, TTT17].
Interaction
[Hil86, HZvK15, KP06, Ols86, PKH17a, SB93, SKSY08, ZWK14, CB04, FKI14, GBW05, HGR04, HLRH09, HMT15, MWH09, MGC19, PLR16, PKH17b, SCH16, TREO16]. interaction-aware
[PLR16]. interaction-guided
[MGC19].
InteractionFusion
[ZBYX19].
Interactions
[PM18, BDWR12, CWSO13, FMB17, FBGZ18, HMO12, HkW16, KPH18, WMB17, WLO14, ZBYX19].
Interactive
[AD03, ADA04, AAPS16, AAPS17, AVB08, AMD02, ACSM12, AF02, BAS14, BIP01, BSG12, BBO91, BCC17, BIP01, BSG12, BBO91, BCC17, BIP01, BSG12, BBO91, BCC17, BIP01, BSG12, BBO91, BCC17, BIP01, BSG12, BBO91, BCC17]. interaction-aware
[PLR16]. interaction-guided
[MGC19].
InteractionFusion
[ZBYX19].
YCYW20, YKGA17a, YKGA17b, ZB13, ZCC+12, dSAR08, AR15, BCT15, BWG03, BBP10, BAERD08, BDI+02, GZB+05, CK14b, CZZ14, CRG+20, CTW09, CÖS19.

**interactive**

[DSSD07, DKP11, DE05, DTPG11, DPFO3, EVC+15, FNvD82, GM05, HSH20, HZW+13, HHN+02, IIM12, IOIT05, JYL09, JP03, JF03, JX96, JMY+07, JRT+15, KTL+04, KYC+17, LWB+10, LACSO8, LTT+20, MTP+15, MWR12, MWRD13, MCS15, MI07, NAI+18, NSZ+10, NHAH03, OHH+11, PMOR10, PPZ+11, PTG02, PSK+12, RKK+07, RMD04, RLP+20, RKB04, SMM14, SXZ+12, SHL+17, SLD17, SSS+18b, SPGI13, TWC+18, TBC+16, UBW99, UKGI11, UKSI4, UPSW16, UB18, VGB+14, WLT05, WAC07, WWZ+09, WSZ+14, WS99, WT07b, WDR11, WZL+05, YML+16, YM+13, YHZ+14, ZGB+04, ZHR+09, ZLE14, ZPKG02, vdhDT+07, LCXSO9].

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

**interruption** [YLNP12].

**Interchange** [KP92].

**Interchangeable** [DYY16].

**intercluster** [Xia97].

**interest** [ZK13].

**Interface** [BL18, FOh86a, FOh86b, FOh86c, HC86, Hud94, Rv9E93, RO94, BJS+08, DK99, FQL+20, FH04b, GCR13, HK10a, IWZL09, KP09, KP10, MB12, NSAC05, Ols84, PTG02, Po110, TBvD04].

**Interfaces** [Bar86, BD86, JAC86, SG91, ANo03, LRFN04, SH08].

**Interference**

[HPSZ11, RV89, KWB+13, MMH+17].

**Interference-aware** [HPSZ11].

**interferometry** [GLDZ15].

**interior** [MSL+11].

**interleaved** [JGGN15].

**Interleaving** [TWAD09].

**Interlinked** [GPB+19].

**interlocking** [FSY+15, SCGT15, SFCO12, SFJ+17, WSP18].

**internal** [MTB+13, ON0104].

**Internet** [CC+09, CSG+11, HZZ11, MBGS15, STZ+16].

**interplay** [CMT04].

**interpolant** [Jam20].

**interpolants** [BDT99].

**interpolate** [TO02].

**interpolated** [SH07].

**Interpolating** [FG90, SOS04, Yku20, LYLL08, RP09].

**Interpolation**

[BI92, BIF93, BF01, CK20, DLG90, Fie85, Fol87, JW15, Pet89, RY92, SDN18, VTMSS15, WX91, BT19, BMSR20, BBvPP11, CJKB17, CCW16, CS+19, FZL+15, GTJS17, GAF+10, MMB+09, Mal89, KE18, RPK97a, RSM10b, SV19, VW97, VDK05, WG10, YSW+17, ZZ11].

**Interpolations** [Thu17a, Thu17b].

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

**interpretation** [CKX+08].

**Interpreting** [SLZ+13].

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

**Intersecting**

[CCW99, CS95, MD94, LB18].

**Intersection**

[AC90, CGM91, KM97, MST89, Mil87, NY94, LFS+20, NPP+11, SHH99, VMT06, WFP12, Bak94].

**intersection-and**

[LFS+20].

**Intersections**

[FSO89, MD94, SJ94].

**intervals** [ZS00].

**interview** [BLA12].

**intra** [YSQ08].

**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, LBP13, HK10a, IWZL09, KP09, KP10, MB12, NSAC05, Ols84, PTG02, Po110, TBvD04].

**Intuitive**

[BL18, LC15, BK04, GCR13, SGM+16].

**Invariant**

[NY94, BHR13, BBGO11, CGZ08, KPM+17, LSC+08, LSLCO05, MTP12, MWTK13, PR97a].

**Inverse**

[BJNJ18, DSP06, DJBDDT13, GDAB17, GDAB17b, GMB+16, HMLB16, HXM+13, LJJ14, LBAD+06, LCB+18, VGDA+12, WHZ+08, WDR13, WYD+14, ZB94, WBS10, CXX14, DJBDDT10, DIO+12, GLD+19, GDAB+17b, GP08, GITH14, GMHP04, KE18, LP10, LHP05, LCX+16, STH+07, SZGP05, WPP14].

**Inverse-Foley** [LJ14].

**InverseCSG**
MGAK03. Language-driven [MPF+18].
Languages [BK16, YPB16]. Laplacian
[APH+14, CSK18, DLF12, JCW09a, KFS13, LSR18, PHK11, ZHS+05]. Laplacians
[AW11, FW12]. Lapped [TOI08]. lapse
[BM07, KCS14, LEN09, MBGS15, SMPR07, TDSG15]. Large [GNS+12, KABL15, LZX19, SM17a, SJLP11, ZHS+05, BZ11, BWH07, BZL+15, CB04, DFZ+17, EDF+16, FAW19, GB13, HSG13, HWG14, HLM19, HGMRT20, IGLF06, JP03, KGG+20, KO8, KFWM17, KLM+13, KSKL14, KPZK17, KG04, LGL+19, LFS+20, MRA+13, OAH11, PRFS18, RNGF03, SMM14, SM17b, SWL11, SDW+16, SZL10, WFDH18, WJ+05, YMR+13].
large-deformation [BZ11, LFS+20].
Large-Scale [LZX19, GNS+12, KABL15, SJLP11, DFZ+17, FAW19, GB13, HMG19, JP03, KGG+20, KFWM17, KSKL14, KPZK17, KG04, LGL+19, LFS+20, MRA+13, OAH11, PRFS18, RNGF03, SMM14, SM17b, SWL11, SDW+16, SZL10, WFDH18, WJ+05, YMR+13].
Learned [CTS+20, CWK+20, HKPP20, SZD+20, CCWL18, KLY20, VKJ19, XKF+18, ZZI+17]. Learning [AWL+19, AMA+19, BLDL21, BB15, CK14a, CYT+18, FKI+14, FTP03, GSY+17, GTB15, GJWW15, HFV+19, HtKW+16, HLV+17c, HKC+18, HWZ+20, KWR16, KHS10, KNBH12, KAL18, KLM+13, LP10, LBB+17b, LXR+18, LZX19, LHP05, LVY16, LH17a, LH17b, LH18, LZH+17, RSH+05a, Rit18, SSII16, TGLT14, UB18, VVC+15, WZF+18, WCPM18, WSL+19, XDF+19, YGH+17, YTL18, ZYL+20, BDI+02, CHP07, FYW+18, GCB+17, HGY17, HRF+18, HS16, HXC+20, HKA+18, ISS16, JW+20, JBX+20, KBS15, KAL+17, LLL18, LWW17, LGA+18, LLGRK20, LSS+19, LKS15, LSCC20, MTP+18, NZC+18, PZM13, PBvdP15, PBvdP16, PBY17, PALvdP18, PKM+18, SBH16, SCH+16, SHZ+20, SZKZ20, SSS17, TKy+17, VKS+14, WKZ+17, WLY20, WPL18, WSS18, XZZ+14, ZTF+18].
Learning-Based
[LZX19, KWR16, WZK+17]. Least
[BIW93, DMZ+17, LPRM02, LHZ+20, CLC+20, FCOS05, HFG+18, SMW06, WJL+20]. Least-Squares
[BIW93, FCOS05]. leaves [WWD+05].
lecture [SBL15]. legacy
[KHFH11, RTS+07]. Legible [ZCR+16].
LEGO [LYH+15].
Legologization [LYH+15].
legs [GPD+18]. length [HRvdP04]. Lens
[PC82, HESL11, LES10, PNH+12]. lenses
[GRBN09, HRH+13, RAWV08]. Lensing
[DGH16]. Lenslet [LR15]. lentil
[THKM13]. leopard [DFW20]. less
[RRC+16]. Let [ISS16]. Level
[Aca07, CH14, ECBK14, MBWB02, Van82, YCL+15, BHY15, CKIW15, CLMMO14, DE05, FKY+10, FPBCO20, HPTF15, HBD+14, HNB+06, KJM08, Kim10, KCSC10, LRT+14, LWS+18, Lee18, LWS02,
[FBGZ18]. liquid-hair [FMB+17]. liquids
[AGL+17, CMSA20, CWSO13, CPPK07, DHB+16, GB13, HGMRT20, KySK09, LBB17a, LSSF06, MYH+10, NNC+20, RWTT14]. List [TOP03]. listen [EML+18]. listeners [CRG+20]. lists [CSN+12]. Live
[MZRT16, DWT+02, KDMW17]. live-action [DWT+02]. live-streaming
[KDMW17]. LiveCap [HXZ+19]. lization
[MPK09]. Lloyd [BSD09]. lobes [LPC+11].

Local
[APH+14, BB83, BBS14a, GSV+14, HKC+18, Kal14, Les20, MP09a, MSOC+19, MCY14, PHK11, Pet89, SLS05, SZKZ20, WGY+18, ZDL+14, ASC+14, CDSHD13, CH89, Coh87, DKH+10, DMIF15, FF11, FLGS14, GGY18, HZ13, ISSI16, KS10, KAMJ05, LFUS06, MRH+16, RKC12, SFC+04, SL17, SSD09b, TMML14, VMGM15, WHSG97, WSH+18, WRK+10, WBGB16, YSW+17, ZSW+10]. locality [SNB07]. Localized [HDA17]. WLZ+21, BWSS09, NVW+13, PHT+13.

Locally
[BSB16, Pot91, RPPSH17a, SW18, Sze06, TIABI07, WZ14, BSB17, CW17, FLG15, 
ISSI17, MSRB07, RPPSH17b, YYW+12a]. located [KKB+11]. Locating
[HLV+17a, HLV+17b]. location
[EKA84, UMK17]. Locking [FAER21].

Locking-Proof [FAER21]. Locomotion
[CKJ+11, KL17a, LPPK14, Aadv16, CLS03, GvdPvdS13, KL17b, KL20, LWB+10, 
LLK+15, LLKP11, LSSC20, MdLH10, PBvdP16, PBYV17, TTL12, WP09a, WPP14, WHDK12, cWP10, YLvdP07, YTL18, dSAP08, dLMH10]. LOD
[VLA15, WWH04]. Logarithmic [LGQ+08].

long [AAC+06]. Look [CLC14, BPD06, DSG+12, Lai18, WKHA18, ZMN+19].

look-ahead [ZMN+19]. Looking
[EML+18, Fol91, RPC+10]. LookinGood
[MBPY+18]. loop
[CTS+20, HGG+11, PCPW20]. looping
[LJH13b]. Loops

[HLSH18, CBK12, DLSCS08, LFH15, She13]. Lorenz [FCJ07]. Lorenz-Mie [FCJ07]. loss
[VRM+18]. Lossless
[YGM97, GD02, PK05]. loud [DZS08]. Low
[APC+16, HHGH13, Lee18, MCE+17, ME05, WS17a, APL14, CH05, CLW+14, GHK+13, HSG+16, KLS03, KO11, LHKR10, LWH+12, MSRB07, MdLH10, MK16, Pu06, SHP04, SKS02, WS17b, YTL18]. Low-budget
[HHGH13]. Low-complexity [ME05].

Low-cost [MCE+17]. low-dimensional
[CH05, LWH+12, MdLH10, SHP04]. Low-discrepancy [APC+16].

Low-Dynamic [WS17a, WS17b]. low-energy [YTL18]. low-frequency
[SKS02]. Low-level [Lee18]. low-light
[LHKR10, MK16]. Lower
[KM97, SJ94, MWTK13].

Lower-Dimensional [KM97]. Lpices
[PVL+05]. LR [GLLR11]. Luna [Nah20].

Luminaires [VADWG15]. Luminance
[CAD19, MC92, TAKW+19, DRE+12, KWK09, MKRH11, SCT+15].

Luminance-aware [CAD19]. Luminance-contrast-aware
[TAKW+19, DRE+12].

Machinability [CCW93]. Machine
[NAH+18, KBS15, MAN+16, NWYM19, SARW+15]. Machines [CCW93]. macros
[BLDA11]. Made
[Pet95, FCODS08, LMS13, MZL+09, MMBM15, SFG+13, SSJ+11, TSG+14].

Magic [CXY+15, PHN+12]. magnetic
[HMT+15, KPH18, NZWC20, PLMR17, WMB19]. Magnetization [KPH18].

Magnets [TGPS08]. Magnification [CM21, LTF+05, WDW+15, WRS+12, ZTF+18].

maintain [HK12]. Maintained [voV96].

Maintaining [RO94]. majorization
[SPSH+17]. Make [PWLSH13, YYT+11].

MakeltTalk [ZHS+20]. makes [DSG+12].
Making [MS04, XLF+11, BSW02]. man [FCODS08, LMS13, MZL+09, MMBM15].
man-made [FCODS08, LMS13, MZL+09, MMBM15]. management [BPD06, LDS02, Ols84].
Manga [QWH06, CCL12, CLC14, LLW17, QPWH08, XLLW20]. Manifold [CZZT12, D892, DWT+10, JMI2, LXY+16, CK14a, MASS15, RRS19, YZ04].
manifold-based [YZ04]. Manifolds [NRS15, WLY+16, CBK12, GO12, HP04, LVS+16, Man86, ÖAG10, WTL+06a].
manipulate [ZYL+20]. Manipulating [KAEE20, Res87]. Manipulation [AASP17b, Jac86, KOF14, vOV96, AASP17a, BSL12, BŚ+19, BLDA11, CAA10, CWW+12, CWW+13a, DCD15, FFLS08, FSGF16, GSMCO09, GAL+09, GSG2, GSG5, IH03, IMH05, IM10, KOF13, KSES14, KLF12, KSSL14, LYP+18, LLZM10, LORL07, LLH04, Liu09, OF12, SNM+13, SILN11, SMG+20, SSP07, VBBF16, WMZ+13, XXY+09, YKH04, YZX+04, YJHS12, ZCC+12, ZHX+07].
manycore [KGB+09]. Map [ROA+13, ASP07, HSRG07, HWG14, LSA+16, NFA+15, RH02, ZG04, ZK14].
Map-based [ROA+13, ZG04]. Mapped [KH17a, KH17b, WZYR19, YHJ+14]. Mapping [Lip18, SW18, SCB88, SWK16, TB87, WC21, ASC+14, BKR17, CS00, CBCG02, DHI+13, EMU15, EKM17, GP09, HOJ08, HJ09, HSST10, KD13a, KISS15, KJDL09, KO11, KZ11, LHW+10, LCTS05, LW16, LLZ+20, Lip12, MCKS+17, MDK08, MAF+09, MWI18, MG+19, MM06, NL13, NBLCO20, PSNB13, POC05, PTH+17, QZG+19, RTS+07, SAPH04, SHHD17, SiS02, SXT+15, SCA02, SXC+12, TT09, WWT+03, YZWH12, ZMT05].
Mappings [BJNJ18, DFYL19, RPPSH17a, AL13, APL14, APL15, CW15, DFZ+17, FLG15, FL16, KSS06, KAB15, PL14, RPPSH17b]. Maps [ESBC19, HJS+14, RLU95, Ros20, Shn92, THCM04, ARBJ03, BCW09, BCE+13, CSZ16, CZ17, CKPS17, DK09, FFL10, Fat09h, FG11, GAS08, HSB+12, HZG+12, HLW+19, JSP17, KLF11, KAB+10, KS03, LSO07, LPRM02, LGQ+08, MJC+08, CMC00, NG18, OBCS+12, PRP+15, PBFJ05, RPWO18, RMOW20, RGK+08, ROLO9, SCH+14, SGW06, SCH03, SD02, Tar16, TWBO03, WSJP17, WDB+08, WG10, vW09].
Matching [BBB+93, BBB10b, KSZ+15, LYP+14, MOR+18, BTFN+08, DML17, GCO06, HKPP20, HFG+06, KFR04, MHTG05, RJ07, ST04, STZ+16, SMG11, TFBW+10, WLL+14, WY04]. Matchmaker [KSG03]. Material [BBPA15, JTRS12, KWP17, LL11, XLCB15, YSB+15, CRA11, CLSM15, CXY+15, CPWAP08, DBD16, DTG11, DJ18b, FLGJ19, FQL+20, GTJS17, GWW+18, GZB+13, GHF+18, HFG+18, KP10, KRFBO6, Kim18, KFB10, LMS+19, LBAD+06, LHdG+14, MIWI16, MIII18, SGB+16, SLH+20, SARM+15, SSC+13, VL07, VWRK13, WQS+20, WFL+19, WDR11, WDR13, XSB15, YCL+17, ZAJ+15, ZFW+18]. Material-minimizing [KPWP17]. MaterialGAN [GSH+20]. Materials [BAU15, HM92, LBKI17a, RT09, AWL15, ATDP11, BEl18, BBO+10, DI11, DBD16, DJ05, GTJS17, GMM+20, HFM+10, HR13, IDN12, JAM+10, JDJM14, JAG18, JBO2, KMOD09, KCD+16, LBK17b, LMPB+13, MTGG11, MPH+15, NGL10, PRJ+13, PRFS18, PL07, RGB16, SMCT18, SSJ+14, Ter18, TWL+05, WTL+06a, WZT+08a, WZBI17, YAV+20, ZYL+20]. mathematical [LZ04]. MathPad [LZ04]. Matrices [Gol85a, YCP16, KFS13, WWS+05]. Matrix [HP07, BFGS03, HWJ+15, HWW+16, LTT+20, OP11]. matte [BCN08]. Matting [YTBK11, CAC+02, CGC+03, JMA06, LL11, MMP+05, SJS04, SLKS06, WAC07, WTBS07a]. maximal [EDP+11, YW13]. maximization [ZXJ+13]. maximum [ME05, Xia97, YSW+17]. maze [XK07]. MC using [YYW+12a, ZD20]. MDE [LY+16]. Me [WZC+20, MBBI2, YRF09]. Mean [HFO6, JSW05, TMB18, LJIH13a, PCL+12]. means [ABJN85, RKLZ12, Zit13]. measure [GAGH14, GvdBL+12, LMS+19]. Measured [DWMG15, ATDP11, PL07, STPP09, SJR18]. Measurement [DDTP15, BBO91, JKZS10, WOR11, WMP+06, YTJR15]. Measurement-based [DDTP15, WMP+06]. measurements [CHM+12, HKA+18]. measures [MIWB02]. Measuring [HP03, MWAM05, KRD+12, PRWH+18, PPZ+11]. Mechanical [SMCT18, CLM+13, CTN+13, KLY+14, MSS+19, MYY+10, TZCT20, XBZN19, ZKB17, XZS+12]. mechanics [AVG12, HVS+09, WCL+20]. mechanism [XLX+16]. mechanisms [HFF18, MZB+17, ZAC+17]. Media [Ste20, BAGL19, BGL20, BRM+18, Fat09b, FCJ07, GCH+19, HED05, HWW+16, JDZJ08, LBD13, MPB+16, NIDJ2, JSI14, RSA09, WZHB09, YIC+10, YSC+18, ZWDR16]. Medial [LLF+20, LWS+15, BO04, HWCO+13, YSC+16, YLJ18]. medial-axis [BO04]. median [Wei06]. Megapixel [WFDH18]. melanin [TOS+03]. melding [DSB+12]. memex [JTRS12]. memory [BAM13]. Menu [Obs86]. merge [WTGT09]. MergeTree [VKJ+17]. merging [CBK20, DP13, FBH+10, GKS12]. Mesh [ACP+01, BYG96, ERL18, GZC15, HS13, JTCW07, LV07, SK16, SZT+07, SLMR14, SZG05, TGBE16, ULP+15, WL16, YZX+04, YKH10, ZHW+06, ZGJ16, ACXG09, ATC+08, ABMOC17, BAS14, BCG05, CGF09, CLA20, CPMS14, DBG14, DSSC08, DKP11, DTP15, EBCK13, FDC003, GDC15, GJTP17, GPC13, GSF+14, GF08, HSH20, HSL+06, JT05, JDD03, KHS01, KT03, KG05, KBZ15, LT20, LHM09, LDS+16, LD14, LdPS84, LIXW+11, LFJG17, LSITV15, LBK16, LWW+20, MBF04, NSAC05, NGH04, PK05, SNCH08, SHR+18, SYB06, TPS+11, TWGT10, TWAD09, VMW15, VBMP08, WZHB09, Wam16, XSY+07, YHL18, YLPM05, ZZWC12, ZJ12, ZHS+05]. Mesh-Based [Erl18, SZGP05, DBG14, TWGT10]. MeshCNN [HFF+19]. Meshed [CH02, Wm92]. Meshes
[SdS02]. minimizers [LZ14]. minimizing [HP04, HKX+19, KPWP17, MCSK+17, WJZL08, Xia97], mining [MBGS15].


