A Complete Bibliography of ACM Transactions on Graphics

Nelson H. F. Beebe
University of Utah
Department of Mathematics, 110 LCB
155 S 1400 E RM 233
Salt Lake City, UT 84112-0090
USA
Tel: +1 801 581 5254
FAX: +1 801 581 4148
E-mail: beebe@math.utah.edu, beebe@acm.org, beebe@computer.org (Internet)
WWW URL: http://www.math.utah.edu/~beebe/
15 February 2020
Version 1.132

Title word cross-reference

2 [AWL+19, BKL16, BHR13, BSW02, BSM+07, DBB+17, EPD09, GIZ09, HGRT04, Hil87, HDK07, JSKJ12, KFCO+07, LT09, LPL+17, LHVT17a, LHVT17b, Maj92, NG18, RMD12, SLV+13, Shn92, 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, BGK+13, BWSS12, BVS16, Bly06, BSM+07, BR07, BAtU15, BATU18, CCA+12, CB04, CWLZ13, CMZP14, CK10, CKGK11, CGF09, CSPF12, CYS+13, CLD+13, CZA+15b, CKBW15, CLF+18, DNZ+17b, DNZ+17a, DS15, DTP15, DLSCS09, DSAF+13, DIF+18, DHL14, DDP02, ESCK16, EGB14, EDF+16, 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, GKH12, GWN+03, GWB05, GFD+12, GRT13, GZC15, HGRT04, HGY17, HASK17, HK18a, HNH19, HLR09, HLT10, HDK07, HMC11, HLV+17a, HLV+17b, HTWB11, HCTW11, HMT+15, HDGN17, Hud92, HOM15, IBP15, ICG17, JTrS12, JBM+17, JLF+09, JZ10, KMM+02, KHS10, KH06]. 3 [KSH+14, KDM+16, KDR+16, KDM+17, KES14, KMYG12, KLM+12, KRD+12, KLM+13, KLM+13, KTL+04, KDMW17, KSS+15, KS04b, KYC+17, LMS13, LHW+10, LRT08, LHKR10, LXXS09, LOMI11,
LRA⁺07, LAC08, LSH⁺10, LVG⁺13, LHM⁺18, LCOZ⁺11, LHC18, LOW18, LFZ18, LGA09, LWCT14, LHLF15, LKG⁺03b, LFL09, LBFK⁺10, LSH⁺14, LBRM12, MLZ⁺16, MPF⁺18, MHS⁺19a, MLGY19, MWH⁺13, MPI⁺18, MSBS06, MPN⁺02, MP04, MAN⁺16, MTN⁺15, MSS⁺17, MGP10, MP06, MYWI15, MLS⁺18, NLGK18, NAH⁺18, NIS07, NRDR05, NZ13, OHB⁺11, OLGM11, ONO14, Par17, PG⁺19, PMW⁺08, PK05, PXW18, PZ17, PRM14, PS04, PSG⁺06, PWLS13, RSL16, RSI⁺08, RDI10, RHLF02, RMDB⁺13, SS14, SHM⁺18, SCH⁺14, SLV⁺13, SSGS11, SKSK09, SBR⁺15, SHL⁺17, SF07, SS⁺08, SARW⁺15, SSS06, SDW⁺16, SVB⁺12, SQRH⁺16, SRB⁺19, SSK⁺17, TD16, TDM11, TMB18, TS08, TFK⁺03, TMB14, UTB⁺19, VVC⁺15, VSJJ12, WBF⁺17a. 3 [WBF⁺17b, WA0⁺09, WWY⁺13, WGW⁺13, WSXC16, WLG⁺17, WSLI18, WSH⁺18, WXL⁺18, WKHA18, WXLY17, WLHR11, WDB⁺07, WSW⁺12, WZQ⁺18, WWL⁺19, XLF⁺11, XIAP⁺17, XZT⁺09, XZZ⁺11, XZCOC12, XCF⁺13, XCS⁺14, XSZ⁺16, Y117, YSL⁺14, YSC⁺16, YL18, YWS⁺11, YKC⁺16, YZX⁺18, YSHW16, ZLP⁺15, ZAC⁺17, ZWK14, ZSW⁺10, ZSMS14, ZK14, ZZCJ13, ZPGBK02]. 36° [Kop16, LLZ18]. 4 [Che13, DKD⁺16, HTCH15, IGP⁺17, LHC⁺09, LBB⁺17b, MHS⁺19a, MPDW03, PS04, PMPHB17, RAW08, TDL⁺18, YM1R15, Zho18]. 5 [BSS⁺13, OHX⁺14]. 6 [HMT⁺15]. ² [LZ04]. ⁰ [JMY⁺07, KCM19, TWW19]. ₃ [SMG⁺05]. C² [MP09c, Pet89, SW⁺05]. d [EPM⁺14]. ℓ₁ [ASGC010]. f [LWO19]. G¹ [LSF⁺16, Sar00]. G₅ [PUG06]. γ [CXW⁺05]. K [FLHC010, TS12, Tsa15, EPM⁺14, LWO19, MSDL17, YSW⁺17]. L₀ [HS13, XLXJ11]. L₁ [BHY15, HWCO⁺13, PMA⁺14, HJS⁺14, WYL⁺14]. L₉ [LL10]. N [RVLL08, RS14b, BSEH18]. Q [LH17a, LH17b]. r [DS92]. R³ [Dar00]. s [SR00]. SO(3, R) [CGM11]. T [MPKZ10]. v [XH18].