Modal-space [JL11b]. Mode [ZSKS18, WJ19]. Mode-adaptive [ZSKS18]. Model [BSN16, CAD19, CT82, DK99, EHSN20, FW16, FHK14, GHCG17, Hud94, LMH+15, PC62, RLY+14, Sar00, TLP06, TGZ18, WLZ+21, WBG+16, XLCB15, ARS14, BBGB16, BWSK12, CAJ09, CH07, CZZ14, CZ11, CPS810, CLD+13, CHB+12, DII1, DF88, DDSD03, Dec05, DRE+11, DRE+12, DWD+08, DLR+09, ELFS16, EML+18, Fat11, FMB+17, FBGZ18, FD17, GWM+08, GMP+06, GSH+20, HHF16, HP17, HW12, HOM15, ISN+20, JSB+10, KCCK12, KDR+16, KJ09, KNC+08, LWS02, LBB+17b, LHM+18, LMR+15, MPBM03, MMO8, MC12, MGZJ20, NSS+19, PLR+16, PMRMB15, RGB16, RHHL02, SBDJ13, SLF08, SFB+09, SRNO05, TOH08, TTR+17, TS12, UKSI14, Van06, VMGM15, VKJ19, WSH+16, WSJP17, WSH+18, WMP+06, WRGB16, XWM+20, XZZ+11, XY13, YSJR17, YJR17, YSW+20, YCL+15, YL10]. Model-based [WBG+16, KNC+08].


Modeling [AM99, BCX95, BCV+15, BR94, BSE18, CXGS02, CFW13, CKBM15, FKS+04, GLL+16, GJB+20, HM92, HXT+18, Iza18, KWK09, Kla87, LBJK09, LDS+11, LDPT17, MTB+13, NY94, OCH+16, PBCF93, RHSH18a, Ree83, RFL+05, TDM+14, TML+05, TB87, WZT+08b, WZT+08a, WMB21, WQOS05, WYY+10, ZWW+18, ZYM+20, AAL16, AZB09, AGP+20, ASF+13, BAS14, BB17, BHMK+18, BBO+09, BWS10, BJ+12, BK04, BWP13, BRB+19, CWW+12, CLS+15, CSW+16, CK10, CKGK11, CEW+08, CNX+08, CLW+14, CZL+15a, DP13, DJBBDT13, DZSO8, DTPG11, DSC+20, EBJ+06, FSL+15, GHP+08, GIZ09, GRB+18, GARK13, GTR+06, GCH+19, HG1Y17, HPSZ11, HSTP11, HM03, HMLL15, IKKP17, IIOI05, IYYI14, JTC09, JGGN15, KBD07, KW11, KMP07, KNY2, KYC+17, KYH+13, LF02, LRAT08, LX09, Lee05, LT06, LST09, LT09, LPL+17, LPL+18, LPBM20, LPW+06, MHS+18, MWAM05, MPH+15, MWH+06, MZMV07, NKA08].

modeling [NFD07, NFJ02, OBH02, ODIA015, PPZ+11, PCL+12, PH08, PPKG03, PKJ04, PLKD18, QTZ+06, RS98, RMG15, RDL10, RTB17, SIZK15, SSSP15, SM15, SXZ+12, SLR+16, SS10+04, SSS+08, SSK+17, TAV+10, TSN10, TGY+09, TLL+11, TZW+07, TFX+08, TS08, TPT16, TMB14, UKIG11, VBG+13, VABW09, VBM05, VBP+18, WTL+06a, WZT+09, WOR11, WYY+15, WMB19, WYL+20, WC10, WOD09, cWP03, WYD+14, WWT+19, XFT+08, XZF+09, XG07, XZZ+11, XLX+16, YTJ15, YCYW20, YKJM12, ZSS104, ZCW+17, ZQCL19, ZXS+12]. modelless [MW118].

Modelling
SJMP10, XZJ+12, ASL+17, FFLS08, FMB+17, FBGZ18, MHS+19b, VSLD13.
Multi-Source [SM17a, SM17b].
Multi-species [TGK+17]. multi-touch [RP09]. Multi-View
[HNH19, HHC18, PGZ+19, Kou16, LTJ18, NMD+17, NOP+18, ODAO15, VBMP08, VPB+09b, XLS+16, XLX+16, dAST+08].
multi-viewpoint [AAC+06]. Multibody
[MHTN15, PAK+19, Eri07, KSJP08, LT08, TJ07]. multicopter [DSZ+16].
Multidimensional [HJJW+08, HH90, RO85, RO87, WABG06, GM09]. MultiFab
[SARW+15]. MultiFLIP [BB12].
multifocal [CKS18, MSM+17]. Multigrid
[KS11, BFGS03, KH08, SYBF06, SBZ09, TJM15, ZSTB10]. multilayer
[HBLM11, HLBR12, WLHR12, YJB+14]. multilegged [KV20]. multilevel
[GPCP13, KS11]. multilinear
[TS12, VT04, VBPP05]. Multimaterial
[DBG14]. multimodal [WCPM18].
multipath [KWB+13, MHM+17].
Multiphase [YJL+16, CLC+20, YYW12b]. multiplane [ZTF+18]. Multiple
[EP091, HHdD16, HC86, Joe89, KF93, LSSF06, NID20, RLY+14, XH18, AWGB04, APS+14, FG11, KGB+09, KVG+19, LIJ+18, MYRD14, MM06, MMW08, PBS04, RM20, SDIN18, WTL05, WSZ+14, WYL+20, WOQS05, WSVT13, WMW15, YCR+15, ZYW08]. Multiple-Fluid
[RLY+14, YCR+15]. Multiple-knot
[Joe89]. Multiple-scattering [HHdD16].
Multiplexed [HKD14, LLW+08, NZV+11, RNd+07, WGT+05]. multipole [STZ14].
Multiprocessor [GHCC88].
Multiresolution [JP03, LDW97, VR94, dFP5, BMBZ02, BA83, CGG+04, DHW+11, GM05, KN02, KS98, Lee05].
Multiscale
[FA07, HRRG08, WYZG11, HH10, HMC11, PKG06, SSD09b, TWGT10, TLHD03]. multisensory [EMO10]. Multisided
[War92, LD89]. multispectral
[LYL+16, MRK+13, SBK+18].
Multithreaded [HMLB16]. Multiuser
[DFYL19]. multivalued [MASS15].
Multivariate [CGM91]. Multiview
[DRC+15, GFT+11, HKC+18, KN06, KDW+17, LES09, WSS+19]. Multiway
[Tsa15]. muscle [GvdPvdS13, LPKL14, LPLL19, PH08, SNF05]. muscle-actuated
[LPLL19]. muscle-based [GvdPvdS13].
muscles [LPP+18]. musculoskeletal
[FLP14]. Musculotendon [SKP08]. mush
[LL19]. music [LYGC15]. music-driven
[LYGC15]. mutations [LLR+15]. My
[HAB16].

Naive [Mor11]. nanostructural [AHB18].
narration [JMD+17]. narratives [CM10].
Narrow [LHZ+18, ABO16]. Narrow-band
[LHZ+18]. Natural [JMA06, KAEE20, SJ94, SGW18, WTBS07a, BAC+06, KHD14, Pe10, RPE+05, ZMS818].
natural-constraint [KHD14]. naturalistic
[NB11]. Nautilus [LSS+17]. navigate
[RMBB+13]. Navigating [LS00, SSC19a].
navigation [CDSHD13, KC19, SAZK06].
NC [HA92]. NDFs [RBSM19]. Near
[ALK+17, BHR13, HGM14, KKN+13, LL13, LLH04, SHL+17, TLP07, BGL20, CAJ09, CTS+20, HCW15, JBM+17, JBL18, KPM+17, MK17, XNY+16, YJR17, YL08].
Near-exhaustive [KKN+13]. Near-eye
[ALK+17, LL13, SHL+17, CTS+20, HCW15, JBM+17, JBL18, KPM+17, MK17].
near-field [BGL20, XNY+16].
Near-invariant [BHR13]. Near-optimal
[TLP07]. Near-Regular [HGM14, LLH04].
near-rigid [CAJ09]. near-unactuated
[YL08]. nearest [MSDL17]. neck [LT06].
need [KRF+18]. needed [Na98]. needle
[CAR+09]. neighborhood [Man86].
Neighboring [LLK+19]. Neo [SDK18].
Neo-Hookean [SDK18]. Nested
[SVJ15, LH04]. Nesterov
[SH17].

52
[YHCOZ18, YHCOZ18, XHC+20]. **NETRA** [PMOR10]. Nets

[BC18, RSHSH18a, WF96, RSHSH18b]. network

[DAD+18, GLA+19, HHF+19, LK20, PYB+16, PGZ+19, TVLF20, WWL+19].

**Networks**

[GZC15, HKC+18, TSLP14, ZYW+16, ALL+20, AML18, BVM+17, BB15, FvKBCO16, GSV+17, GDG+17, HKS17, HYZ+18, HWG14, KMM+17a, LDPT17, LZF+19, MGA+17, PLZ+15, PO18, RDL+15, SED16, SSI16, WLG+17, WLW+19, XCS+14, ZCT16, ZSKS18, ZZZJ13]. **Neural**

[ALS+18, GZC15, LXZ+19, LSS+19, MMR+19, MRKN20, PSN20, PCPW20, YZW+16, ZFT+21, ZBW+20, AAL16, AML18, BB15, BMSR20, GCD+20, HKS17, HYZ+18, KMM+17a, KAGS20, LDPT17, LPL+18, LQD+20, MGA+17, MBPY+18, MPH+20, MTA+20, PO18, RDL+15, SED16, TZN19, WLG+17, XZK+20, ZSKS18]. neuromuscular [LT06]. **NeuroSkinning** [LTZ+19]. never [DFW20]. newton

[LBK17b, BDCDA11, LBK17a, MEM+19, ZBK18]. **Newtonian** [ZLQF15]. next


[CTW09, MEA+18, QCHC17b, YLZC+20, APC+16, AW20, BHN07, CZJ12, CGW+13, CD05, EMU15, Fat11, GLLD12, GSV+14, GZD08, GKT13, HSD13, JZJ+15, KTBV16, KBS15, KP11a, KCODL06, LDD09, LD11, LWSF10, McC99, ODJ04, Per02, QCHC17a, S12, SZG+13, TEZ+19, WYL+14, Wei10, ZHHW12, dGBB09].

noise-aware [EMU15]. **Noise-Resilient** [YLC+20]. noisy [YSQ07].

[BSN16, DMZ+17, HSL11, HOZ+19, IH20, JDD03, JHR+15, KSSC08, MEM+19, MZ15, MHR+16, NHAH03, RTF+04, SSW+13, ZSW+10, ZZZ+18, AIH+08, BBO+09, BRM+18, BHW16, BR07, CCA+12, CADS09, CWK+20, DMIF15, FZL+15, FLGJ19, FQL+20, FAW19, HSB+12, HRV+18, KPT11a, LBA06, LFS16, LWO19, NHR03, PPTSH14, PLR+16, RCOL09, RKBZ12, WW11, XSH+20, YSSQ08, ZLQF15, ZNI+14].

non-assembly [CCA+12]. non-blind [YSQ08]. non-equilibrated [FLGJ19]. non-exponential [BRM+18].

Non-homogeneous [KSSC08, FAW19]. Non-invasive [NHAH03]. Non-iterative [JDD03]. Non-line-of-sight

[HOZ+19, IH20, CWK+20, LW019].

Non-Linear [DMZ+17, MHR+16, BBO+09, HSB+12, NHR03, PLR+16]. Non-local [ZSW+10, DMIF15, RKBZ12]. Non-manifold [MASS15]. Non-Newtonian [ZLQF15]. non-orthogonal [PPTSH14].


nonhomogeneous [GMP09]. Nonlinear [CWC11, FMR20, HMG03, LHW+10, VTSH15, XSZB15, ZB94, CAJ09, CPWAP08, CQD90]. nondissipative [SK16, WAO18].

Nonparametric [HOB90]. nonphotorealistic [HTER04].