*Cages [GCP13].


2 [MRKH11]. 2-manifolds [Man86]. 2PAC [TFD⁺18].

360 [JMY⁺07]. 3D [WW⁺82].

4 [BAM13]. 4-points [AMCO08].

5DOF [WPGM16].

6D [FRSL08].
accelerations [KLF+19]. Accelerometer [SH08, TZK+11]. Accelerometer-based [SH08]. access [KCYW13, LSK+06, NH08].

Accommodation
[kpm+17, kbbd17, cls+17, mw+13]. Accommodation-invariant [KPM+17].

account [CLC96]. accuracy [CKH18, LSD02, SHD+18]. Accurate [bof+18, gm09, gghs04, mshs06, sbn15, vj19, wzc12, wzyr19, zbgb19, bbbo7, bhk14, deeo5, dfp99, hhm19, jbp06, llbb17a, ld14, lkyu12, ml17, mg03, vmtf09, xstn14, ytjr15].

Achieving [JLF+09]. achromatic [Fre16]. achromatic [SDP+18]. Acknowledgment [Ano10]. Acknowledgments [Hod02a].

ACM [Kro82, Spe03]. Acoustic [LFZ15, llmz16, acsm12, jbp06, lzych16, ohr14, wj19]. acoustic-potential [OHR14]. Acquiring [bou18, kmyg12, ngd+06, tdg18, tfg+13, dww+08, oee+18]. Acquisition [dd18, hed05, hha+10, tg17b, bgk16, bjtk18, btfn+08, dj18b, ghp+08, gghs03, gls+04, grb+18, gtr+06, hlz10, hctw11, llw+08, mp04, nlw+16, nlkg18, njr15, pck+08, rhhll02, stwtc14, tgl17a, 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, GM17b, KMM17c, LPLL19, STC+13]. actuation [ano03, JWD19]. actuators [WHDK12]. Acuity [MGDA+15]. Adaptation [SP05, DE05, HKT10, VMGM15]. adaptations [HGR04]. adapted [Sze06]. adapting [PSK+12, YCBVP08]. Adaptive [BMW+09, B004, BF08, BDW13, CGG+04, EC96, FCW+17, FBL07, GO12, HWRH3, Hi87, HHW+16, HWZ+20, JLS+03, KDI13a, KTS+14, KYS+15, MCY14, MGY15, MMG16, NSO12, ODR09, PNJD14, RGL05, RKZ11, RKZ12, SHF11, SW18, WFP12, WSLT18, AGL+17, ANHD17, ATW13, BAM13, BLDA11, BFK+16, CFW14, CTH+14, DJ18b, EB14, FFB+09, GTJS17, GWAB19, GKS02, HJW+08, HJ11a, HTCC+14, HG14, KJM10, KSP13, LHKR10, LWC12, LDN+18, MKD08, MB12, NPO13, NLMD12, PO08, PBVP16, SABS14, TKHM13, VDF99, VKK18, VJK19, WFC+14, WFHD18, cWP10, Y117, YW13, YIC+10, YSC+18, ZSKS18].

Adaptively [APKG07]. adaptivity [TMDK15, WHK17, ZLB16a]. add [MRK+13]. add-on [MRK+13]. Adding [DKD+17a, Hud92, DKD+17b, SKC+14].


Advanced [CF+18, SM15, Zha18, FLG15]. advection [BNTS07, ZNT07, ZBG15a]. advection-projection [ZBG15a]. advection-reflection [ZNT18].

Adversarial [SSH18a, GDC+17, WAH+10, ZZB+18].


Algebras [Duf17a, Duf17b]. Algorithm [CG89, Day90, EP091, HAO2, KM97, LMR83, LM97, Mey91, MB17a, Pf89, Sah18, Sai89, SG82, So92, WS85, Zyd88, AAM03, BCRK+10, BSFG09, CS00, EKA84, EPD09, G04, GMP09, GD04, LFZ10, MMT18, MB04, MB17b, RS05b, SYB06, SOA11, SSSB03, XW09, XCM+14, YXH14]. Algorithms [Bak94, CMS95, CLS85, DGHM93, Dun83, EM00, Jan91, Kla91b, Kro82, MD94, MST89, RV89, VN85, EKA84, HDN+16, KW03, LJG1H1, RKAP+12, Spr82, WDB+10]. alias [SOA11]. alias-free [SOA11]. All-frequency [NRH03, TS06, WTL05, WTL06b, WRG+09, ADM+08, NRH04, XCM+14]. All-hex [FXBH16, LLX+12]. all-pairs [AP08]. along [WGH19]. Alpha [EM94]. alternative [HGRT04, LD06]. Ambient [GAF+10, ZRSM18]. amendment [TBT08]. Ames [STX15]. AMFS [CTH+14]. among [SGG+06, WW0H08]. Amortized [YNS+09]. Amplification [PGP+19]. analog [HSHF10]. analogies [WWH06]. analogue [SR97]. analogy [LYY+17]. Analysis [BBS14a, CM83, DKD+17a, EC93, KPa2, KLZM10, LTDD16, LDW97, M19, MOR+18, O12, SPV+16, VFK+14, WBCPS19, WMP+06, Wu92, YKGA17a, YZX+18, ZXTZ15, BHR13, BBB+14, BWWM10, CCOST05, DHS+05, DKD+17b, ETH+09, EHDR11, FKY08, FV96, FO80, HST11, HRV97, HwKw+16, HSS+13, HWK15, HHA+10, JSK12, KSHG18, KPS03, KCGF14, Lsd+16, LH+H09, LLH04, MC12, OK10, OHX+14, PAr17, PSC+15, PCHF18, RMB07, ST14, SJ17, SK13, TOS+03, WAgK+12, WGW+13, WLY+14, WLG+17, WW11, XHS+15, YKGA17b, ZT09, ZN06, ZXJ+13, ZPZ13, vKXZ+13]. analysis/synthesis [TOS+03]. Analytic [Cas91, NL13, SKSK09, SDK19, WR18, BLPW14, HW12, SRNN05, SJIR18]. analytical [GBAM11]. analytes [SHK+14]. analyze [GSMC09]. analyze-and-edit [GSMC09]. Analyzing [Che13, SHH99, HWG14, KGFF14]. anatomical [KIL+16]. anatomically [DS08, SZK15, WGBG16]. anatomically-based [SZK15]. anatomically-constrained [WGBG16]. Anatomy [AHLG+13]. anchor [BHB+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, TGBE16, VKJ+17, BCC17, CS09, HRvdP04, LCR+02, MBB12, MA06, NSB13, OHR14, SN17, SS17, SDO+04, TLJP18, WIK+06, WG09]. Animating 
[BDWR12, CJ11, CGZ+05, CTT15, EB08, FOA03, FOK05, GPH+18, KA08, MWT13, SRH+15, STSH14, SJM17, XKK+06, XWL+08, YL08, ZB05, BAAR12, BWHT07, BBS+13, CM04, CLWQ08, GBO04, LJJ16, PH06, PTG12, PND12, SB12, TMB14, WCF07]. Animation 
[AJS20, BC14, EMF02, EHSN20, EAPL06, HTHC15, JW15, MMG06, RPC+10, SDO18, TBW+12, AHSS04, ASK+05, BKLP16, BP07, BS09, BJS+08, BCK+13, BW13, BFA02, CTF05, CWW13, CHZ14, CWW+16, CH05, CB05, COS19, Cor18, DRvdP15, DYP03, DBB+17, Er07, EG02, FL04, FYK10, GSZ+18, GB13, GMP+16, GRG15, HYL12, HK07, JKPK17, LWZL09, JTCW07, JGGN15, KIL+16, KAL+17, KSKL14, KPMP+17, KGP+16, KFC06, KCD09, LJ14, LLL18, LYYB13, LWL17, LXC+15, MCC09, MCP+09, NZC+18, NSCL08, NKA08, NFJ02, OBH02, OLSL16, PKA+05, PB02, RP03, RP07, SHW19, SSK+11, SY05, SKSY08, SKM10, SKP08, TKY+17, TLP07, VB06, VP06, WAH+10, WDA06, WH010, WSXC16, WQLJ18, WSS+19, WBLP11, WSL13, WFL+19, YL10, YRPF09, YCZ11, YGM97, ZSCS04, ZM13, ZLM+18, ZPB19, ZMCF05, ZBB18, dSDP09].