OpenFab [VWRKM13]. Opening [SKSJ20]. OpenSurfaces [BUSB13].
operated [Ros20]. Operation [BN90].
opérations [AD03, HSB+12, IM10, KH08, LKZ10, Man86]. Operator [AOCBC15, BDK+16, LKG+03b, RSA09].
Operators [ECD93, ACSM12, AML18, Bla18, KW03, LCT805, LJO19, MBWB02].
Operator [AHL17a, AHL17b, BLdG+08, GVNB18, KVG+18, SKSJ20, SKS9J20, ZJ0+19, ZK14, ZSCM17a, ZBK18].
Optimization-based [YYTC12, ZCLJ20, ZK14, ZSCM17a, ZBK18].
Optimize [AMA+19]. Optimized [DPZ09, WTS08, WK21, LKK+16, MWBR13, MMG+07, OHB+11, SLWS07, WLSL10, XUC+14, ZK+18].
OptiX [PBD+10]. Orbifold [AL15, AL16, AKL17].
Optics [MAB+17, BSS+17, CSB87]. Opt [DMZ+17].
OptiCuts [LKK+18]. Optical [OK10, PRM14, SS19, HLW+18, HLZ+10, HC19, JKT+15, KCP+13, LCC+18, LDS02, McK87, MSM+17, NRI15, SH07, SdGP+15, TLP07, WPP14, WJ19, XSH+18, ZLWH16, dGBOD12].
optimality [BCG05]. optimised [DFM13].
Optimization [ASF+13, JYL09, FH04b, GPD+18].
optimise [AMA+19]. Optimized [DPZ09, WTS08, WK21, LKK+16, MWBR13, MMG+07, OHB+11, SLWS07, WLSL10, XUC+14, ZK+18].
Optics [MAB+17, BSS+17, CSB87]. Opt [DMZ+17].
OptiCuts [LKK+18]. Optical [OK10, PRM14, SS19, HLW+18, HLZ+10, HC19, JKT+15, KCP+13, LCC+18, LDS02, McK87, MSM+17, NRI15, SH07, SdGP+15, TLP07, WPP14, WJ19, XSH+18, ZLWH16, dGBOD12].
optimality [BCG05]. optimised [DFM13].
Optimization [ASF+13, JYL09, FH04b, GPD+18].
optimise [AMA+19]. Optimized [DPZ09, WTS08, WK21, LKK+16, MWBR13, MMG+07, OHB+11, SLWS07, WLSL10, XUC+14, ZK+18].
OptiX [PBD+10]. Orbifold [AL15, AL16, AKL17].
Optics [MAB+17, BSS+17, CSB87]. Opt [DMZ+17].
OptiCuts [LKK+18]. Optical [OK10, PRM14, SS19, HLW+18, HLZ+10, HC19, JKT+15, KCP+13, LCC+18, LDS02, McK87, MSM+17, NRI15, SH07, SdGP+15, TLP07, WPP14, WJ19, XSH+18, ZLWH16, dGBOD12].
optimality [BCG05]. optimised [DFM13].
Optimization [ASF+13, JYL09, FH04b, GPD+18].
optimise [AMA+19]. Optimized [DPZ09, WTS08, WK21, LKK+16, MWBR13, MMG+07, OHB+11, SLWS07, WLSL10, XUC+14, ZK+18].
OptiX [PBD+10]. Orbifold [AL15, AL16, AKL17].
Optics [MAB+17, BSS+17, CSB87]. Opt [DMZ+17].
OptiCuts [LKK+18]. Optical [OK10, PRM14, SS19, HLW+18, HLZ+10, HC19, JKT+15, KCP+13, LCC+18, LDS02, McK87, MSM+17, NRI15, SH07, SdGP+15, TLP07, WPP14, WJ19, XSH+18, ZLWH16, dGBOD12].
[HKS17, WRDF13, BB12, CTS+20, FKN17, GSV+14, GXZ+13, Kim10, SSJ+14, YCL+17]. Phase-based
[WRDF13, FKN17]. phase-change
[SSJ+14]. Phase-functioned [HKS17]. phases
[SKZK20]. Phasor
[GNHM15, TEZ+19]. phenomena
[BWRB05, BLR+11, HMS05, RNGF03].
phone [WGJ+18]. phones [AMS03, SLL19].
Phong [BA08, Jam20, VW97]. Photo
[HHX+18, KOIF14, LHE+07, SS06, XZZ+11, YZV+16, ZZL+21, BSX+19, BLDA11, CLY18, CLS+15, CFL+15, CYV+16, CZS+13, GSZ+18, SCX+15, GAL+09, HSLG13, HEH05, JMAK10, KOF13, KNC+08, LBP+12, OF12, SDPM13, SSS+08].
Photo-inspired [XZZ+11].
photo-to-caricature [CLY18].
Photo2clipart [FLB17]. photobios
[KSSGS11]. photobooth [PCK+08].
photogrammetric [TT09]. photograph
[FH04a, FSH+06, KSES14, KNC+08, LDPT17]. Photographic
[RSSF02, BPD06, BBP13]. Photographing
[AAC+06]. photographs
[BKD+08, DS02, Dio12, GCD+20, HE07, KHFH11, KGF14, RMD04, RST+07].
Photography [Les20, AJD+10, ARNL05, BPK+13, BYL20, CZN10, ED04, GSM07, HSC+17, HKGA, ITM+14, KHH11, KFO9, KNS11, LSC+08, LLW+08, MWBR13, MPN+02, MCE+17, NLGK18, NG05, PSA+04, RAT06, RAW08, SCX+05, VRA+07, VWH+13, XRLF15]. photometric
[HLHZ08, MS05, PCK+08, VPB+09b, WGP+10, XBS+19, ZRL+09].
photomontage [ADA+04]. Photon
[DJBJ19, GRS+17a, BJ17, Dee05, GRS+17b, GHS+18, HJOJ08, HJO9, HJJ10, HJJ11a, JNSJ11, JNT+11, KD13a, KZ11, LLZ+20, LOW18, MM06, QSH+15, SJ13]. photonic
[HGHG13]. Photorealistic
[GN06, POB09, Tsai15, KP11a, PRFS18, RTF+04]. Photos
[AECO15, FSGF16, MBGS15, SGSS08].
photosensing [RBvB+04, RNd+07].
PhotoShape [PRFS18]. PhysCap
[SGXT20]. Physical
[BSL+16, BKS+12, CSvR18, HFM+10, KKK+16, YYL+19, BBG+13, LBD13, MIW16, PKM+18, SWK16, WW13].
Physically [HMS05, HES11, LCT19, NF02, SML+12, WLZ+09, WMC11, WDR11, YTJR15, BP08, FP03, GS04, LSGV18, MWRD13, MPP11, ODK03, RYL13, SHP04, SNM+13, SGXT20, SH08, TK05, UI12, WC10, WGH20].
Physically-accurate [YTJR15].
Physically-based
[HMS05, HES11, LCT19, SML+12, WDR11, GS04, MWRD13, SNM+13, TK05].
Physics [BSK+16, BVF17b, CYFW14, DLK18, EHSN20, GB13, HHC+19, KGBS11, LLY16, LH17a, WTGT10, YPA+18, AVF17, CBvd09, HMT+12, IJKP17, JL11a, KIL+16, KPMP+17, LHP05, LHP17, MMCK14, MTM16, MdlH10, PDZ+18, PALvdP18, YRF09, ZZMC13].
Physics-Based [BVF17b, LLY16, LH17a, EHSN20, GB13, HHC+19, AVF17, CBvd09, IJKP17, JL11a, KIL+16, LHP05, LHP17, MdlH10, PALvdP18, YRF09, ZZMC13].
Physics-driven [BSK+16]. physics-guided
[MTM16]. Physics-Inspired
[YPA+18, CYFW14, KGBS11, WTGT10].
Physiological [MIWB02]. PIC [NNC+20]. PiCam [VLD+13]. picker [DK99].
Pictures
[KSJG18, Van82, CGZ+05, HDK07]. PIE
[TER+20]. piece [NAI*18]. Piecewise
[DLTW90, LM91, Far89, GOMP98, LT09, LB06]. pigment [PRJ+13]. pigmentation
[DFW20]. Pigmented [HM92]. PiGraphs
[SCH+16]. Piko [PTSO15]. pile [HK12].
Piles [HK10b]. Pinlight [MLR+14].
Pipeline [SBSH18, TMM+21, BKL15, DNB+05, HGF14, KKS18, VWRKM13]. pipelined [LTT+20]. Pipelines
[LNLB16, HBD+14, MAS+16, PTSO15].
Polyhedra
[Pet95, Wil92, BDD11, Hub96, PR97b].

Polyhedral
[JTV+15, MHS18, Nas87, GJTP17, KGB+09, Mir+88, PK+19, TSG+14].

Polytopes
[RS14b].

Polytopes
[SB95, BAERD08, FGG+17, GOMP98, MJ+08, MMM16, SR97, SR00, SSW+13].

Polytopes
[Kla91b, LM97].

Polytopes
[LFL09].

Polytopes
[LFL09].

Polytopes
[Ost07].

Polytopes
[BLT16].

Polytopes
[BS19, DVPSH15].

Polytopes
[SSY+04, XZM+18, HEH05, LJGH11].

Polytopes
[LYM18, HEH05].

Polytopes
[LJGH11].

Polytopes
[LHY+18].

Polytopes
[LHY+18].

Polytopes
[LHY+18].

Polytopes
[AGL18, SR97, SR00, WYM+16, XLC+16].

PPPM
[SB92, TVLF20, Wan18a].

PPPM
[SB92, TVLF20, Wan18a].
QPWH08, RPWO18, SLS+16, SSD09b, TW20, WWA+16, WZYR19, ZNT18.

presorted [CSN+12]. Pressure
[BGI+18, GPB+19, LBB17a, TB20, ZSZ+14].
presence-contact [TB20].
preview [RKKS+07]. Primal [ORK12].
Principal
[Wu92, GI04, SHHS03, TISM16, XSB15].
print [UPSW16]. print-wind [UPSW16].
printable [KSS+15, LBRM12, MTN+15, SVB+12, YCL+15].
Printed
[AJS20, PRM14, ZLW+16, LSZ+14, MLYZ19, TGD18].
printer
[LDS02, WPGM16]. printers [ERP+19].
Printing [BAU15, DTPG12, LR90, LR91, MSS+12, MAG+09, PLMR17, SCB88, UTB+19, WPGM16, BVF+17a, BATU18, CCA+12, CZL+15b, DW+18, DHL14, ESZ+17, ICG17, PFB+20, SBR+15, SBK+18, SARW+15, SRB+19, WWY+13, ZYZZ15, ZLP+15, ZBW+20].
Printone
[UPSW16]. prints
[CLD+13, PH15a, THKM13, TTZ+20].
prior [BSP+19, CCWL18, CJN+17, MYW115, WLW+19]. Priors
[VR94, ISSI16, LCXS09, SKAG15, WSCR18, ZZF+17, ZXC+18]. prism [BKGG17].
Proactive
[YSL+14, XHS+15]. Probabilistic
[CGK11, FW+16, LRFH13, RHW94, CLS03, HAB20, CKCK12, KZ11, LCK+14, NKAS08, WLP16]. probability
[DL+15]. probable [DTB06]. probe
[BB091, ORK12, RLP+20]. probes [SL17].
probing [OHX+14]. problem [DIO+12, HPB07, LW16, OP11, XW09, YWH13].
Problems
[FM84, G084, OF01, DML17, GITH14, MSW14, MLT17, PKHK15, SPKS16].
Procedural
[BSW13, GDAB+17a, GJB+20, LLDD09, MDL16, MWH+06, SW14, TEZ+19, WOD09, BDK+16, BWS10, BHN07, CH02, CEW+08, CDM+02, EVC+15, GDAB+17b, GGG+13, GSV+14, GSLM+08, HSS98, KW11, LD05, LWW08, MZVW07, NSCL08, NGDA+16, RMGH15, SP16, SM15, SLH+20, TLL+11, VGDA+12, WYD+14, ZLB16b].
Procedurally [Kaj83]. procedures
[MCS15]. Process [MOR+18]. Processes
[Ozt16, IAF09]. Processing
[HHX+18, SGWJ18, TMM+21, XWC+16, dGMM14, CP07, CPKS17, CGZ08, CK11, FMR20, GO11, HBD+14, HHD+16, HST+14, HADA17, HNN+02, KSH10, KH10, KG08, KWB+15, LGA+18, LHLK10, LTJ18, MASS15, MAS+16, MM07, OEE+18, PH11, PKCH18, RKAP+12, RH04, RVAL09, SR00, SDP+18, SLMR14, STP12, TWBO03, TYY+19, WRDF13, WFL+15, WSS05, YW13, Zhu18a, dGDM16].
Processor [KS95]. processors [CHT+14].
Product
[SG17, BB15, NRH04, PBW19, SM06, SR09].
Production
[FHL+18, G1F+18, Pha18, LF02, LXT+19, PTMD07, TKTS11].
products [CJAMJ05]. professional
[LVS+16]. profiles [KWB+13]. Program
[N090, Spr82]. Programmable
[GTDS10, LLW+08, LHVT17a, LHVT17b, SSBG10, HAM07, HGG+11, HM03, KLPCP18, LB05, NJS+14, PTSM05, PBMC02, VAZ09, VWRK13, WSS05].
Programming
[BK16, GF82, HGM14, PPV95, Wu92, ZB94, BLFW14, HZG08, HKG11, KABL14, LGA+18, MGK03, NWYM19, SAMWL11, SFB+19, SEZ+18, SG17, BB15, NRH04, PBW19, SM06, SR09].
Production
[FHL+18, G1F+18, Pha18, LF02, LXT+19, PTMD07, TKTS11].
products [CJAMJ05]. professional
[LVS+16]. profiles [KWB+13]. Program
[N090, Spr82]. Programmable
[GTDS10, LLW+08, LHVT17a, LHVT17b, SSBG10, HAM07, HGG+11, HM03, KLPCP18, LB05, NJS+11, PTSM05, PBMC02, VAZ09, VWRK13, WSS05].
Programming
[BK16, GF82, HGM14, PPV95, Wu92, ZB94, BLFW14, HZG08, HKG11, KABL14, LGA+18, MGK03, NWYM19, SAMWL11, SFB+19]. programs
[AMA+19, HZG09, JBX+20, RMGH15].
Progressive
[DKHS14, FCOAS03, GD02, HOJO8, HLC+19, JRT+11, KZ11, LDS03, LYNF18, SJZP19, SJ13, VMKK00, YSOF08, HJ09, HJJ10, KD13a, LJH13b, LLZ+20, PK05].
progressively [ZZV+03].
progressively-variant [ZZV+03]. project
[ANO10, ZIT+19]. Projected
projection-based [MS05]. projections [AYL+12, BML+14, CAa09, KSJP08, MWBR13, MHR+16, SBK11]. Projective [BML+14, LJBBD20, Pat85, WGW+13, ZLW+16, BEH18, Wan15, Pat87].

Projectively [NY94]. projector [BBG+13].

projector-based [BBG+13]. projectors [RvBB+03, RBvB+04, SGM12]. Proof [FAER21].

Propagation [SM17a, Ap08, ACSM12, CRS+16, CRG+20, CZT12, EIr07, Fat09b, GJWW14, HRL15, Liu18, MRA+13, QHY+16, RSM+10a, RS14a, RS18, SMM14, SM17b, SYJS05, VVJ+13, XLJ+09, YMR+13, ZRSM18].

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

prosody [LTK09]. prosody-driven [LTK09]. Protected [KTL+04]. prototype [AWGB04]. prototypes [KLY+14, YPB16].

Provably [PL14, DML17, YLJ18]. proxies [CB17, JSMH12, TYY+19, ZCC+12].

proximal [HDN+16, HDN+16]. proximity [SGG+06].

Proxy [HX+18, KGL16, MSM11].


Pteromy [UKS14]. pupil [JBM+17, POB09]. pupil-tracked [JBM+17]. PuppetMaster [ZPBC19].

Puppetry [SLGS01, BJSt+08, SZT+07].

pure [WHY20]. purification [LSQ+15].


Q [LWS+15]. Q-MAT [LWS+15]. QEx [EBCK13]. QR [CCLM13]. Quad [ULP+15, BCE+13, CBK12, CK14b, EBCK13, ECBK14, ESCK16, FBH+10, JRPW20, LCBK19, PPW18, SW05, SPGT18, TPSHSH13, TPP+11, TMB18].

quad-based [JRPW20]. quad-dominant [SPGT18]. quad-fragment [FBH+10].

Quadrangulation [FBT+18, LHI+14, ACBCO17, BWSS12, BZK09, DBG+06, HZM+08, MTP+15, ZHBL10].

quadrangulations [PBJW14, VPR19].

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

Quadrature [GT96, FQL+20]. Quadratic [CGM91, FNO89, GZ05, Mil87, TGB13].

Quadratic-based [GZ05]. Quadratic-Surface [FNO89]. Quadratics [SJ94].

Quadrilateral [DSSC08, DM13, LXW+11, PZKW11].

quadrotor [GSH18, JRT+15, RH16, XYH+18].

quadruped [LSCC20, ZSKS18].

quadrupe [CKJ+11]. Quadtree [LS00, Aga07, ABJN85, BFK+16, SW85].

Qualitative [HSS+13]. Quality [AAPS16, KKDK12, WSL+14, AAPS17, AMMS08, ACM10, BWG03, BAG12, BBB+10a, BHB+11, BBM+14, CHM+12, CBK12, CS00, CLS+15, CTW09, CLW+14, CJN+17, CCS+15, Csé19, DDD+14, GBAM11, GT96, HRH+13, LWC+13, MRR11, MHP+19, SHD+18, SJA08, SFWG04, WAC07, WHB+12, ZJ11, ZF03, ZKU+04].

Quality-driven [WSL+14]. quantifying [RPE+05]. Quantitative [CM83, TGZ18].

Quantization [Wu92, CCOST05, HRV97, LCBK19, Xia97].

Quantized [CBK15, DI11].

quantized-diffusion [DI11]. quantum [BSW02]. quartet [HSS+13].

Quartic
Joe90b, Pet89]. Quasi
[LBK17a, LBK17b, TWL+05, ZBK18].

quasi-homogeneous [TWL+05].
Quasi-newton [LBK17b, LBK17a, ZBK18].

Quasiconformal [LKF12]. Quaternions
[HF94, KCZ008]. Queries
[MPB17a, BZL+15, HJ11b, MPB17b].

QuickETC2 [Nah20]. quilting [ZHW+06].

Raster [TE82]. radar [LGK+16]. Radial
[WLH+13, KN06, TS06]. Radiance
[BDT99, HWZ+20, JDS08, MJG18, HW12, JNSJ11, KMM+17a, KAMJ05, RWG+13, SL17, SKS02, SLS03, SHS03, SLS05, TS06, WKR99, LAM+11].

radiance-predicting [KMM+17a]. radiant
[SSBD03]. radiative [ABW14, BRM+18, JAM+10, JAG18, PCS+20, ZRB14].

Radiosity [ACP+01, NN95, RT90, DDP99].
RAID [GM16]. rain [GN06, LCT19].
Rainbow [XIAP+17]. rainbows [SML+12].

raising [CLS85]. Random
[HZE+19, NH08, PM95, AMA+19, CNX+08, GSV+14, KCYW13, LT20, LSK+06, SD12].

Random-access
[NHO8, KCYW13, LSK+06]. random-phase
[GSV+14]. Randomized [GF08, BSFG09].

Range [SB05, WS17a, ACP02, ACP03, AMMS08, BI08, CZ11, DD02b, FKI+14, FLW02, HSG+16, HFI+08, KSB+13, KR17, KUWS05, LSA03, MRK+13, MKMS04, MEMS06, MCHAM06, PMOR10, PZS11, RA106, SHS+04, TAHL07, Van06, WLHR11, WS17b, BZL+17, LCTS05]. Rank
[SW18, LHKR10, MK16].

Rank-Constrained [SW18]. ranking
[WLO+14]. Rapid
[KLPCP18, Rv93, WWA+16, HFTF15, HFF16, JB02, MGBD05, vdHDT+07].

Rapidly [Fol87, TMRL14, ZIT+19].
RAPter [MBBM15]. Raster
[Dum83, Lev84, McI92, VN85, WW82].

Rasterization [Hob90, AMS03, FRS19, LAKLI11, LHZ16, LLGRK20, PR06].

Rasterizing [Taut94]. Rate
[WL9+20, HGF14, HDD+16, KLF+19].
rates [TDMS16]. ratio [NSJ+14]. Rational
[BHN98, Che92, EK98, HB89, KLN91, SG17, War92, AB89, BCW17, CAS09, Gal99, Joe89, ZSO0]. raw [LRS18]. Ray
[BB85, GKC88, KGB+09, Kaj83, Lev90, LSCS03, NKK+14, PP94, PBMH02, RLU95, SLM+17a, VJK+17, WIK+06, WS07, WHG84, vW84, BDT99, BAMA4, DMB+14, DHW+11, EDR11, JW+08, HQL+10, HZ11, IYY14, LAA+05, LDDL18, MBK+10, Mor11, MHC+16, NPP+11, NNDJ12, PFHA10, PBD+10, RAWV08, RSH05b, SLM+17b, SKC+14, WWB+14, WS99, WSS05, YMR+13, ZRL+08, BK87].