Animations 
[PM18, DLSK18, FJS+17, GSKJ03, HOKP16, JT05, JFA+15, KG06, LP02, LMY+13, ODG03, cWP03, WXSY15, YHK04].

 animator [ELFS16, ZXL+18],

 animator-centric [ELFS16, ZXL+18].

 AniMesh [JGGN15]. Anisotropic
 [ACS+03, BX03, BSTY15, FLS14, GZD08, JGT17, KDI19, LWSF10, LLR+15, McC99, SXD+13, CK11, JAM+10, NSO12, PPTSH14, PLMR17, PTC+10, PH15a, SJ17, TOH08, WZT+08b, XLZ+10, YT13, ZJ18, ZHLB10, ZWDB16, ZGW+13]. anisotropy [BLdG+16, KFR04]. annealed [YYW+12a]. annealing [DH96]. annotated [BUSB13, LCL06]. annotation [YKC+16]. annotations [AFO03, GIZ09, TFK+03]. Anti [Tur82, BAM13]. Anti-Aliasing
 [Tur82, BAM13]. Antialiased
 [Kla91a, DH+13]. Antialiasing [BYRN17a, BYRN17b, YSLH11, CS00, GT96].

 antiradiance [DSDD07]. Any
 [GRH+12, GZ05, MYW15]. Aperture
 [PC82, BCN08, GSDM07, GWG10, LFDF07, LCV+04, LLW+08, VRA+07].