ray-traced [EDR11, PFHA10]. Ray-Tracking [NSJ+14, Mor11]. RayCore
[NK1+14]. Razor [DHW+11]. RBF
[NCC+20]. RBF-FD [NCC+20]. Re
[JSSH15, Pax09, WC21, WP90, BHW16, DNZ+17a, GDC15, GPW+17, KD13b, MBPY+18, NKA+08]. re-creation
[NKA+08]. Re-Editing [JSSH15].
Re-examination [WC21]. re-integration
[DNZ+17a]. re-meshing [JSSH15].
re-parameterization [GDC15].
re-rendering [MBPY+18]. re-simulation
[BHW16, KD13b]. reaction
[DFW20, RCLM19]. Ready
[LLF+20, ZB13]. Real
[ASA+09, ADM+08, BHN98, BJ05, BP08, BZ11, BAOR06, CBZB15, CWW+16, CKH18, CPD07, CM11, DNZ+17b, DLK18, DYN03, DFYL19, EMU15, FKY08, GXY+17a, GXY+17b, HV+04, HRE+08, HDHN16, JTL+12, JKT+15, KZ+15, KIM+19, LH16, LES10, LTK09, LXL+01, LTFC13, LHLK10, LKL17a, LZZ+20, LB06, MP08, MDD+19, MNV+21, MCK13, NMD+17, NZIS13, PZ08, PO08, PO05, RWS+06, RHLH02, SB08, SCL+15, SL17, SSI18b, TDL+18, TZ+15, TSS+18, TSLP14, VRBC18, VTSSH15, WWD+05].
WPP07, WP09b, WYM+16, WXLY17, WOG06, WZN+14, ZXTZ15, ZZI+17, ZHHZ20, ZHWG08, ZRL+08, ZNI+14, ALY08, BK04, CWLZ13, CHZ14, CCWL18, CH02, CBI13, CT05, CHP07, CNR08, DNZ+17a, DvGNK99, DLI+18, DHO005, DFZ+17, DKD+16, DDF+17, FYK10, GO12, GCB+17, GB08b, HFF18, HMO12, HSW+17, HKA+18, HESL11, JBS11, JP02, KNS+09, KCODL06, KRF+18, KAMJ05]. real [LZC11, LXC+15, LBB17b, LNWB03, MMCK14, MMB+17, MBPY+18, MP04, MBB12, MSS+17, NSX+18, NOP+18, PRWH+18, PCK+08, RSM+10a, RTK+15, RJ07, SZT+08, SGXT20, SKS02, SRNN05, TZZ+18, TPT16, TLP06, TS12, VBG+13, WAO+09, WJBJK15, WSJP17, WMB+20, XUC+14, ZBYX19, dASTH10]. Real-Time [BJ05, DNZ+17b, DLK18, GXY+17a, HXZ+19, KIM+19, LBB17a, MNV+21, TZS+18, TSLP14, VTS11, ZXTZ15, ASA+09, ADM+08, BP08, BZ11, BAO06, CBZB15, CWW+16, CKH18, CPD07, CM11, DYN03, EMU15, FKY08, GXY+17b, HV04, HRE+08, HDHM16, JTL+12, JKT+15, LH16, LES10, LTK09, LLX+01, LFTC13, LHLK10, LZH+20, LB06, MP08, MDB+19, NMD+17, NZZI13, PZ08, PO08, PO05, RWS+06, RHHI02, SCT+15, SL17, SSI18b, TDL+18, TNZ+15, VRB18, WW+05, WPP07, WP09b, WYM+16, WXLY17, WOG06, WZN+14, ZZI+17, ZHHZ20, ZHWG08, ZRL+08, ZNI+14, BK04, CWLZ13, CHZ14, CCWL18, CH02, CBI13, CT05, CHP07, DNZ+17a, DLI+18, DHO005, DDK+16, DDF+17, FYK10, GO12, GCB+17, HFF18, HSW+17, HESL11, JBS11, KNS+09, KCODL06, KRF+18, KAMJ05, LZC11, LXC+15, LBB17b, MMCK14, MMB+17, MBPY+18, MP04, MSS+17, NSX+18, NOP+18, RSM+10a, RTK+15, RJ07]. Real-time [SKS02, TZZ+18, TPT16, TLP06, TS12, VBG+13, WAO+09, WJBJK15, WSJP17, WMB+20, XUC+14, ZBYX19, dASTH10]. Real-World [SBSSH18, ALOY8, DvGNK99]. RealBrush [LBD13]. realism [CLS+17, XADR12]. Realistic [HM02, SLST14, SBK11, WW08, cWP03, CXG02, CPWAP08, DFW20, DF03, HRZ+13, JWD19, RPC+10, SHP04, SQRH+16, WC10, ZLBN16b, CKX+08]. realistic-looking [RPC+10]. Reality [DFYL19, KAW20, MNV+21, TZZ+18, ALK+17, AGB+16, BP12, CXX+08, Did18, HK18b, JBM+17, KJS+19, KDMW17, KK20, LSL+18, LJM+16, MGBD05, MLL+14, MK16, OEE+18, PKS+16, RRS19, SMG+05, SSMR+17, SMG+20, SWK16, SPW+18, Wan18b]. realization [LJM+16]. reallocation [HSFH10]. really [WKHA18]. Realtime [LYYB13, WSC16, WBLP11, WXCH15, WBP13, SJP05, WAC07, WZC12, WSS05, ZZMC13]. Reanimating [KHS03]. reasoning [CKGK11]. Reassembling [HFG+06, BTFN+08]. rebuilding [MMBM15]. recipes [GSC+15]. Reciprocal [SFB+13, CRG+20, SRL+15]. recognition [CWr+20, LMS13, ZYL+17]. recoloring [CRA11, CFL+15, TEG18]. Reconciling [SPV+16]. Reconfigurable [SFJ+17, MRK+13]. reconfigurables [GJG16]. reconnection [WP10]. reconstruct [HKA+18, LXR+18]. reconstructed [RMBB+13]. Reconstructing [GVT13, KIL+16, LALD12, WGL+18, YT13, LCC+18]. Reconstruction [BL20, CKH18, DNZ+17b, GZC+16, GXY+17a, HNH19, HWZ+20, IH20, KIM+19, LSSW19, SG82, SHD+14, SAA+21, VMCS15, WBF+17a, YLC+20, YSHWH16, ZXTZ15, AKZ+17, ACP03, ASL+17, ASG10, BBN+12, BLN+13, BVG11, BBK+15, BNB13, CKS+17, CZ11, CB13, CJN+17, DNZ+17a, DTB06, DXZ+19, ETH+09, EKD+17, FG14, GZW+16, GKT+13, GD04, GXY+17b,
HJW +08, HZW12, HWV +18, HLZ +09, HKW15, HZCJ17, KHS03, KH13, KFWM17, KHL19, KZP +13, KPZK17, KL12, LDK +18, LAC +11, LSR18, LKG +03a, LAGP09, LLZM10, LCW12, LGZ +13, LCOLTE07, LCL +17, LXS +18, LYO +10, LWL +20, MeC00, MTM16, MDB +19, MHC +16, NSZ +10, NZIS13, PZ17, PMA +14, RMD04, RKZ21, SS14, STJ +17, SKY +12, SSZCO10, SLS +07, SAL +08, SL17, SMGH18, SSR20, SGdA +10, TZEK +11, TBW +12, TVLF20, WBF +17b, WAO +09, WSL13, WSTSO8, WBG +16, WZQ +18, XZZ +14, XHS +15, XZY +17, YHZ +14, ZBYX19, ZK13, ZK14.

reconstruction

[ZXH +20, ZNI +14, ZHCJ15].

reconstructive [MCS15] recording

[HZG09] recordings [SDO +04] recover

[KWB +13] Recovering [XDP16, DCP +14b, HXM +13, LSS +17, RMOV20].

Recovery [TSLP14, YPA +18, DRW +14, HWJ +15, LKL +15, SFCH12, YSLH11].

Rectangles [Bae82].

Rectangling [HCS13] rectification [GGY18, LSVT15] recurrent

[CKS +17].

Recursive [KCODL06, LPX +19, NMLH14, Sai89, SFCO12, ISD04, LXC +17, NMLH11, NM16, ZC +18] recursively

[BS88, BS90] Redefining [UTB +19].

Redirected [DFYL19] redirection

[LSL +18, SPW +18] redistribution

[CTE05].

RedMax [WWB +19].

Reduce

[HC86].

Reduced

[MAB +15, PM18, BdSP09, BEH18, CZZ14, DSP06, GAB20, JP04, LMH +15, SNB07, TVLF20, YLX +15, vTSSH13].

Reduced-order [MAB +15].

reduced-precision [TVLF20] reducer

[CLD +13].

reducer-tuner [CLD +13].

Reducing

[And83, FBH +10, ABA02, RAWV08, TBTS08].

Reduction [XLCB15, FCGH08, KJ09, LHdG +14, McC99, TLP06].

Redundancy [RV89].

Reeb

[PSBM07, She13].

Reenactment

[LXZ +19, TZS +18, TZN +15, TZA +18].

Reference [LWC +13].

Revised [Pet01].

Refinement

[CC92, W1K21, CYSW14, LVS18, LYT +19, SCF +04, TWAD09, ZW +14, ZDI +15].

refining [SHK +14] Reflactance

[AA16, CDP +14, CT82, CHB +12, DvGNK99, TG17b, BDM09, DTFG12, DCP +14b, DWD +08, DH1 +13, FBLS07, FRSL08, GHP +08, GZL14, GSH +20, Gup18, HP03, HLZ10, HP17, HHA +10, KCW +18, LX +18, MSS +12, MBM03, MAG +09, MHP +19, NZV +11, NLW +16, NR15, PTC07, TG17a, TFG +13, VLD07, WZ +08b, WRG +09, WYL +20, WGT +05, WMP +06, WPMR09, XDP16, XNY +16, YSN +18, YTJ15, YJR17, ZJ18].

Reflecting

[RT90, BVH +16].

Reflectance

[HP17, IM12, RH04, ROTS09, ZNT18].

reflectational [SHZ +20, XZ +09].

Reflections

[SKV +12, OF12, SMM14, SKG +12].

Reflective

[TB87, PSG +04] reflectometry

[GTH03, GCP +10, RWS +11, RRF17].

reflectors [SDI18].

reflex [POB09].

refocusing [MNB07, VRA +07].

refraction

[LWL +20, Wym05].

refraction-tracing [LWL +20].

Refractive

[ABW14, TB87, IZT +07, PMOR10, PHN +12, PCS +20, ZS +08, WZHB09, YTBK11].

Refurnishing [ZCC16].

Region

[SB95, ZZL +21, KEE13, LSC03, TDM11, WW13, YKC +16].

Region-based

[ZZL +21, TDM11].

Regional

[STZ +16, Kim10, LSS +17].

Regions

[LMR83, LYF +20, GAB20, SF07].

registration [AMCO08, CZZ11, HGC0 +12, HYG +13, MDK +16, YNW16].

Regression

[KIM +19, MCY14, VWL15, BPC16, CWL13, CHZ14, LJS +15, RWG +13, VKK18, WPP14, WPP07, WLT16].

Regular

[HHM14, SYSP14, VMW17, ANHD17, LLH04, LPS +13, LH04, MMB15, vW09].

regularities [THW +14].

regularity
[PMW+08]. regularization [XCS+14].
Regularized [DJ17, IBB15]. regulated [WPL18]. rehabilitation [KDI19].
Reinforced [FZZ+20]. Reinforcement [GUPZ20, HWZ+20, CYT+18, HXC+20, LP10, LH18, LSCC20, MTP+18, PBvdP15, PBvdP16, PBVY17, PALvdP18, PKM+18, WLY+20, XDF+19]. Reintegration [DNZ+17b]. Rejection [RLLG+20].
Relating [THW+14]. relation [FCW+17, GMW16, WLW+19]. relation-augmented [GMW16].
Relational [Mac86, DNB+05]. Relations [KK91, vOV96, LWC+11, ZRB14].
Reliable [MPB17a, BCE+13, MPB17b, Wan16].
Relief [ZTS09, PRZ17, POC05, SVB+12, SKC+14, WDB+07]. Reliefs [AM10].
relightable [MPH+20]. Relighting [DRC+15, KE18, MPD03, WS17a, ZFT+21, ED04, GCD+20, HPB06, NRH04, NN04, PTMD07, PVL+05, PGZ+19, RDL+15, SZC+07, SZS+08, SBT+19, SXZ+20, WTL05, WTL06b, WYL+20, WGT+05, WS17b, XSHR18, ZCC16].
Relying [CH14]. remapping [GO17]. Remarks [Las90]. remeshing [AMD02, ACSD+03, ESCK16, KS04b, NS012, PH03, WK+10]. remote [KTL+04]. Removal [SO92, GOTG05, Mck87]. Remove [GTB15]. Removing [ARNL05, FSH+06, GRBN09, WHDS04].
Render [MBB12]. renderable [LSS+19].
RenderAnts [ZHR+09]. Rendered [OKH+16]. Renderer [BAC+18]. renderers [PGML+19, Sm06]. Rendering [BYG96, BGL20, CFS+18, FH93, GFMS95, Gup18, IH20, JCW09b, JMY+07, KHFH11, KAW20, LXZ+19, LSCS14, LC96, Mal93, MCY14, MNV+21, Pha18, Rap91, SM17a, Ste20, Sm06, TG17b, Ts15, TB87, VADWG15, WHHY20, YHJ+14, YMRD15, YHW+18, YPG01, ALLD17, ATM+17, BWG03, BBPP10, BLD20, BAGL19, BGAM12, BKKL15, Bel18, BOD+13, BFK+16, BST09, BF08, CBCG02, CXG02, CLS+17, DI11, gDGPR02, DMB+14, DAD+18, Did18, DYN03, DIO+12, DHO05, DWd+08, DPFO3, DJ18b, ETH+09, EC96, EMF02, FFB+09, GLD+19, GN06, GZB+13, GM05, GGS03, GTDS10, GBAM11, GTR+06, GCH+19, GS04, HR05, HV04, HKW09, HRDB16, HPP+18, HMC11, HSW+17, HESL11, HHN+02, HWJ+15, HWH+16, IZT+07, JAM+10, JM12, JdJM14, JMM+14, JB02, KV05, KMM+17a, KE18, KP11a, KHL19, KWN+17, KB12, KTL+04, SKS+13, KKW0, KCYW13]. rendering [KHLN17, LHK+20, LS02, LES09, LAC+11, LHZ16, LSS18, LB05, LB06, LH04, LKU12, LCD+20b, MBPY+18, MYRD14, MPH+20, MPH+15, MIGYM15, MMG16, MPG+16, NH08, NLMD12, NNDJ12, OL03, OKH+17, ODR09, OEE+18, P208, PSK+16, PVE19, PMHD19, RH02, RTF+04, RGB16, RMD04, RZL+10, REG+09, RKKZ12, RJN16, SBDJD13, SM17b, SD12, SHL+17, SSS+04, SKC+12, SKS02, SFWG04, SRN05, SM06, SR09, TAV+10, TZN19, TG17a, TWL+05, TS12, TGD04, TAWK+19, VRC+13, VT04, WWD+05, WZT+08a, WRG+09, WHY+13, WYM+16, WHY0, WS99, WW08, WVJ1H7, WFF+10, WZYR19, XMR+11, XCM+14, YTRJ15, YHM16, YSRJ17, YIC+10, ZZXX09, ZHRB13, ZWD16, ZLB16b, ZHHZ20, ZRL+08, ZHR+09].
RepFinder [CZM+10].

**Rephotography**

[WBh,+17a, BAD10, WBF+17b].

**Replacement** [RKS+14, DSJ+11, JMD+17, TSL+16, ZYQ+14], replacing [BKH+08].

repositories [YGH+17]. represent [PMHD19].

**Representative** [BN09, DK99, GL+16, SL+17a, ABA02, ABJN85, BAS14, BAERD08, Boi84, CBCG02, DF88, FKY+10, GLRL11, HNB+06, HZ+13, KV05, KHD14, KCYW13, LRR04, LBAD+06, LKK+16, LZT+08, MASS15, MIW18, OBW+08, OBCS+12, PKG06, PVBM+06, R98, RAKRF08, SPSh18, SL+17b, STPP09, STZ14, WSLT18, WIM14, ZKU+04].

Representations [DS92, PBS20, WLY+16, ZYM+20, MGP10]. represented [VAG+8]. Representing [BDK+16]. reproducible [LSG+18].

Reproducing

[HCE03, CLC+20, DTPG12, LDF14].

**Reproduction** [SFb09, AAMS+20, DWT+02, ESZ+17, HFM+10, LYL+16, PFB+20, RSSF02, RPK+12, SBK+18].

reprojection [RLP+20, SaLY+08, YTS+11].

reprojection-based [SaLY+08]. Repulsion [WWY+21]. Repulsive [YSC+21].

Requirements [SFb09]. rereading [HHA+10]. Resampling [NID+20, HWG+13].

Resampling-aware [NID+20]. rescreening [KP+18]. reshaping [JTST+10, ZFL+10].

Residential [FW+16, LGZ+13, MSK+10].

Residual [NSJ+14]. Resilient

[YLC+20, AAR05]. Resizing

[WWF+10, AS07, DZP+09, KSSCO+08, WTS+10, WFS+09, WHS+11]. Resolution

[BF+12, FJ+14, LSO+07, LB05, AGL+17, AL+12, AFC+10, AB+20, BHPS+10, DER+10, ESC+16, GLD+19, GGY+18, HSB+12, HW+15, HG09, KSA+13, KZP+13, LGX+13, LFKG17, Mus+13, NB11, SGM+12, SD+18, SXD+12, SZD+20, SXZ+20, TREO16, VBCG10, VSK+17, WOR10, WAK+20, WGDE+19, XFT+18, YHJ+14, ZSCS+04, ZHRB+13, ZSTB10].

Resolution-matched [LSO+07]. resolved [AIH+08]. Resolving [VM+06, ZLB+16].

resonance [UPS+16, WMB+19]. Response [VJ+19, JP02, PN+14, TDM+14, ZMT+05].

Responsive [MP+07, CK+02, YL+08].

resituation [WS+17]. restoration [ALS+08, BPK+05].

Restoring [ZBG+15]. restricted [CM+11, LLX+12].

Resultant [SG+17]. Resultants [CGM+91]. retargeting [AWL+19, ALL+20, ATDP+11, HRE+08, HXK+19, KLGH+09, LCO+11, PM+18, RSA+08, RSA+09, RGSS+10, STP+15, SSK+11, TK05, WLS+10, ZAC+17, BZL+17].

Retiling [AFS+03]. retiming [LCD+20].

retina [JBM+17]. Retinal [JBM+17].

Retrieval

[SK+16, SSB+17a, SSB+17b, BBGO+11, CTS+20, ERB+12, MRC+05, XCF+13].

retrieve [SBH+16]. Returning [BGS+8].

Reusable [JZ+20, M+A+20]. Reuse [MN+21, HZ+11].

review [BPE+17, HA+18].

reveal [CHM+12]. Revealing

[DM+15, WDW+15, WRS+12]. REVEL [BP+12].

reverse [EMK+17, MAF+09, RTS+07]. Reversible

BJN+18, ESB+19, LMA+18, YGW+12a].

reviewers [TOP+03]. revision [CC+11].

revisited [GSO+04, VWR+97]. Revolution

[MHS+19a, HST+10].

Reyes [PO+08, ZHR+19].

Reyes-style [PO+08].

RFIG [RB+04].

RGB

[BIP+01, B+18, CHK+18, CL+14, GXY+17a, MSS+17, SCB87, SHZ+20, Sun+06, TLG+17a, TLG+17b, WXC+16, WMB+20, YLC+20, ZWW+18, ZSSJ+20, ZNI+14].

RGB-based [MS+06].

RGB-D

[CKH+18, CL+14, GXY+17a, SHZ+20, YLC+20, ZWW+18, ZNI+14].

RGB-space

[TLG+17b, TLG+17a, ZSSJ+20].

RGB2Hands

[W+20].

RGBA [UT+19].

RGBD

[GXY+17b, LCC+18, SXZ+12].

RGBXY

[TEG+18].

RGBXY-space [TEG+18].

[XCW+14].
CGW+13, CJAMJ05, CTM13, EDP+11, Fat11, FBLJ07, GM09, GKH+13, HJW+08, HPB07, HSD13, HWJ+15, HWH+16, JZW+15, KTBV16, KVG+19, LRR04, LF41, LWSF10, LWC12, LADL18, MRK+14, MSOC+19, NJR15, OJD04, OP11, ÖAG10, QCHC17a, RKLC+11, RAMN12, RAWV08, RJHD18, RKZ11, SJ17, SK13, SZG+13, VKK18, WPC+14, Wei08, Wei10, WW11, WWZ+06, XNY+16, YW13, YL12, YIC+10, ZHW+20, ZD20, EPM+14].