 Apparent [DER+10, IM10, JDA07]. Appearance
 [CBKM15, DBP+15, DCP+14b, DWMG15, HXM+18, KSZ+15, LHO6a, SP014, VADW15, VPB+18, WTL+06a, AYL+12, AP08, ATDP11, BUSB13, DCP14a, GGN18, GZ+13, GRB+18, GTR+06, JFA+15, JSB+10, KWN+17, KRK11, KBC+13, KFB10, LMS+19, LEN09, LDPT13, LKG+03a, LDPT17, LSSS18, MWAM05, MDLW15, OA015, PO07, PLMR17, RPK+12, SBdDJ13, SGM+16, SLS+16, TDG18, WM14, WZYR19, XMR+11, ZJMB11, ZJMB12]. appearance-driven
 [PL07]. Appearance-from-motion
 [DCP+14b]. Appearance-mimicking
 [SPH14]. Appearance-space
 [LHO6a, AP08, ATDP11]. AppGen
 [DTPG11]. AppIm [DCP14a]. Application
 [BLDA11, CA00, DRC+15, RO05, RO87, AG05, BA83]. Applications
 [APH+14, BIP01, BF01, FO01, SR00, YSHWS16, ACM10, BZL+15, CH89, DRE+12, DEM96, Fat09a, GKKH12, Gue07, HSGL11, JSKJ12, KDR+16, LWA+12, LL10, MMCK14, MASS15, XL+16, YGL+14]. applied [BLR+11, SABS14]. AppProp
 [AP08]. Appreciation [Fru00]. Approach
 [AOCBC15, Bar86, Cas91, DKD+17a, EM96,
FH97, GM84, MC92, MGDA+15, PPV95,
SLGS01, Shn92, SHS+18, BLR+11,
CWW13b, CDM+02, DWT+02, DK09,
DIO+12, DKD+17b, FBL16, GSC009,
GD04, HZJW12, HZH08, HZG+12,
HWJ+15, KBS15, KZ11, LdPS84, MM06,
Mor11, MMTD07, NXS12, NO13, OPOD10,
RPE+05, Sha03, SXZ+12, SHS+17,
SFWG04, TKY+17, TWGT10, VBCG10,
VdFG09, VMFT09, WFA+05, WWZ+09,
Wan15, WWB+19, WMW15, Wym05,
XRLF15, ZCW+17, ZRL+09. **Approaches** [MlR87, FH04b]. **Approximate**

[DYYT17, HLZCO14, IW15, McS83, NFH07,
TLJP18, VFK+14, AFO05, KCZ008, MS04,
MG06, MCK13, SSK+05b, TL04, Wym05].

**Approximating** [Hub96, LS08, LSNC09,
G104, LYL08, S0S04]. **Approximation**

[BW93, LFZ15, TGBE16, Tsa15, BO04,
CB17, CPWAP08, CH09, CSAD04, FD17,
MCSA15, NRH03, PM13, TGB13, TS06,
TS12, WWS+05, WYY+14, WDB+08,
YLLJ18, ZYWK08]. **Approximations**

[DLTW90, Tan94, BOD018, HW16, KFB10].

**AppWand** [PL07]. **AppWar** [ATDP11].

**Arbitrarily** [HA92, KG06]. **Arbitrary**

[CSZ20, EPO01, LDW97, Sar00, Se93,
AF+10, BVG11, BW13, GD02, GLD+19,
GHH82, GHZ18, HF06, POC05, Sta03,
TZA+02, WZ14, WPGM16, ZY04, ZZV+03,
ZJ12, ZWL+18]. **arc** [BPK+11].

**Architectural**

[CKX+08, DAB15, EKS+10, KW11, LHL10,
NSX+11, NH03, PKM+11, SSS+08].

**Architecture**

[CFST+18, FHL+18, Lev84,
NKK+14, WSS88, YIO+15, AM03, ASF+13,
CTM13, DN02, DHW+11, JTC09, KK08,
LC0Z+11, LW08, PLW+07, SM15,
SCS+08, WFH+07, WWS03].

**Architecture-scale** [YIO+15].

**Architectures** [HM16, LSA05, LSH+10].

**Arcimboldo** [HZ11]. **Arcimboldo-like**

[HZZ11]. **arclength** [KSH+16].

**Arches** [FH93]. **Area**

[NMLH14, HJ11b, NMLH11, WR18].

**Arithmetic** [KN91, FV96, HSS98].

**Arnold** [GIF+18, KCS018]. **arrangement**

[YYT+11]. **Arrangements**

[LHVT17a, FRS+12, LHVT17b, MMBM15,
SMZ+14, ZGZJ16]. **array**

[HHF01, VLD+13]. **Arrays** [GPHS19,
JMA06, LKK+16, SMH+11, WJ+05].