**Sampling-based** [LYvdP+10]. sand [KGP+16, TGK+17, ZB05]. sans [DBWG15]. Sassafras [Hii86]. sauces [NSS+19]. scaffoldings [DHL14]. scaffolds [SKS09]. Scalable [CB13, CZY17b, CS18, GGN18, HRDB16, LPLL19, PTC+10, RPPSH17a, RPPSH17b, WHSL11, AFTCOO7, BDT+08, CYZ17, DaV20, DML17, FZBR16, LCD+20a, LMAS16, MP04, MGT+03, REG+09, WFA+05, WQS+20, WGH20, YKC+16].

**scalar** [PSF09]. Scale [LZCX19, LYC18, ZSCM17b, Ang17, ASL+17, BPD06, BL15, BBA+07, CQD+18, DFZ+17, EDF+16, FFLS08, FM6B+17, FGBZ18, FYY+16, FAW19, FG14, GB13, GLDZ15, GNS+12, HP17, HHH19, IDN12, JP03, KGG+20, KFWM17, KSKL14, KPZK17, KABL15, LDPT13, LWL17, LSA+16, MHS+19b, MPH+15, MGP10, NZS13, PRFS18, PCHF18, RNCFG03, RGB16, SLW11, SSLS03, SG11, SJLP11, SJMP10, VSDL13, WTS10b, WSM11, WFDH18, WDR11, WDR13, XZJ+12, YIO+15, YSQS08, ZSCM17a].

scale-and-stretch [WTS10]. Scale-aware [LYC18]. scales [FG11, XL+10]. scaling [DZP20]. Scan [RWW90, ACP02, LKZ+20, ZSW+10]. Scan-Conversion [RWW90]. scanline [LHZ16]. scanned [XGC07]. Scanner [PCHF18, HLI10, WAO+09]. scanning [CDP+14, FZBR16, HWV+18, HCTW11, HDGN17, HFI+08, YSL+14].

**Scans** [FJA+14, ACP03, BR07, CZ11, LBB+17b, YNW16]. SCAPE [ASK+05]. Scattering [BBS14a, ESZ+17, FHK14, KM17, BAGL19, BGL20, BCRK+10, DWP+10, FD17, FCJ07, GKH+13, HFM+10, HH16D16, KMM+17a, LIJ+18, MJ+13, MGJ19, MM06, MW08, NZV+11, NGD+06, PBM+06, STPP09, SRB+19, SRN10, SZL10, VKJ19, WZH10, WTL05, XM+20, XH18, ZWDR16, ZYWK08]. Scattering-aware [ESZ+17]. Scenarios [TFD+18]. Scene [HE07, KSH+14, KZP+13, LL18, RO85, RO87, WLT20, ZXTZ15, ZYM+20, BHY15, CZM+10, DXZ+19, FSL+15, HZW20, KWB+15, KPZK17, KN06, LCK+14, LXS+18, MLZ+16, MPF+18, MGC+19, NSL2, NGK06, RST+08, SMZ+14, STZ+16, SMGH18, WSCR18, XM+14, XHS+15, YTS+11, ZNO6, ZHG+16, ZK13, ZXR+20, vdHDT+07]. Scene-aware [LL18]. scene-level [BHY15]. scene-space [KWB+15]. SceneGrok [SCH+14]. Scenes [DRC+15, JGC+15, JRSS21, KAEE20, LPX+19, SM17a, VLA15, YLC+20, ZWK14, AAC+06, AZ09, ADM+08, BSM+07, BF08, CLW+14, CXY+15, CAC+02, DKE+16, FSH11b, FCW+17, GTDS10, HKWB09, JM12, JF03, KR17, KNS+09, LRT+14, LD1A17, LGZ+13, MPP+18, MP04, MRA+13, MM1B15, NNDJ12, PFHA10, RSM+10a, RWS+06, SM17b, SKY+12, SXZ+12, SKG+12, SLZ10, TPWG02, WIK+06, WBS07, WL+19, WDB+07, WGL+18, XSY+17, YMR+13, ZSW+10, ZHL+05]. Schedule [LH17a, L17b]. schedules [RKAP+12]. scheduling [BDK+16, MAS+16, SKK+12, SKB+14]. Schelling [CSPF12]. Schematic [GCSS06]. Scheme [DLG90, LCC+19, DM13, PR97b, VB06, ZM11]. schemes [CAD09, LLL+08, WWT+06]. Schrödinger [KCP+16]. Schur [CZY17a, CZ17b, LMAS16, PAK+19].
Schur-complement [LMAS16]. scissors [WAC07]. Scope [FoH94, FoH95b]. SCORES [ZXC+18]. Scratch [WVJH17]. scratched [RGB16]. Screen [AW20, AAPS16, AAPS17, HLHR09].


Seam [AS07, DFZP09, LFJG17, RSA08, STP12]. seam-aware [LFJG17]. Seamless [APL15, CSZZ20, Lev21, SMHW16, FBPC020, KDM+16, LFH15, LSC+12, MGA+17, PMPHB17, LFJG17].

seamlessness [MS05]. seams [WSH19]. search [AMA+19, FH10, FMK+03, KSS17, NXS12, SH07, TYS09]. search-classify [NWX12]. searches [EPM+14]. Searchlight [WKRR99]. Second [EC93, MJGJ18].

Second-Order [EC93, MJGJ18]. secondary [DJ18a, KKN+13]. SecondSkin [DS15]. section [SBSS12]. Sections [PK83, BVG11, HZCJ17, MSM11, NCVM05, ZHJ15]. sediment [GPH+18].

see [ALK+17]. see-through [ALK+17]. Seeing [EMO10]. segment [SZG+13].

Segmentation [AASP17a, ST16, VFK+14, YSHWH16, AASP17a, AOP+18, ACA+19, CGF09, DAB15, HKG11, HFL14, JKSH13, KHS10, SSRB+17, SvKK+11, WGW+13, YGH+17]. segments [Gal99]. Seidel [FTP16].

Selected [KP92]. selecting [TMR14].

selection [AAMSB20, ACC05, FAC11, JKT+15, LSS09, OLAH14, XFAT12].

Selective [RHJD18, ZXL+21, MLH+09, XCS+14]. Selectively [BAAR12]. Self [BD026, CLQW08, MHS+19a, PHL+09, SHK+14, WWYW21, BJ10b, DPW+14, FF11, LGV+13, LDPT17, LB18, LPS+13, MIB15, MASS15, PSK+12, RBV+03, RKB+04, SPO10, SR+15, TOK14, VHWP12, WPL18, WLH+13, YY17, ZJ12]. self-adapting [PSK+12]. Self-animating [CLQW08]. self-augmented [LDPT17].


Semi [CSAP21, WAK20, YZX+18, BGOS06, DBD16, GABAM11, HDS+18, HSG13, Wan15].


semi-Lagrangian [BGOS06].

semi-structured [HDS+18].

Semi-Supervised [YZX+18, HSG13].

semidefinite [KABL14].

Sensations [OL03]. Sensing [MUH19, PRM14, GWP+19, HLR09, LTO+15, LGK+16, MYW15, PML+09, RP09, WYL+14].

Sensitive [SO92, UKIG11, JP04, JBP06, NBB04].

Sensitivity [XUC+14, YPG01, RP03]. Sensitivity-optimized [XUC+14]. 

Sensor [GPHSH19, JCA11, LOW18].

sensorimotor [NZC+18]. Sensors [JGN16, KZSR16, CHWH17, JKZS10, SZS+14].

Separating [CCW93]. Separation [SV93, CTWO9, EML+18, NKR06, SJR18].
Sequence [GW90, WL16]. Sequences [RKS+14, CLM+13, CKS+17, DPK11, LEN09, LD14, LCC+18, TS08, WC10, XZY+07]. Sequential [DVS03, KSS17, HET+14, LPBM20, RMGHI15].

series [CYW+16]. Session [Bae18, BC18, Bou18, Cor18, Did18, Gut18, Hac18, Iza18, Kii18, Kau18, Kim18, Lai18, Lee18, Li18, Lip18, Liu18, Mit18, Pan18, Rit18, Tan18, Tan18, Xu18, Zha18, Zho18, Zhu18a, Zhu18b]. Set [Day90, PVY90, SZB18, Aca07, AA09, AK04, ASG010, FCO03, FLH010, G007, HNB+06, HWG+13, HJC19, MBW02, NWC20, NNSM07, SrvK+11, WAvK+12, WST13, XZCOC12, YCL+15, ZM11].


SGGX [HDC15]. SH [NSF12]. shade [LBAD+06, LMPB+13]. shaded [OBW+08].

Shader [HHF+17, LS02, MDP+04, HFTF15, HFF16, Pe05, SAMWL11, SaLY+08, WYY+14]. Shader-driven [LS02]. shaders [FH11, HSS98, VAZ+09]. Shading [FHL+18, GZ08, KO14, MVD+18, MNV+21, NON85, RV89, ZDI+15, AB08, BS07, CDP+14, CTM13, CTH+14, CM14, FHB+10, HGF14, HFF18, HHDN16, HZI1, LMLH07, RMB07, RBD06, SPJT10, SSBS12, TiAB07, VBFG12, WZN+14].

Shading-based [GZ08, ZDI+15, WZN+14]. Shadow [CGC+03, McC00, MP09b, SCH03, WZC+20, WL16, AAM03, BCRK+10, EHDR11, GLY+03, LAA+05, LS07, LGO+08, PTG02, RGK+08, SOA11, SD02, WTBS07a, ZHL+05]. ShadowDraw [LZC11]. Shadows [GTB15, Hud92, KO14, ADM+08, KOF13, MWR12, NRH03, PSNB13, RMB07, RWS+06, SKO14]. shake [FSH+06]. shallow [WSZ+18].

Shape [BBB+93, BL20, BBGO11, CKPS18, DB88, HFW+19, HKC+18, IRHSH20, JS11, KFR04, MOR+18, OFCD02, PKG03, SK16, Sah18, SPH18, SS+17a, VFK+14, VR94, VTTSH15, WLX+18, WBCPS19, XWC+16, YYPM11, YZX+18, AKZ+17, ALX+14, AXZ+15, ASK+05, AFTCO07, BAS14, BBB+14, Boi84, BWKS11, BWSK12, BJ+12, CB17, CMLZ13, CI84, CWKB13, CZXZ14, CW17, CBW+18, CWC16, CSAD04, CSD+09, DLC+15, DFRS03, DYT05, ERB+12, FH07, FAR07, FvKBC06, GCO06, GSMC09, GYQ+18, GJWV15, HK12, HZC014, HK11, HGC0+12, HZG+12, HSG13, HWG14, HKW15, HLM+19, HOM15, HMI05, JBX+20, KCKK12, KMP07, KCGF14, KvKSHCO15, KST08, LVS+16, LXC+17, LBB+17b, LMAH+18, LXR+18, LORL07, LFZ18, LFJG17, LMB14, LKS15, LKWS16, MDNW15, MSM11, MDB+19, MHTG05, MBA+15, MHR+16, PRFS18, PMRMB15, RSH18b, RJ07, RCO10, RBD06, ROA+13, SS14, SB+17b, SHM+14]. shape [SSP07, SKAG15, SJA+20, TBW+12, TGB13, TMB14, TFG+13, VLD07, VBBF16, VKJ19, VP+09b, WAO+09, WGW+13, WJBK15, WL+17, WZF+18, WCPM18, WG10, Wim14, WML+19, XDPT16, XCOJ+09, XZCOC12, XFAT12, YKC+16, YGH+17, YHCO18, YK12, YK14, YCHK15, ZAJ+15, ZYL+17, ZX+18, vKXZ+13, vFST06, An10]. shape-adaptive [VKJ19]. shape-complexity [CB48].

Shape-Matching [BBB+93]. shape-proxy [MSM11]. Shape2Pose [KCGF14]. Shape2Vec [TD16]. ShapeAssembly [JBX+20]. Shaped [EPO91, HA92, MSS+19]. ShapePalettes [WTBS07b]. Shapes [CH14, EM94, HLM+17a, HJS+14, LYF+20, MLS+18, ACP03, GSV+17, HR05, HLM+17b, HSS+13, HZ+16, KH06, KLM+13, KSH+16, LMS13, LLV+12, LSQ+15, LYM18, LKG+03b.
LSCS14, MLYZ19, MSHS06, MZL+09, NB11, OLG11, OBSC+12, PSG+06, PWLH13, SHZ+20, SvKK+11, TD16, THW+14, UIM12, WavK+12, WSL18, WSH+18, XZT+09, YSC+16, ZAC+17. shapening
[CLC96, GMB17, MPI+18]. shared
[BAM13, KKB+11, WCPM18]. sharing
[SGM12, SSTT15, SMHW16]. sharp
[ASGCO10, FCS05]. Shear
[YSB+15, NSS+19]. Shear-Dependent
[YSB+15]. Shored
[YMRD15, ETH+09, EHDR11]. SHED
[KvKSHCO15]. shedding
[WP10]. sheet
[SMCT18]. sheets
[BUAG12, DBW15, NPO13, PTG12, PNdJO14]. shelf
[MHM+17]. Shell
[CTW+04, GUPZ20, PBFJ05, CSvR18, CQD+18, JSZP20, LCBD+18, NA+18]. shells
[BWEG07, CAJ09, CLF+18, GSLF05, GHD+18, KMB+09, MPB16, MPI+18, MKB+10, RK13, RMSG+08, Pucci19]. Shield
[LATX08]. shiftable
[MHM+11]. Shining
[KKRK+16]. Simple
[BR94, Dav20, FM84, LR90, LR91, LK12, MD94, S092, TPP+11, TM84, CPSS10, Gal99, GS02, HRH+13, LP02, SS+11, TSC+14, VMTF09, YLvdP07, ZY04]. simplest
[PR97b]. simplex
[FL16]. simplexes
[DeR88]. Simplicial
[JSP17, PBC09, CSZ16, ETK+07, FLSG14, GD02, MZD05, MB12, QZC+14, dGAD13]. Simplicity
[EM90, FLL16, PSB07]. simplification
[ABA02, CHP07, DSC08, DDS03, GSW+17, GZ05, LT00, LWH15, LXF15, OL03, Pe05, SCF+04, SAMW11, WYY+14, YLHX18, ZG02, ZCLJ20]. simplify
[SSIS16]. Simplicifying
[WM03]. simulated
[CKJ+11]. DH96, HRL15, HMLL14, MPP11, Sh08, WGH20, YCBvdP08]. Simulating
[BWRB05, CSAP21, CWS013, JGC+15, KJM08, LDHM16, LGF04, MM06, SCS0, SKL07, T0K14, WM14, ZBG15, FMB+17, FBCZ18, GTJS17, HMP+20, SSJ+20, SSB03, YLP12]. Simulation
[AGP+20, BSL+16, BK16, CZY17b, DKHS14, EM90, GDAB+17a, HWZ+14, HHI6, KLL+07, KKRK+16, LWG13, LBK17a, PMS12, RLY+14, SLST14, SDK18, SS00, XM18, AR15, BGS06, BGF017, BWH16, BML+14, BB12, BBB10b, BDW13, CMT+16, CXW+05, CKI15, CSvR18, CLC+20, CAR+09, CM11, CZY17a, CLMO14, CQD+18, CBK20, CCG+17, DBD16, DLF12, DLL+18, FLLP13, GDAB+17b, GKD12, GHH+20, GNS+12, GHF+07, GTH14, GSK02, GZ08, HMS05, HPJ12, HTC+14, HW15, HW16, HZW20, HG09, HH19, HIK+20, IGL06, JP02, JP03, JWJ+14, KHD14, KSN17, Kau18, KGB11, KTJG08, KJ09, KSYK10, KP11b, KD13b, KGK+14, KP03, LFT09, LPL17, LLI+11, LDN+18, LCD+20a, LTT+20, LB12, LMH15, LBK17b, LCT19, LK12+20, MKB+10, MWW+09, MB04, MYH+10, MC11, NGCL09, NS12, NZW20, NB11, NO13, OP0D10, OKRC10, PBH15.
This page contains a list of references and possibly some technical terms. The text is not organized into paragraphs and appears to be a collection of references and keywords related to computer vision and 3D modeling. The terms mentioned include "PDZ+18, PTC+10, QSH+15, RSM+10a.", "simulation [RNGF03, RK13, SSB+15, SML+12, SHD+18, SLF08, SABS14, SWL11, SMD+15, SOHK16, SG11, SSC+13, SKP08, SJLP11, TGK+17, TJM15, TWL+18, TBV12, TJ08, UHT17, UPSW16, VMTF09, VKS+14, VK16, WY16, WMB19, WPLS18, WRT+10, WLP16, WMW15, WZL+20, XCW+20, YJL+16, YLX+15, YCR+15, ZNT18, ZB13, ZSTB10, dSAP08].", "simulation-ready [ZB13]. Simulations [MSQ+18, Thu17a, ATW13, ATW15, BP08, BSG12, ISF07, Kim10, LIJ+15, LAD08, MBT+15, PSE03, RPC+10, Thu17b, TMPS03, YCL+17, YSC+18]. simulator [AB20]. Simultaneous [BJTK18, NLW+16, HVTG08, ISSI16, PTH+17, SKV+12, TFK+03, VSK+17]. Single [CWW+12, DAD+18, Fat08, GHG17, GXY+17a, HMLL15, HKW15, LO18, NZV+11, SYSI14, SBT+19, TFX+08, WZHB09, WYL+20, WS17a, YPA+18, BKG16, BKGK17, BS13, BCRK+10, BBB+10a, CLS+15, CSW+16, CYS+13, DMIF15, DTTPG11, DSC+20, EKD+17, FSH+06, GSY+17, GSZ+18, GXY+17b, GSLM+08, HSX+17, HLV+17c, JTC09, KSES14, KYC+17, LAGP09, LDP17, LXR+18, LKZ+20, LK20, MSS+17, MDB+19, PSB+08, SJA08, STX15, SHZ+20, SPDF13, SRNN05, SZ010, WGJ+18, WTL05, WSXC16, WSZ+18, WC12, WST08, WS17b]. single-camera [WGJ+18]. Single-image [DAD+18]. single-photo [GSZ+18]. Single-photon [LOW18]. single-shot [BGK16, BKGK17, BBB+10a]. Single-View [YP+18, CWW+12, HMLL15, HKW15, DSC+20, LAGP09, SHZ+20]. singular [KABL14]. singularities [SSC18]. Singularity [LZC+18, LLX+12]. Singularity-constrained [LZC+18]. singularity-restricted [LLX+12]. sites [KGFF14]. six [KKB+11]. six-user [KKB+11]. Size [LHJ+14, HCOB10]. Sizing [Bae82]. Skaterbots [GP+18]. Skeletal [HTCH15, JS11, LD14, LH16, LYO+10, WLH+13]. Skeletal-Surface [HTCH15]. Skeleton [ALL+20, AAT+08, SAA+21, ULP+15, BAS14, CGC+02, HWC+13, KP11b, LYG13, TZO10]. Skeleton-aware [ALL+20]. skeleton-driven [CGC+02, KP11b, LYG13]. skeleton-mesh [BAS14]. Sketch [ATW+17, CNX+08, ERB+12, ST14, ST16, TPSH13, ZIH+11, BMD+20, CBL+16, DS15, EHA12, FPBCO20, LPL+18, LW15, NSAC05, PHS+18, SSISI16, SSISI18, XCF+13, YVG20, ZLW+18]. Sketch-based [ATW+17, CNX+08, ERB+12, TPSH13, ZIH+11, CBL+16, DS15, LPL+18, NSAC05, PHS+18, XCF+13]. Sketch2CAD [LPBM20]. Sketch2Photo [CCT+09]. Sketch2Scene [XCF+13]. Sketches [IBB15, GHL+20, HFL14, KH06, LZ04, LRS18, SBSS12, SLZ+13, TD16, XCS+14, YCYW20]. SketchMo [CBL+16]. Sketching [BSM88, CKX+08, JHR+15, KG05, SSISI18, BSM+13, BMD+20, GRGC15, HGY17, JZH07, LPL+17, LPBM20, NGDA+16, PKM+11, PSE03, SLWF14, TbvP04, WTS07b]. SketchPatch [FPBCO20]. sketchy [SBHH16]. Skills [HL14, CBV+08, CKJ+11, LH18, PBvdP15, PBvdP16, PBVY17, PALvP18, PKM+18, YCBvP08]. Skin [CBKM15, NFA+15, BBN+12, DWD+08, LSNP13, LST+19, PH06, PH08, SMP03, TOS+03, VBG+13, WWY+13, WMP+06]. skin-frame [WWY+13]. skinned [BBP12, FKY+10, LMR+15]. Skinning [BL18, JTO5, LJS14, JBK+12, JZvdP+08, KCC008, LD12, LD13, LH16, LL19, MZS+11, MK16, SZT+08, VBG+13, VGB+14]. skins [MG03]. Skipping [KJ09, LNLB16]. Skippy [KYC+17]. skull [KHS03]. Sky
AW20, ACP03, AP08, ATDP11, BSW02, BYRN17b, BKCO16, BCWG09, BBB+14, CBD13, CLW16, CGZ08, CÖS19, DCD15, HPJ12, HMT+12, JL11b, JTL+12, JTSW17, KHD14, KSSHG18, KMP07, KWB+15, LAKL11, LH06a, LSCO03, LC15, LKG+03b, LHZJ20, MVH+17, MMG06, MHC+16, NBLCO20, RHSH18b, RH02, RMOW20, RJN16, SNK+13, SXZ+17, SGM+16, SvKK+11, SMD+15, SAZ06, SZLG10, TEG18, TMDK15, WCPM18, WAKB09, Wym05, XB16, YYPM11, YYW12b, ZSSJL20, TLG17b. Space-Filling [Shn92].

Spatial-time [GRGC15, LLKP11, LHöG+14, SAL+08, ZIT+18]. space-warp [LKG+03b]. spaced [Gos00]. Spaces [KP92, DCP14a, HRV97, Lip12, OKH+17, SHP04, SJA+20, TYG+09, VABW09, ZCC16, dASTH10].

Spatialtime [PM17b, SLS+12, ZSCS04, HsvTP12, PM17a, SvTSH14, XWW+14]. SPAD [SZD+20]. Spark [FH11]. Sparse [ASGC010, BFGS03, FGBP11, HSB+12, HSW20, NVW+13, NSF12, WLX+16, WLZ+21, ZCD+16, AGL+17, ALS+18, BBN+12, HLSO12, HDA17, HKA+18, KWB+13, KSA13, LLDD09, LD13, LMB14, Mus13, ODAO15, RTK+15, SvTSH14, SABS14, SNF05, SL17, TZK+11, TKKT12, TS12, XYYJ13, XSHR18, XB+19, dAST+08].

Sparse-as-possible [ZCD+16]. Sparsely [HWZ+14, LHZ+18]. Sparsity [SHD+14].

Spatial [BS16, GRS+17a, HKT10, LLWD14, BSB17, DH06, GB08a, GAB20, GRS+17b, LBJK09, LH06b, LKG+03a, LGX+13, WLX+19, YI17]. Spatial-spectral [LLWD14]. Spatially [WK21, BJ10a, BATU18, DWP+10, DTPG12, DCP+14b, GWN+03, GCH+19, HMP+08, JAG18, LXR+18, MAG+09, PFB+20, TKG18, TFK+03, WRG+09, XDPT16]. spatially-aware [TFK+03]. spatially-correlated [GCH+19, JAG18]. spatially-varying [DWP+10, DTPG12, LXR+18, MAG+09, WRG+09, XDPT16].

Spatio [ZM13, BKB+15, GBAM11, KZP+13, VBS05]. Spatio-angular [KZP+13]. Spatio-temporal [ZM13, BKB+15, GBAM11, VBS05].

Spatiotemporal [PKC+17, YPG01, ASK+12, HLR+14]. speaker [EML+18, NKAS08, YCL+20, ZHS+20]. speaker-aware [ZHS+20]. speaker-independent [EML+18].

Speaking [SDO+04]. Spec2Fab [CLD+13]. Special [BG89b, Fol86a, Fol86b, Fol86c, FGNS, Pha18, Ros94, Sto92, WKR99].

species [TGK+17]. Specific [CM21, DMZ+17, ALLD17, SHP04].


spectra [BDM09, SJ17, WPC+14]. Spectral [DBG+06, FHL+18, GO17, HZM+08, KBC+13, KHLN17, LJJ+14, LJ19, ÖAG10, WBCPS19, YM16, AHD15, AAMSB20, BCG05, CLJL20, CJN+17, FMR20, HW12, KYS+15, LLWD14, PMHD19, RZK11, SvvKK+11, SLMR14].

spectroscopy [KR+12]. spectrum [BWWM10, Fre16, ZHWW12]. Specular [CA00, IM12, JM12, KYYL08, LZJ20, SJ18, WHY20, XH18, YHJ+14, YHMR16, YHW+18]. Specularly [RT+90].

Speculative [AVGT12]. Speech [YCL+20, CTFP05, CB05, EML+18, EGP02, OLSL16, KY+17, ZXL+18].

speech-driven [CTFP05]. Speed [GHC88, KRF+18, PSBM07, TAH+04].

SPGrid [SABS14]. SPH [AIL+12, AAT13, BGI+18, GPB+19, GBB+20, HWZ+14, JZ+15, PICT15, RLY+14, SB12, SP09, WHK17, WK21, YJL+16]. SPH-Based [HWZ+14, JZ+15]. Sphere [HH16, TGBE16, TPT16, BO04, LF08, VPR19, TGB13]. Sphere-Meshes
Spherical [AKL17, BXH+04, BO04]. spheres [Hu896, SHWP09].
Spherical [VAC17, BXH+18, BF01, CCW93, KISS15, PH03, SB15, DHB17, GCP+10, GFT+11, GGS03, HKWB09, HIK+20, KSH10, KHI+11, KWN+17, LKK+16, MWM08, RWS+06, SHL+17, TAV+10, TGB13, TS06, TFG+13, WR18, XSD+13].
Spin [BWBSH14, CPS11]. Spin-VR [BWBSH14]. spinmable [BWBSH14].
Spin VR [KDMW17]. spiral [ZZX+18].
spirals [ZGH+16]. splash [YCYW20].
splashing [GB13]. splatting [GLA+19, LSR18, WFW+07]. Spline
[BS88, BS90, CL87, Joe90a, KPP17, Kla91a, LT08, RLU95, SDG+19, Seif93, SYSP14, tOV96, BA83, CG89, PU06, SCF+04, WPL06, GBK05]. Splines
[BBB+93, BF01, BB83, FB95, Joe90b, Las90, PP93, Pnv83, Pra89, TB87, Yuk20, tOV96, wSV4, BB83, CZ17, CLS85, Coh87, FW12, FSH11a, HP04, Joe9, KA08, LT09, LJG14, Pot91, SZBN03, YHB05]. split [WGTG09].
splitting [TBV12, VK16, YWWV13].
Spoke [MEA+18]. Spoke-Darts [MEA+18].
SPOT [BC19]. spots [DFW20]. spray
[IGP+17, NO13]. spray-on [IGP+17].
Spreadsheet [Hud94]. spring
[LBOK13, SLF08]. square [CLC+20].
squared [LZL+20, WPL06]. Squares
[BW93, DMZ+17, LZH+20, FCOS05, HFG+18, LPRM02, SMW06, WJL+20]. St.
[Bjo5]. Stability
[YKGA17a, LK+15, SMZ+14, YKGA17b].
stability-based [SMZ+14]. Stabilization
[CK20, TWLT19, BB14, FL11, GF12, Kop16, LGJA09, LGW+11, LYT+13]. Stabilized
[CCWL18, WMB19]. Stabilizing [DLK18].
Stable [CK02, DJB+10, ETK+07, Hob91, SDK18, SSK05a, TNGF15, dASTH10, FTP16, MLB16]. Stackabilization
[LAZ+12]. stacking [GBF03]. stacks
[CKS18]. stage [ALY08, SXZ+20, ZLW+18].
Staggered [HLW+12, KSJP08, XCW+20]. staggered-tilted [XCW+20]. Stair
[KTB16]. stand [PWLSH13]. Standard
[UTB+19, RFWB07]. Star
[MSS+19, SPO10, KS04a]. Star-contours
[SPO10]. Star-shaped [MSS+19]. state
[OKH+17]. Static
[FV96, SPV+16, FKY+10, HLH+17].
Station [Lev84]. stationary [AWL15, AIH+08, RCOL09, ZZB+18, MFR+10].
Statistical [KV05, MA06, Bel18, CH07, GGY18, GMP+06, GvDBL+12, LW502, LWL17, LCT19, WMC11]. statistics
[BAGL19, BGL20, Fat07]. Steady
[RL11, DHL14]. Steerable [AS02]. steering
[CAR+09, OPD10]. steganography
[PHN+12]. Steklov [WBCPS19]. Step
[WSM11]. Stepping [WLF+20]. steps
[KJ09, TJO8]. Stereo
[HNH19, WF96, ZTF+18, AWGBO4, BGK16, FKN17, HGG+11, KDR+16, KDW+17, KK20, MCE+17, VPB+09b, WSVT13]. stereo-to-multiview [KD+17].
Stereological [JDR04]. stereoscope
[HCW15]. Stereoscopic [KLN13, LV918, DMHG13, KKB+11, LHW+10, L5C+12, NFL12, OHB+11, TDM+14].
Stereoscoping [LMY+13]. stereoscopy
[KHH+11]. Sticky [tOV96, FQL+20]. Stiff
[CSAP21, PAK+19, MSW14]. stiffly
[MLT17]. stiffness [VMTF09]. still
[XWL+08]. stills [OEE+18]. stippling
[DZT17]. Stitch
[WGF+18, WSY19, YKJM12]. Stochastic
[Coo86, CHPR07, GKH+12, HJO9, LSH+16, Lew87, Ozt16, VR94, CGZ+05, GGY18, JHY+14, LAKL11, SK13, YIC+10, Pax90, WP90], stochastically [RMGH15]. stochastically-ordered [RMGH15]. stock
[KSES14]. stokes [DWS+20, LBB17a].
stone [SZB18]. Stop [AJJ20].
Stop-motion [AJJ20]. Storage [WHHY20].
Store [WES88]. Storing [SW85].
Stormscapes [HMP+20]. storyboarding
[GCSS06]. straight [MSW+09]. strain
[PBH15, WOR10]. Strains [WMB21].
strands [SJLP11]. strategies [SK13].
stratified [ZD20]. streaks [GN06]. stream
[ATW15, BAM14, BFH+04, HZG09, 
HHN+02]. stream-processing [HHN+02].
streamable [CCS+15]. Streaming
[ILS06, KH08, KDMW17, KLBG09, 
MVD+18, SBZ09, TDL+18]. streams
[AMN03]. Street
[KCCS10, CEW+08, XFZ+09]. street-side
[FXZ+09]. strength
[FZZ+20, LZX+14, SVB+12, ZLB16a].
Stress [MHS+19a, SVB+12, MIB15, PRZ17, 
PNH+14]. stressful [MWM+02]. stretch
[GWP+19, WTS+08]. stretch-sensing
[GWP+19]. Stretchable [GPHSH+19, JS11].
stretches [XSZ+15]. Stretching [KySK09].
Strict [LZ14]. String [KMM17b, KMM17c].
strip [CK14b, MS04]. strip-based
[MS04]. Stripe
[KCP+15]. strips [CK14b, TSM+16].
stroke [LYF+12, XKS+06]. stroke-based
[XKS+06]. StrokeAggregator [LRS+18].
strokes [HTER+04, KMM+02]. Strong
[GBP+19, TB20]. strongly [FQL+20].
Structural
[LF02, LLN+14, WSW+12, ALX+14,
BSFG09, FSH11b, IIOO05, LSD+16, LLW17, 
PMW+08, SVB+12, SKAG15, ZPZ13].
structurally [DLL+15, WOD09, ZCT16].
structurally-sound [WOD09, ZCT16].
Structure
[CAO09, FMLW14, FvKBC016, HGM14, 
KEE13, LCOZ+11, LLR13, MDL15, 
PQW+08, SFC12, XZW10, XYXJ12, 
ZXTZ15, ZJMB12, CMZP14, DH06, 
GPW+17, HYG+13, HKA+14, JAM+10, 
JBY+20, LDHM16, LGF04, NGH04, 
RGF+20, SAS14, SYJ15, UM17, 
WJH17, WWL+19, ZLC+13, YCZ11].
Structure-aware [CAO09, LLR13, 
PQW+08, ZJMB12, WWL+19].
Structure-based [XZG+10].
structure-driven [HYG+13].
structure-from-motion [CMZP14].
Structure-oriented [FvKBC016].
Structure-preserving [KEL+13, LCOZ+11].
Structured
[ARJB03, GIZ90, Kau18, LMD48, SSM+89, 
HDS+18, KFWM17, LKK+16, LBW+14, 
MCT15, RGB16, RHDG10, SMCT18].
Structures [GUP+20, GJB+20, vOV+96, 
BPB+11, BSL+14, JTSW17, 
JDBM05, KPP+17, LSK+06, LXC+17, 
LCC+18, LYO+10, MLB16, PKLI+19, 
PLW+07, SBZ18, STK+14, SHOW02, 
SFG+13, Ter18, WWY+13, YCC17, 
ZHRB13, dGAOD13, vKXZ+13]. Study
[CMS95, LJJH11, RGG+10]. stuffing [LS07].
stunts [TGLT14]. Style
[BSM+13, GMHP04, HPP+05, HLV+17a, 
IWH20, LZXV19, LHLF15, SPB+14, 
XLZ+10, AWL+20, FTP03, GAGH14, 
HLV+17b, KGS+18, KAG+20, LJJH11, 
LHP05, LKS15, LKWS16, MBB12, NKA08, 
PO08, SDC18, SED16, SBLD15, WPP14, 
WXY+11, WOC15, XLLW20, YNS19, YM16].
Style-based [GMHP04]. Style-content
[XLZ+10]. Style-Defining
[HLV+17a, HLV+17b]. style-synchronized
[KGS+18]. Styles
[YZX+18, LP10, SHU+16]. stylistic
[CCL+12]. StyLit
[FJL+16]. Stylization
[DS02, FJL+16, FPBC020, LLYD12, 
ZAJ+15]. stylize [ZAJ+15]. stylized
[FJS+17, KLMF03, LMBP+13, RTP+04, 
TIAB+07, WAM16, dSPA08]. Stylizing
[BCK+13, JST+19, EBGB14]. Sub
[NID20, CMSA20, HA18]. sub-grid
[CMSA20], sub-meshes [HA18].
Sub-Paths [NID20]. subband [LSA05].
Subdivision [AB08, Che92, CY20, DLG89, 
Gol85a, Kla94, Lew87, Rap91, dGDMD16, 
BFK+16, CADS09, DM13, HSH10, ISD04, 
KP07, KS98, KBB+15, LEO+06, LYL08, 
LG14, LSO8, LSNC09, MRF06, MFR+10, 
MP09c, Nas87, NLMD12, PO08, PR97b,
subdivisions [GS85, PVR18]. SubEdit [STPP09]. Subjective [ASN+20]. Submissions [Obis88]. Subspace [BJ10b, HTC+14, HZ13, HSL+06, KD13b, LGW+11, MA07, PBH15, SS19, TMDK15, AKJ08, BJ05, MHR+16, SSR20, TOK14, WJJK15, WMW15, XB16]. Subspace-based [SS19]. substance [NZWC20]. substrate [PH15b]. substructure [ZXC+18]. Substructuring [PAK+19, BZ11]. Subsurface [FHK14, DW+10, HFM+10, PvBM+06, STPP09, VKJ19]. Subtle [BMSG09, WRS+12]. subtractive [MAYZ+20, ZJ18, ZZX+18]. successive [FZL+15]. suggesting [LRFH13]. suggestion [CXY+15]. suggestions [CK10, JTRS12, SSK+17]. Suggestive [DFRS03]. sum [BDD11]. summarization [DTP15, WWT+10]. summation [ZB14]. Summed [NMLH14, NMLH11]. Summed-Area [NMLH14, NMLH11]. Super [BAC+06, CBD13, NYY04, SZD+20, GGY18, SDP+18, SXZ+20, WDGE+19, XFC18]. Super-helices [BAC+06]. Super-resolution [SZD+20, GGY18, SDP+18, SXZ+20, WDGE+19, XFC18]. supercompressed [KPM16]. superimposed [AYL+12]. Superimposing [BI08]. superresolution [HLR+14]. supersampling [DVC09, DEM96, YNS+09]. Supervised [YZX+18, HSG13, SSK+17]. Support [DWW+18, AFR+07, CK10, ISD04]. Support-free [DWW+18]. supported [SFLM04]. Supporting [Hil86, MHS+19a, DPW+14, LPS+13, MIB15, VHW12]. suppression [LSL+18]. Supra [WWH04]. Supra-threshold [WWH04]. SURE [LWC12]. SURE-based [LWC12]. Surface [BI92, Bli82, CG89, DHB+16, DNZ+17b, DLG90, EC93, EK98, FNO89, FG90, FB95, GLL+16, HWZ+14, HOZ+19, HH16, HTHC15, HM20, KM97, LSSW19, LC96, MBT+15, Mi87, PM05, SO92, SYSP14, TG17b, VBF12, YIC+14, ZWK14, Zyd88, dFP95, AMCO08, APL14, APL15, AAT13, AB20, ABA02, ACA+19, ASL+17, BUSB13, BHMK+18, BHIK14, BLN+13, BHW13, BBB10b, CBCG02, CSPF12, CB13, CMSA20, CMMK15, DBG14, DNZ+17a, DTB06, DBG+06, DCP+14b, EB14, FG14, GZ08, GWM+08, GTR+06, HTG14, HSTP11, HLZ+06, HLZ+09, HZ82, HGMRT20, JCW09b, JSMF+18, KH13, KG06, LDK+18, LDPT17, LKK+18, LPL+18, LF09, LTJ18, MCK+17, MFL17, MiK87, MASS15, MBW02, NHH04, OBS04, PO08, PKG06, RRT+10, STJ+17, SAPH04, SS10a, SSZC10, SACO04, SLS+07, SAL+08, SC18b, SCGT15, SWW+20, SKM10, SS11, TWB003, TWGT10, TG17a]. surface [VGB+14, VP+09a, VMT06, WZT+08b, WLZ+09, WYY+14, WYL+20, WYH17, WFM+07, WPMR09, XDPT16, XZZ+14, YHZ+14, ZJ18, ZM05, ZM11, ZGW+13, ZQC+14, ZBG15b, ZHC15, ZPKG02]. Surface-only [DHB+16, HMD20]. Surface2Volume [ACA+19]. SurfaceBrush [RRS19]. Surfaces [And82, AOBCB15, BIW93, BHN98, BS88, BS90, BSTY15, Che92, CMO91, DWMG15, ESBC19, Fil89, Joe90a, JHR+15, KPP17, KKMI17b, LM91, LDW97, LC96, MHS+19a, MSS92, RHSH18a, Rap91, Roc89, SB85, Sar00, SLM+17a, SG17, SJW20, TBWP16, War92, AB89, ACXG10, AA09, AK04, ASGCO10, BX03, BW13, BMBZ02, BHLW12, BWWM10, BFK+16, CI97, CS09, CPS11, DvGNK99, DJBJ19, EKS10, EK10, EMF02, FCOAS03, FLHCO10, GOMP98, GG07, GBK05, HSH10, HC19, KMM17c, KYYL08, KTT13, KCP15, KLCP18, KP03, LCC18, LJJ+18, Lev06, LFS16, LPL+17, LB18,
LPW⁺06, LPS⁺13, LJJG14, LD89, LB06, LS08, LSNC09, LKYU12, MGA⁺17, MIB15, MRF06, MFR⁺10, MAB⁺15, Nas87, NISA07, NLM12, PZ07, PCL+12, PLPZ12, PBSDH13, PSF09, PKD+19, POT17, PV06, POC05, PSB⁺08, PU06, PWB19, RRS19.

surfaces [SHWP09, SF09, SPSH14, SLM⁺17b, SKS02, SOS04, SF07, SS10b, SSJ⁺20, SRGB14, StA03, TSN10, TDG18, TZZ⁺02, TO02, VBCG10, VdFG99, VHPW12, WM05, WSM11, War89, WDB⁺08, WG09, WGL⁺18, WZYR19, YHJ⁺14, YZ04, YT13, ZMSS18, ZZV⁺03, ZMT06, ZSN0, ZHX⁺07, vW09]. surfacing [PLS⁺15]. surfel [AD03]. surfel-bounded [AD03]. surgery [MCS15, TR98]. surgical [CAR⁺09]. surroundings [VAV⁺07]. Survey [DKHS14, Gre86, GB08a].

suspected [FOA03]. SV [RGB16].