**art**

[HHC18, KYYL08, KL11, LHE+07, LEN09,
LC+17, LZF+19, MP09b, ZW010, YNS19].

**arterial** [LLZ10]. **Articulated**

[ACP02, ACF+05, TGT11, TTT+17,
VBMP08, ZB09, BBP12, CCA+12, CZ11,
CBL+16, JL11b, RGL05, TK14, TOK14,
WWB+19, YHL+18, ZRLK+07]. **articulation**

[JPG+14, JMD+07, KS12]. **artifacts**

[ARNL05, CHM+12, GRBN09]. **artificial**

[PTG09]. **Artist**

[BKLP16, BMS88, SSK+11, LRS18, SPJT10].

**Artist-directed** [BKLP16].

**artist-intended** [LRS18]. **Artistic**

[BST09, CAA10, NJS+11, RRS13]. **artists**

[SLD17]. **As-rigid-as-possible** [IM05].

**ASCII** [XZ10]. **assemblable** [ACA+19].

**assembled** [DFZ+17]. **assemblies**

[BDC11, JMM09, KTS+14, ZY+10,
WSP18]. **Assembling** [DPW+14, GSK03].

**assemblage**

[AP03, CCA+12, CKGK11, DYY16,
FSY+15, FL16, SSR+16, SFC12, YNW16].

**assembly-based** [CKGK11]. **Assessing**

[Erl18, SK13]. **assessment**

[AMMS08, ACA01]. **assets** [LS02].

**assistance** [LFTC13]. **assisted** [BD09,
BPB13, ILB15, PB02, SAWR+15, YIO+15].

**associated** [FCW+17]. **asymmetric**

[CLQ08, VR+18]. **asymptotic**

[CZXZ14]. **Asynchronous**

[HVS+09, AVGT12, BAM13]. **Atlanta**

[SSJ+11]. **Atlantis** [SSJ+11]. **Atlas**

[LYF+19, LPM02, LVS18, MV+18,
PKC+17, PKCH18]. **atlases** [CH02].