SV-BRDF [RGB16]. SVBRDF
[AWL13, AWL15, BJTK18, DAD⁺18, DWT⁺10, GLD⁺19, GSH⁺20, NLGK18, Zha18, ZCD⁺16]. SVG [YWH13].

swapping [BKD⁺08]. Sweep [CZS⁺13].

Sweeping [vW84]. Swimming
[SLST14, SHU⁺16, TGT11]. swings [CB05]. SwingWrapper [AFSR03].

Switchable [SMH⁺11]. Symbolic
[EC93, BCT15, Gue07]. Symmetric
[CC19, JTC09, vW09, GWAB19, LF08, PLPZ12, RS19, SR97, YTL18].

symmetries [MSH06, SHZ⁺20, THW⁺14].

Symmetrization [MGP07]. Symmetry
[BSEH18, KLF12, LCDF10, RS14b, BWS10, CMZP14, LSS⁺17, MGP06, PZ07, PGS⁺06, RVL10, WFW⁺10, ZXZ⁺09, XZJ⁺12, ZJX⁺13]. Symmetry-guided [KLF12].

symmetry-summarization [WWF⁺10].

SymmetryNet [SHZ⁺20]. sync [SSKS17].

synchronized [KGS⁺18]. Synchronization
[Hil86, ELFS16, WSZ⁺14]. Synchronized
[HKHL09, SJAA⁺20]. synchronizing
[HLW⁺19, LJ14]. synchronous
[HLZ10, HZG08]. synopsis [ACCO05].

Syntactic [SG91]. Synthesis
[AFP⁺95, BSL12, CZX⁺16, CBvdP08, DBP⁺15, HM02, JWDL19, LWW⁺01, LP02, R085, RO87, SCO17b, TZL⁺02, WB08, YL12, YBY⁺13, ZZV⁺03, ZYM⁺20, ZFT⁺21, AAL16, AVB08, AJM12, AFO03, BSHK04, BDT⁺08, BNB13, CDSHD13, CWL12, CT17, CLG⁺16, CWTW17, DSB⁺12, DLL⁺15, DLKS18, EVC⁺15, FP03, FH04a, FJS⁺17, FPBCO20, FRS⁺12, FSL⁺15, FRS19, FAW19, FCW⁺17, GGY18, GPD⁺18, GMP⁺06, HET⁺14, HRG08, HWRH13, HAB20, HSK16, JYL09, JBX⁺20, JHS12, KWR16, KCK12, KGS⁺18, hKPS03, KLF12, KFCO⁺07, KP06, KSE⁺03, KEBK05, LES09, LH05, LH06a, LH10, LSR18, LF14, LIT09, LWS02, LSA⁺16, MJC⁺08, MWZ09, MPF⁺18, MM08, MSOC⁺19, MC12, MYH⁺10, NSCL08, ÖG12, PHL⁺09, PCSS06, PZ17, PB02, RYL13, RCOL09, SHM⁺18, SCO17a, TZN19, TOS⁺03, WZT⁺08b, WYZG09, WHR010, WSCR18, WQLJ18, WHZ⁺08, WLHR11, WLHR12, WY04, XKF⁺18].

synthesis [XUC⁺14, XBS⁺19, YYTC12, ZG04, ZJMB12, ZHW⁺06, ZJL14, ZZB⁺18, ZTF⁺18, ZFW⁺18]. Synthesizing
[LK20, NSB13, RHDG10, SH04, SSKS17, YKH04, YY+W⁺12a, CYT⁺18, NRH17].

Synthetic [LCV⁺04, MHS⁺19b, PTSG09, PC82, WJG⁺18, ZMN⁺19, BDI⁺02, CRN08, KHFI11, OPO10]. synthetic-vision [OPO10].

System
[AJS20, CM83, EHSN20, GF82, LZCX19, SG86, Bly06, BTFN⁺08, CSTP16, DHO05, FNvD82, GPCP13, HGY17, HFTF15, HFF16, HGG⁺11, HWR14, HMT⁺15, JLF⁺09, KHLG09, LZ04, MGAK03, MP04, MIW16, MI07, NJS⁺11, OEE⁺18, RKK5⁺07, SPJT10, SSV⁺04, TL04, TKTS11, WZK⁺17, WS99, YCL⁺17, ZPKG02].

Systems
[FH97, GJB⁺20, LN84, PAK⁺19, Ree83, WW82, ZIH⁺11, ACXG09, FLP14, GHZ⁺20, HFF18, HDA17, KSJP08, LTT⁺20,
LBOK13, SSB⁺15, SHS⁺04, SHHW16, SAZK06, TZCT20.

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 [NMLH14, NMLH11]. tabletop [Ano03].

Tactile [LDS⁺16, TGZ18, BP12, SPGI13, TWZ20]. tags [MWH⁺09, RBvB⁺04]. Tailored [POAR12]. talking [CLC96]. talk [SQRH⁺16]. talking-head [FTZ⁺19, ZHS⁺20].
talking-head [FTZ⁺19, ZHS⁺20]. tall [CM11]. Tangent [BS88, COS91, PP93, FSDH07, VB06]. Tangent-space [COS91]. tangents [HLHZ08]. Tangible [JPG⁺14, Ano03, GMP⁺16].
tangle [SP16]. Tanks [KPZK17]. TAP [HXC⁺20].

TAP-Net [HXC⁺20]. tapestries [BSGF10]. Target [FL04, GR5⁺17a, GR5⁺17b].

Target-driven [FL04]. Task [AvdP16, Cas91, CBvdP09, SKB⁺14].

Task-Analytic [Cas91]. Task-based [AvdP16, CBvdP09, SKB⁺14].
tasks [BSL12, GSCO12, MTA⁺20, YKH04]. Tau [Las90]. Tau-Splines [Las90]. Taylor [ZRLK07]. tearing [PNJ014]. Technique [EM90, Ree83, Res87, JM12, JB02, KSHG18].

Techniques [And83, HL14, Jan91, Kaj83, Ois88, RO85, RO87, SWZ96, UBV99, CB04, IGLF06, JDR04, JASR99]. technology [BP12].
teeth [VPB⁺18, WBG⁺16, YSW⁺20]. tele [HYG⁺13]. tele-registration [HYG⁺13].
teleconferencing [JLF⁺09]. Telepointer [RO94]. Telepointers [RO94].
telepresence [GWN⁺03]. telescoping [YCC17]. templates [JZvdP⁺08, KLM⁺13, PYW14, ZHG⁺16].
temples [KPZK17]. tempoGAN [XFC18]. Temporal [AECO15, LAC⁺11, MKD⁺16, OHX⁺14, WGP⁺10, BGSF10, BBK⁺15, BTS⁺15, GBAM11, LWA⁺12, LBJK09, VBK05, WFS⁺09, ZRLK07, ZM13]. Temporally [ASC⁺14, HKAK16, LLV⁺12, MNV⁺21, XFC18].
tension [PTV⁺17]. tensegrity [PTV⁺17]. tensile [VMTF09].

Tension [BB83, DLG90, AAT13, CMSA20, GMB17, SZB18, TWGT10, WLJ⁺20, ZQC⁺14].
tension-actuated [GMB17]. tensioned [Coh87].

Tensor [HLW⁺19, PRK⁺17, SG17, Tsa15, WLHR12, TS06, TS12, WWS⁺05, XZY⁺17].

tesselation [VdFG99].

tessellations [FBF⁺09, GBK05, HMAM09, LWL⁺09, LSNC09, NL13, ZS00, BA08, LL10].

tessellations [BLIG⁺16, LXY⁺16, ZMSS18]. Testbed [WW82]. Tetrahedra [FAER11, PV18].

Tetrahedral [HZG⁺18, ACYD05, ATW13, KTY09, LS07, PRP⁺15]. tetrahedron [TWAD09].
tetrapuzzles [CGG⁺04]. Text [FTZ⁺19, HAB16, XZZ18, JMD⁺17, RMBB⁺13, SFLM04, YCL⁺20]. Text-based [FTZ⁺19, JMD⁺17]. Texture [CS00, DYT05, KEBK05, LLX⁺01, LPC⁺11, LHVT17a, MZD05, MHC⁺16, SOC17b, SS00, SWWW15, TBTS08, TB87, WK95, AAL16, BKC016, BKR17, BNTS07, BD02b, CTW⁺04, CLKL14, CSHD03, DvGNK99, ESZ⁺17, FH04a, FCGH08, HP03, HRRG08, KB07, KLF12, KFCO⁺07, KSG03, LH05, LH06a, LPRM02, LWS02, LH04, LDHM16, LSA⁺16, LHVT17b, LFB⁺13, MWG09, MS13, MCHAM06, Nah20, PKCH18, RA106, SOC17a, SdS02, SXD⁺12, TZZ⁺02, TOS⁺03, TT09, WSH⁺16, WHZ⁺08, WY04, XYXJ12,
ZG04, ZMT05, ZHW+06, ZZB+18].

Texture-Based [SS00]. Texture-lobes [LPC+11]. textured [BGB+05, PKC+16, WM03].

TextureMontage [ZWT+05]. textures [AZP+05, AS02, BD02a, CGZ+05, gDGPR02, DYN03, FAW19, GP08, GP09, JDR04, JP02, KMB+09, KPM16, LHL10, LGG+07, MWT11, MWL13, MZD05, MPH+20, NSX+18, ONO04, PZM+15, PZO8, RCOLO9, SXD+12, TOII08, TZN19, TWW+20, WZYG10, ZZV+03, ZHHZ20].

Textureshop [FH04a]. texturing [CH02, GSV+14, PB02, VSLD13, XCOJ+09].

texture [WL16]. their [Fat09a]. theme [WYW+10]. theories [LJGH11]. Theory [APH+14, CA00, HZE+19, JSKJ12, BB17, DPF03, FCJ07, JNSJ11, LDF14, MSRB07, RAMN12].

Therman [BTFN+08]. There [PVR18, ISSI16]. thermal [HZW12].

thermoforming [SPG+16]. thickness [ISN+20, YSC+16]. Thin [HWZ+14, LSNP13, ASL+17, ABO16, BMWG07, BDW13, CAJ09, CSvRv18, CQD+18, Dav20, FSH11a, GRBN09, GSLF05, GHF+18, HLHR09, LCC+18, PNdJO14, RK13, VRBC18, VLD+13, WT08, WTGT10].

thin-plate [FSH11a]. thin-shell [CQD+18].

things [Iza18]. think [BDM+20]. thinning [NSS+19].

threads [BAV+10].

Three [CKH18, CCW93, CCMG91, COSL98, Day90, EM94, Gre86, JSMH12, SG17, WF96, BB091, Boi84, IGLF06, SLWF14, UB18].

Three- [CCW93]. Three-Dimensional [CKH18, Day90, EM94, COSL98, JSMH12, BB091, Boi84, UB18].

two-level [SLWF14]. threshold [WWH04, ZF03].

tight [DML17]. tilable [FLHCO10]. tile [CML+17, WPC+14]. tile-based [WPC+14].

tiled [MS05, YBY+13]. TileG.AN [FAW19]. tiles [KCODL06, LD06, CSHD03]. tiling [vW09]. tilted [XCW+20]. Time [And83, AIH+08, BYG96, BJ05, BKCO16, CWTW17, DNZ+17b, DLK18, GTR+06, GXY+17a, GNHM15, GVNB18, HXZ+19, KZSR16, KIM+19, LBK17a, MBGS15, MOR+18, Mey91, MNV+21, TZZ+18, TSLP14, VTSSH15, WLF+20, WSW5, ZXTZ15, ABW+17, ASA+09, ADN+08, BHR13, BF08, BZ11, BMSR20, BAOR06, BM07, BK04, CHWH17, CWLZ13, CHZ14, CBZB15, CWW+16, CKH18, CWWL18, CH02, CPD07, CB13, CM11, CT05, CHP07, DNZ+17a, DRvdP15, DLL+18, DYN03, DHO005, SDK+16, DDF+17, EMU15, FKY08, FYK10, GO12, GCB+17, GSKJ03, GRGC15, GXY+17b, HV04, HED05, HFF18, HRE+08, HHH15, HDHN16, HSW+17, HKA+18, Hub96, HESL11, JBPS11, JP02, JTL+12, JKT+15, KWB+13, KNS+09, KCODL06, KRF+18, KAMJ05, LEN09, LH16, LES10, LCE11, LTK09, LLKP11, LHG+14, LGL+19, LLX+01, LFTCT13, LHLK10, LXC+15, LBK17b, LHZ+20, LB06, MMCK14, MHH+17, MBP+18, MP04, MP08].

time [MSS+17, MDB+19, MCK13, NSX+18, NMD+17, NOP+18, NZV+11, NZSI13, PZ08, PO08, PVG19, PC05, RSM+10a, RWS+06, RTK+15, RJ07, RHL02, SAL+08, SZT+08, SGXT20, SHHW16, SCT+15, SL17, SSI18b, SKS02, SRNN05, SMPR07, TDSG15, TDL+18, TZN+15, TZZ+18, TPT16, TLP06, TS12, VBG+13, VRBC18, WAO+09, WWD+05, WTL+06a, WP007, WP09b, WJBK15, WYM+16, WSJP17, WJ19, WMB+20, WXY17, WGT+05, WOG06, WZN+14, XUC+14, XYZ+17, ZIT+18, ZZZ+17, ZBYX19, ZHZ20, ZWHG08, ERL+08, ZNZ+14, dASTH10].
time-critical [Hub96]. time-domain [WJ19]. time-gated [PVG19].
time-image [BMSR20].

Time-lapse [MBG15, BM07, LEN09, SMPR07, TDSG15].
time-multiplexed [WGT+05]. Time-of-Flight [GNHM15, GVNB18, KZSR16, ABW+17, CHWH17, HHH15, MHH+17, NZV+11, SHHW16].

Time-resolved [AIH+08]. time-variant...
[WTL+06a]. Time-varying topology [BKCO16, GTR+06, BHR13, DRvdP15, HED05, XZY+17]. Time/Space [BYG96]. times [SPDF13]. tissue [BBO+09, DFW20, KPMP+17]. tissues [PRWH+18]. Tog [Ols88]. together [GSKJ03, RTB17]. tool [DBWG13]. token [Zit13]. tolerant [SLWF14]. tomographic topology [WLHR11]. tomography [GKHH12, IYY14, ZIT+18, ZIT+19]. ton [CXW+05]. Tonal [FL11, LFUS06]. Tone [SW18, WC21, ASC+14, BPD06, EMU15, EKM17, FFLS08, KO11, LCTS05, MDK08, MAF+09, RSSF02, RTS+07, WYX11, YZWH12, ZF03]. tool [BDM09, FH04a, JRT+15, MZB+17, WAC07, WZL+20, XFAT12]. toolkit [FH04b, MGD05]. Tools [BLA12, BD86, HA92, SB93, PLKD18, RMD12]. ton [ZLWH16]. tooning [WXSC04]. Toonsynth toolkit [DLKS18]. Topological topology [ALX+14, ABA02, DFL+15, HZCJ17, MB12, NHS+13, PSF09, Sar00, ZJL14, ZSCM17b, ZHCJ15, AXZ+15, ABO16, BHK14, BW13, BHLW12, BBBBB16, DRvdP15, JZH07, LHM09, LHZ+18, MBF04, Mus13, NKF09, SLS+07, Sta03, WGTG10, WHDS04, YHZ+14, ZPBK17, ZSCM17a]. Topology-tolerant topology [PSF09]. Topology-adaptive topology [MB12]. topology-aware topology [SLS+07]. Topology-based topology [DFL+15]. Topology-constrained topology [ZJL14, ZHCJ15]. Topology-controlled topology [HZCJ17]. Topology-driven topology [NHS+13]. topology-preserving topology [LHM09]. Topology-reducing topology [ABA02]. Topology-varying topology [ALX+14, AXZ+15]. Toric [GPSZ11, LC15, MGA+17]. torque [JWDL19]. Total topology [MGDA+15, XYXJ12]. touch [PRWH+18, RP09]. tourism [SSS06]. tourist [GASP08]. tower [DFL+15]. toy [ZXS+12]. toys [MS04, M107, SWT+17]. traced [EDR11, HR13, PFHA10]. Tracer [GIF+18]. Tracing [BK85, BK87, CFS+18, DLTW90, FHL+18, GHCC88, GRS+17a, JRSS21, Kaj83, KIM+19, Lai90, NID20, NKK+14, PP94, RS14b, RLU95, SLM+17a, TB87, VKJ+17, WHG84, vW84, BDT99, BSS+09, CXY+05, CTE05, DHW+11, GRS+17b, HJW+08, HJ11a, HQL+10, HZ11, KMA+15, LAA+05, LADL18, LWL+20, MKD+16, Mor11, MHC+16, NPP+11, PBD+10, PCS+20, PBMH02, RSH05b, SHHD17, SLM+17b, SLM+17b, SLM+17b, SLWF14, WIW+06, WBS07, WWB+14, WSS05]. TrackCam [LWCT14]. tracked [CB04, JBM+17, PSK+16]. Tracking [BHLW12, WKHA18, AHSS04, BHW13, CHZ14, CCWL18, CMSA20, CMMK15, DBG14, HLW+18, HK10a, HMT+15, JST10, KR+18, KHLN17, LWCT14, MB12, NSJ14, SWW+20, TBC+16, TTT+17, TAH+04, TPT16, TTR+17, VGB+14, WP09b, WMB+20, WXLY17, WSS18, ZLWH16, ZGB19]. TRACKS [BMWG07]. trade [LDS02, SWC+18]. trade-offs [LDS02, SWC+18]. Traj [BYG96]. traffic [LWL17, SWL11, WSL13]. train [WPKL17]. Trainable [EGP02]. Training [HL14, MCS15, PCPW20]. Trajectories [TFD+18, RH16]. Trajectory [GM84, HNH19, LH18]. Tran [Ros20]. Tran-similar [Ros20]. Transactions [Bea88]. transcripts [SBLD15]. Transfer [HLC+19, IWHH20, LFZ15, S98+18, AWL+20, AHA+13, ABW14, ACSM12, BVGP09, BRT+18, BSBC12, CRN08, DYT05, FZL+15, GYQ+18, HPB06, JAM+10, JBP06, JFA+15, JAG18, KAGS20, KAMJ05, LEN09, LYY+17, LKJ16, ODAO15, PCS+20, PTMD07, SDKN18, SED16, SPB+14, SHS+15, SKD15, SLSS03, SHHS03, SLS05, SSD03, SP04, SJA+20, TZN+15,
transport-and-pack [HXC+20].