**Atmosphere** [Kla87]. **atmospheric**
[KMM+17a]. atomic [Bel18]. attack [MLD+08]. Attention [YPG01, CLC14, PCLC16, XSZ+16]. attention-directing [CLC14]. attention-driven [XSZ+16]. attenuation [NSJ14, WLHR11]. attenuation-based [WLHR11]. Attraction [BVF17b, AVF17]. attractiveness [HRZ+13, LCOJDl08]. Attractors [TFD+18]. attribute [LYY+17, TYS09]. attribute-based [TYS09]. Attributes [KAEE20, LRT+14, OLAH14]. attribution [Ano10]. Audio [KAL+17, DZS08, EML+18, JMD+17, LLZ18, LXC+15, SSKS17, TGD04, ZXL+18]. Audio-driven [KAL+17, ZXL+18]. audio-visual [EML+18]. Augmentation [SSII18a, JSP17]. Augmented [MPZ15, SSJ+14, YCP16, ALK+17, BP12, GMW16, HK18b, JBM+17, KJS+19, LJM+16, LDPT17, MGDB17, MLR+14, MKG17]. Augmenting [BBG+13, RPC+10]. auroral [BWRB05]. Author [Ano85a, Ano90b, Ano92a, Ano93, Ano94, Ano95, Ano96]. Authoring [BBS+13, CGG+17, PRMG16, CDM+02, GDC+17, MCS15, PTS015, ZB13]. Authors [Ano82, Ano83, Ano84, Ano86, Ano87, Ano88, Ano89, Ano90c]. AutoCollage [RBHB06]. Autocomplete [PXW18, CXW14, XWSY15]. AutoConnect [KSS+15]. Autocuts [PTH+17]. autoencoder [CKS+17, KCW+18, YI17]. Autoencoders [LPX+19, LXC+17, SHM+18]. autofocus [ZMN+19]. AutoHair [CSW+16]. automata [CLM+13, Ols84]. Automated [Cas91, FZBR16, HK12, KG04, LACS08, LJJ13b, SalY+08, DHL14, NMD+17, POT17]. Automatic [AB89, APS+14, AFP+95, BP07, BPK05, CCL12, CYW+16, CLW+14, FNO89, GYQ+18, GAS08, GKT13, HMAM09, HEH05, KSH+14, KAB+10, LHM09, LdPS84, LYO+10, NAH+18, SWTC14, SNF05, VAZH+09, WYY+14, YZW+16, BJRD+12, CSW+16, CXY+15, DK09, DIP+18, HFTF15, HZG09, ISS16, JBK+12, JTRS12, KC19, LPRM02, LRFN04, LSH+10, LHM+18, LZT+19, LKvK+14, MPBC16, Pol05, RKKS+07, RCOLO9, Sha03, XLY09, XSTN14, YYT+11, YYTC12, BZL+17, MYH+10]. Automatically [LNLB16, MSQ+18, MAS+16, BKD+08, DIO+12, RMBB+13]. Automating [LLN+14, Mac86, SG91]. automultiscopic [DSAF+13, DDD+14, EDF+16]. Autonomous [XYZY+17, DE05, LXS+18]. Autoscanning [XHS+15, WSL+14]. autostereoscopic [MP04, SMG+05]. auxetic [KCD+16]. auxetics [KLPCP18]. Avatar [HSW+17, IBP15]. avatars [BBG+13, CWW+16, LCR+02, NSX+18, SQRH+16]. AverageExplorer [ZLE14]. Averages [BF01, PBDSH13]. avoidance [KOOP11]. avoiding [Fat09a]. Aware [MMJG18, TZS+18, AMG+19, AFTCO07, AS07, BWKS11, CAO09, CAD19, CPD07, CLMK17, DAD+18, DLSC08, DRE+12, EMU15, ESZ+17, FFL10, FSGF16, GO11, HPSZ11, HK18b, HWG+13, KE18, KH10, KRK11, KP18, LSD+16, LLZ18, LYYC18, LWCT14, LWH15, LFJG17, LXS+18, LGG+07, LSC+12, LLR13, MLPP09, OHHD18, PQW+08, PHK11, PGZ+19, PLR+16, PLKD18, RvBB+03, RNd+07, RAW08, RVAL09, HLS+07, SRB+19, TSL+16, TFK+03, TAKW+19, WFS+09, WLP16, WWL+19, XWSY09, YWS+11, ZAC+17, ZJMB12, ZQCL19, ZQPM12]. axes [YSC+16, YLJ18]. Axial [P Vy90, TAV+10]. Axial-cones [TAV+10]. Axis [CCW93, LWS+15, MWR12, MWRD13, MWS+18, B004, DWW+18, ERP+19, MYRD14, MGK10]. Axis-Aligned [MWS+18, MWR12, MWRD13, MYRD14]. Azimuthal [KM17].
ETH+09, HCOB10, HQL+10, LES10, LSR18]. blurred [YSQS07]. blurred/noisy [YSQS07]. Bodies [BC14, CMT04, CFW13, DFB+17, GBF03, HRZ+13, IGL06, JTSA16, KEF05, LHLK10, PMS12, RGL05, RLIB17, SZZK15, WMW15, ZFL+10]. Body [SQRH+16, ACP02, ACP03, CZJ12, EMO10, FTP16, HHC+19, HFG+18, KIL+16, KE18, KPI19, LJ14, LST09, LTK09, LYWG13, MTP+18, MEM+19, PRMG16, PSE03, SPS+11, TIL12, TBV12, TJ08, VSK+17, WY16, WSJP17, WZC16, WP12, ZSZ+14, ZJ10, ZBG15b]. body-mounted [SPS+11].

bounded-error [BTD99]. Bounding [CB17, CCM11, SHHH9, VAZH+09, WBS07].


BSGP [HZG08]. BSP [GMP09]. BSP-based [GMP09]. BSPPDF [DLR+09, YSJR17]. bubble [BDWR12, KySK10, PCK+19]. Bubbles [HLKY08, DBWG15, KLL+07, LZJ16].