Transport-based [SV19]. transportation [SdGP+15]. traversal [BAM14, NPP+11, PBvdP15, SNCH08, WIK+06]. treatment [BFA02, HVTG08, KK87]. Tree

[Shn92, WLX+18, AMA+19, BO04, CNX+08, LYO+10, LPC+11, MGT+03, NFD07, PHL+09, PNDN12, PSK+12, PNH+14, PJH+17, TZW+07, TFX+08, XLJ+09, ZHWG08, JP04]. Tree-Maps

[Shn92]. tree-modeling [NFD07].

TreeJuxtaposer [MGT+03]. treemaps [BSW02]. trees [AGDL09, DVS03, DIP+18, LBAD+06, LDS+11, LMPB+13, PSK+12, PNH+14, RMD04, XG07]. triage [CYW+16]. Triangle

[LS00, SS10b, ULP+15, AF03, CSN+12, GLLR11, LZW10, PPW18, QHY+16, SNB05, SC20, SOA11, SS08, SGC18, SP04, WZHB09]. triangle-oriented [QHY+16]. triangle-quad [PPW18].

triangle/quad [SW05]. Triangular [Sa00, FKY+10, JS05, Lip12, PU06, YHB05].

Triangulated [RS14b, HR05].

Triangulating [FM84, WSS85]. Triangulation [C84, EPO91, KLN91, dFP95, FAB+18, HSG+19, LPS+13].

Triangulations

[Kal14, LFXH17, Pet01, SG01, dGMM14, Ale19, Ale20, ILS06, MMDG11, SSC19a, trichromatic [RZK11].

trigonometric [PKHK15].

trilinear [Cse19]. trimmed [LCB19, SFL+08]. trimming [GB05, SF09].

trimodal [YCL+20]. Trip

[Pra89].

Triple [NRH04, SR09].

triple-product [SR09]. TriWild [HSG+19].

trouble [DBW15]. True2Form [XCS+14].

truly [MMG06].

truss [SHOW02].

tuner [CLD+13].

tunnel [DLSCS08, She13].

turbulence

[CQ+18, KTJG08, KTT+13, MBT+15, NSCL08, PTSG09, PTC+10, SDKN18].

turbulent [LCD+20a]. Turning

[BLC02, SSJ+11, WX91].

tutorials [GAL+09]. Tutte [AL15, AL16, AKL17].

TV [FMR20, MP04].

twice [YRP09].

twilight [HMS05].

Twistable [JS11].

Twister [LKG+03b].

twisty [SZ15].

Two

[AWL15, BPD06, Gla90, JTMW20, Las90,
LD13, RMSG+08, SJ94, SG11, TFD+18, THG99, ZLW+18, ZSCM17a, ZSCM17b, BB12, FQL+20, Gal99, HP17, HFG+18, IGLF06, LWS02, LCD+20a, LK20, LKG+03b, MDB+19, NAI+18, NGL10, NØ13, RRC+16, TB20, WAH+10, XNY+16].
two-continua [NØ13]. Two-Dimensional [Gla90]. two-handed [LKG+03b].
Two-layer [LD13]. two-level [LWS02].
two-phase [BB12]. two-piece [NAI+18].
two-player [WAH+10]. Two-Point [TFD+18]. Two-Scale [ZSCM17b, BPD06, SG11, ZSCM17a, HP17].
Two-shot [AWL15, XNY+16]. Two-stage [ZLW+18]. Two-way [RMSG+08, FQL+20, HFG+18, LCD+20a, NGL10, TB20]. Type [LDW97]. typefaces [Sha03].

UAVs [XDF+19]. ubiquitous [LGK+16].
UIMS [Hili86, SG91]. ultra [TTT+17, VLD+13]. ultra-fast [TTT+17].
ultra-thin [VLD+13]. ultrasound [LSCS14]. unactuated [YL08].
Unbiased [BLD20, QSH+15, YIC+10, DJBJ19].
certain [WFH10]. uncertainty [UMK17]. unconstrained [YSN+18].
uncontrolled [VWB+12]. Understanding [GXZ+13, PKH+17a, PKH+17b, SN17, XADR12, HOM15, LRT+14, LTO20, NXS12, SMZ+14]. Underwater [OKRCC10, WP12].

Unfolding [SK16, MS04]. uniaxial [WW08].
Unified [MMCK14, MKB+10, MHU19, SHU+16, CLC+20, DM13, GD04, LBB17a, VdFG99, WMW15, YCL+17].
uniform [CADS09, LFS16, WW11].
uniformly [HRV+18]. Unifying [KGH+14].
unit [DFM13, HAM07, WSS05]. units [LHLK10]. unity [OBA+03]. universal [CLF+18]. unknown
[DCP+14b, XDPT16, XZY+17]. unlabeled [WXCH15].
Unmixing [AAPS16, AASP17b, AASP17a, AAPS17].

Unmixing-Based [AASP17b, AASP17a]. UnMousePad [RP09]. unordered
[SSS+08]. unorganized [HLZ+09]. Unpaired [AWL+20, CLY18, GYQ+18].
unparameterized [gDPFR02]. unreinforced [PBSH13]. unseen [SMZ+14].
unsharp [LCD06, RSI+08]. Unstructured [BBPP10, GCD+20, NLGK18, PKC+16, TKT12].
Unsupervised [HFW+19, LYF+20, SvKK+11, WSH+16, FYW+18, HWH+18]. Unsynchronized [MCT15, YLC+20]. Untangling [BBK03, BRB+19]. Unwrap [RAKRF08].

Unfolding-Based [AAPS17b, AASP17a]. UnMousePad [RP09]. unordered
[SSS+08]. unorganized [HLZ+09]. Unpaired [AWL+20, CLY18, GYQ+18].
unparameterized [gDPFR02]. unreinforced [PBSH13]. unseen [SMZ+14].
unsharp [LCD06, RSI+08]. Unstructured [BBPP10, GCD+20, NLGK18, PKC+16, TKT12].
Unsupervised [HFW+19, LYF+20, SvKK+11, WSH+16, FYW+18, HWH+18]. Unsynchronized [MCT15, YLC+20]. Untangling [BBK03, BRB+19]. Unwrap [RAKRF08].

Unfolding-Based [AAPS17b, AASP17a]. UnMousePad [RP09]. unordered
[SSS+08]. unorganized [HLZ+09]. Unpaired [AWL+20, CLY18, GYQ+18].
unparameterized [gDPFR02]. unreinforced [PBSH13]. unseen [SMZ+14].
unsharp [LCD06, RSI+08]. Unstructured [BBPP10, GCD+20, NLGK18, PKC+16, TKT12].
Unsupervised [HFW+19, LYF+20, SvKK+11, WSH+16, FYW+18, HWH+18]. Unsynchronized [MCT15, YLC+20]. Untangling [BBK03, BRB+19]. Unwrap [RAKRF08].
YCP16, ZB94, ZWK14, Aga07, ARNL05, ALK+17, AZB09, AYL+12,ABA02, ACSM12, ASL+17, AAM03, BCT15, BKGK17, BAS14, BWSS09, BCN08, BP08, BdSp09, BGAM12, BAM13, BKKL15, BBO91, BHB+11, BM05, BBGB16, BBG+13, BBB+14, BL15, BDK+16, BWKS11, BvdPPH11, BPC16, BNTS07, BFK+16, BSEH18, CHWH17, CK14b, CB04, C97, CH07, CKS+17, CRG+20, CNX+08, CLW+14, CBW+18, CM11, CLSA20, CPWAP08, CLQW08, CWL12, CLS03.

**using**

[CS09, CJN+17, CK11, DNZ+17a, DSb+12, DH96, DLF12, DZS08, DYN03, DIO+12, DZPZ09, Duf17b, DDP99, DKD+17b, EKD+17, EB08, FXBH16, FBS+10, Fat09b, Fat11, FLB17, FKY08, FSH11b, FCJ07, FLSG14, GJTP17, GGG+13, GLA+19, GFT+11, GLDZ15, GWP+19, GNS+12, GF12, GKJ+05, GBAM11, GJWW14, GXY+17b, GSH+20, HJ11a, HTC+14, HET+14, HRL15, HE07, HHGH13, HLR+14, HDN+16, HSS98, HAB20, HSTP11, HLHR09, HSHF10, HMLL14, HMLL15, HXC+20, HZZ11, HLBRI2, HKAK14, IOO05, JKSH13, JL11a, JNSJ11, JTL+12, JZW+15, JWDL19, JCRA11, JM06, JKZS10, JMAK10, JZvdP+08, KL17b, KCW+18, KTO3, KGS+18, KSES14, Kim10, KLM+12, KLF+19, KSE+03, KLV20, LJS+15, LLDD09, LHK010, LWH+11, LCX09, LRR04, LCTS05, LZF10, LDF14, LLW04, LGX+13, LLZM10, LLX+12, LHZ16, LVS+16, LWL17, LDPT17, LTT+20, LRHF13, LW019, LZCV20, LWX+11, LCK+14, LH17b, LH18].

**using**

[LSCS14, LB05, LH04, LEQ+07, MJ+08, MTP+18, MLR+14, MBWR13, MPN+02, MZD05, MTPS04, MRA+13, MSL+11, MB12, MS04, MM06, MWM08, MdLH10, MWTK13, MGT+03, MAB+15, MHR+16, NYY04, NSX+18, Nah20, NZV+11, NNC+20, NSC08, NKGR06, NFD07, NRH03, NL13, NZIS13, OLH14, PZM13, PBH15, PRJ+13, Par17, PCCS06, PMS12, PTMD07, PL07, PBvdP15, PBvdP16, PBYV17, PPW18, PTH+09, PTC+10, PGZ+19, QZG+19, RTF+04, RAT06, RND+07, RGB+16, RJN16, RWD+06, RDL+15, RKB04, RZ11, RMBB+13, SHM+18, SMH+11, SW5, SNC+08, SMW06, ST14, SvrTSH14, SED16, SBSS12, SAL+08, SWTC14, SHS+17, SOA11, SHK+14, SHM+14, SG+06, SLWS07, SRL+15, TMRL14, TK14, TZZ+11, TGB13, TZN19, TS06, TYY+19, TT09, UBW99, VABW09, VPB+09b, WIK+06, WBS07, WHSC97, WZT+08a, WHDK12, WYY+14, WLL+14, WSX16, WZK+17, WMB19, WJL+20, WG09, WZC12, WHLR12, WMP+06].

**using**

[WJ+05, WM03, WGP+10, XJL+09, XWW+14, XSZB15, YCR+15, YL10, YL12, YJB+14, YY+12a, YBY+13, YT13, YCK15, ZRLK07, ZJMB11, ZF03, ZHS+05, ZRL+08, ZTF+18, ZKU+04, Zit+13, ZN+14].

**UV** [HDC07, PTH+17, Tar16].

**UV-maps** [Tar16].

v [LJGH11, Mir98].

**V-Clip** [Mir98].

**v-style** [LJGH11].

**VAEs** [LCV20].

**valid** [FP03, UIM12, WMC11].

**validated** [FCGH08, GWM+08].

**validity** [SSM15].

**valley** [OBS04].

**value** [HF06, JSW05, LJJH13a, TMB18].

**values** [KABL14, LFUS06].

**variability** [KMYG12, OLG11, ROA+13].

**variable** [LK20, ZF03].

**variable-coefficient** [ZF03].

**Variance**

[HZE+19, MCSK+17, PSC+15, SK13].

**Variance-minimizing** [MCSK+17].

**variant** [BSD09, WTL+06a, ZZV+03].

**variants** [LL19].

**variates** [MRK20, RJNI6].

**Variation**

[MGDA+15, LBJK09, MLH+09, XYXJ12].

**Variational**

[ACYD05, BCWG09, CSAD04, FSK04, HCJ19, LBB17a, Sar00, SC18b, ZZWC12, ZRL19, ZTF].
BBB07, DK09, GWAB19, KS98, LMH+15, MMTD07, SHM+18, WP10, XLLW20, YI17.

Variations [BS90, BSW13, BL15, DMIF15, GBLM16, HOM15, ZHG+16]. varied
[HRE+08, SSJ+14]. variety [MLD+08].

varifocal [ALK+17]. various [SHU+16].

Varrier [SMG+05]. Varying
[Fol87, ALX+14, AZ+15, BJ10a, BHR13, BB17, BKC016, BAVU18, DRvdP15, DWP+10, DTPG12, DCP+14b, GTR+06, HED05, HMP+08, LXR+18, MAF+09, MAG+09, PF3+20, TDM316, TDG18, WRG+09, XDPT16, XZY+17]. Vax [Lev84].

VDAC [MAYZ+20]. VDB [Mus13]. VDP [MKRH11]. Vector [AOCBC15, BSEH18, CM83, DRvdP14, DRvdP15, LTDD16, SSC19b, SWWW15, WZYG10, ZMT06, vFTS06, BKKL15, BBG12, EBJ+06, EPD09, FSH11a, FSDH07, GLDF1N14, Gol85b, LLGRK20, LMPB+13, NH08, OBW+08, TLH03, WWT+06, WYZG11, ZJL14].

vectorial [BBG12]. Vectorization
[BS19, FLB16, FLB17, HDS+18, LHM09, NH+13, SLWS07, XLY09, XSTN14].

vectors [GI04, ST14]. vehicles
[KCD09, NOP+18]. Veiling [TAHL07].

velocimetry [XIA+17]. Velocity
[Er07, GNS+12, SS11, XIA+17].

Velocity-based [Er07]. velocity-vorticity
[GNS+12]. Venant [BJ05, KTY09].

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

vergence [TDM+14]. Versatile
[AI+12, AAT13, HNB+06, TKTS11].

versus [LD06, LDS02]. vertex
[GKDS12, Man86, SNB07, TH19, YWH13].

Vertices [YCP16, BDD11, LZW10].

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

Via
[Pra89, AMZ99, AW20, AAPS16, AAPS17, ALX+14, ARS14, BPK+13, BHR13, BVS16, BS19, Bou18, CWWL18, CLJ+20, CYT+18, CPS13, DGHM93, ED04, FYW+18, Fat07, FPBC020, FCW+17, FMR20, GGY18, GPHSH19, GZC15, HFW+19, HS13, HCS13, HvKW+16, HWV+18, HSS+13, HCW15, HKW15, HXM+18, IYYI14, JBM+17, JW15, JKT+15, KEE13, KAE20, KYS+15, KSS06, KJDL09, KTL+04, KLCP18, LLF+20, LMLH07, LSQ+15, LVS18, LCR0L7, LZH+20, LSVT15, MDK+16, MGA+17, MIB15, NBLCO20, OBS04, PCLC16, PO18, RBvb+04, RPWO18, SG12, SL13, SBK+18, SPSh+17, SvKK+11, SOHK16, SLMK14, SJA+20, TLG17a, TLG17b, TEG18, TWBO03, THW+14, WYL+14, WLY+16, WYL+20, WSS+19, WPL18, WTBS07b, ZZZ+14, XLJJ11, XYYX12, XCS+14, XZJ+13, ZYM+20, ZSSL20, ZYL+17]. vibrating [BF12].

Vibration [HXX+19, JBP06].

Vibration-minimizing [HXX+19]. Video
[ACMS10, BDG15, BJS+08, BGSF10, Bea88, BM05, BNTS07, CWL12, CK20, CAC+02, DSJ+11, FJA+14, GZC+16, GF12, HXZ+19, HSLH18, JSSH15, LLK+19, LSS05, LHM+18, LXC+15, PCE06, RKS+14, ST04, SBSH18, SAA+21, SGDA+10, VSH12, WXSC04, WMZ+13, XLS+11, XCZ+18, AWL+20, AZP+05, AXR09, AGB+16, ASC+14, BWSS09, BAAR12, BBPP10, BM07, BLA12, BSHK04, BZCC10, BSP13, BST+14, BTS+15, CTC03, CCS+15, CM10, CSR010, CWTW17, DRW+14, DCD15, FZL+15, FL11, FAC11, FF11, FTZ+19, GVWT13, GZW+16, GO11, GCSS06, GWN+03, GB08b, HAKA16, IBP15, JST+19, JLF+09, JMA06, KSB+13, KUWS03, KC19, KGT+18, KWB+15, KDMW1, Kop16, KLHG09, KP+12, KSE+03, LDTA17, LDS+11, LJJH13b, LGCG15, LFH15, LGJ09, LGW+11, LYT18, LWC14, LCD+20b, MKMS04, MEMS06, MCE+17, MMP+05, MZRT16, PCHF18, RAKRF08, RSL+07, RSA08, SSR8+17, SLJ10, SMPR07, TKTS11].

video
[TKKT12, Van06, WRDF13, WBC+05, WFS+09, WLSL10, WHSL11, WZK+17, WMB+20, WC10, WOG06, WRS+12, XYJ13,
YGL+14, ZWZ+16, ZQPM12, ZYQ+14, ZKU+04, dAST+08, vdHDT+07, BWSS09.

Video-audio [LXC+15]. Video-based
[SGdA+10, VSHJ12, WMZ+13, XLS+11, BBPP10]. Video-guided
[PCSS06]. videoconferencing [EMT+20].

videoscape [YH+18, ZMN+19].

VideoMocap [WC10]. videorealistic
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