[ZCR+16]. Camera [GXY+17a, JGN16, PC82, CZL+15a, FKI+14, FSH+06, GSH18, GRBN09, GXY+17b, HST+14, HGG+11, HOM15, JMA06, JRT+15, LKK+16, LFDF07, LC15, LYT15, MRK+13, MSA+17, MWH+09, MDB+19, OHH+11, PRAV09, RTF+04, RAWV08, SXZ+12, SLL19, SHH16, VLD+13, WGD+18, WSCX16, WZC12, WLM+15, WVJ+05, WSVT13, XYH+18, ZWW+18, ZNI+14]. Camouflage [CKH18, DPW15, LR15, APS+14, CWL12, HSG+16, KWB+13, KWR16, LHG+09, RRC+16, RH16, RZK11, SPS+11, TAV+10, VRA+07, WFDH18, WZN+14, ZSZ+14, ZK14].

Camouflage [CHM+10]. Candid [FAC11]. Canonical [VMW18, FKY08]. canvas [SSGS11]. Canvases [BCV+15]. CAP [SMPZ15, DBH17]. Capacity [BSD09, XLC+16]. Capacity-constrained [BSD09]. Capture [BBO+09, FJA+14, GPHSH19, HXZ+19, HTCH15, PBS04, SBSH18, XZC+18, AWL13, AWL15, Ari06, AIH+08, BGKS17, BB+10a, BHB+11, BBN+14, BBGB16, BBA+07, BPS+08, BPHS10, CBZB15, CLS03, DAD+18, DWT+10, DKD+16, DDF+17, FKI+14, GFT+11, GITTH14, Hol18, HMLL14, HCTW11, ITM+14, JCR11, KCV+18, KP06, KN06, LMB14, LLR13, MBPY+18, MCE+17, MRC05, NZV+11, PRMG16, PMPHB17, PBO2, RND+07, RRC+16, SMP03, SPS+11, SNF05, TF+03, VWB+12, VPB+18, VAV+07, VPB+09b, VSHJ12, WMZ+13, WWY+15, WZK+17, WZC12, WSVT13, WGB16, XWW+14, ZSCS04, ZN06, ZSZ+14, ZMCF05, ZGBB19, dAST+08]. captured [BBPP10, Leh07].

Capturing [AHM+15, EBGB14, HML+14, JMM09, KUD0C7, PH06, PNDN12, WCF07, Zho18, BDCDA11, BLCDD02, DBD011, LRTA08, RTB17, TMB14, VWJ+13].

Cardinality [MS13]. Cardinality-constrained [MS13].
caricature [CLY18, HGY17]. CariGANs [CLY18].

Carlo [ALLD17, BVM+17, BAGL19, CKS+17, DMB+14, GLA+19, GHZ18, HET+14, HRV+18, JMI2, KBS15, LADL18, McC99, OKH+17, PSC+15, RAMN12, RMGH15, SHHD17, SD12, SWZ196, SJ17].
cartography [TBW+12].
cartography-intrinsic [TBW+12].
Cartoon [BCV+15, BOD+13, DLKS18, RID10, WAC06].
cartoons [BLCD02, WWH06].
carve [ZZX+18].
carving [AS07, DZP09, RSOA, SSZC010].
Cascaded [HLR+14, WLT16].
cascading [SZT+07].
case [McK87, PRZ17, SZB18, ZPZ13].
Cases [EM90, Casteljau [Pra99]. casting [KGB+09].
Casual [AECO15, HASK17, HWV+18, TTO9, ZMN+19].
causally [BBPP10].
Catenary [HRT04].
cataiodioptric [KN06, TAV+10].
cataiodioptrical [NY04].
catalog [BUSB13].
catalogue [DFL+15].
cataracts [PPZ+11].
catching [MLH+09].
Camtril [DB88, BLS16, LIG14, LS08, MRF06, NLMD12].

Catmull-Rom [DB88].

CATRA [PPZ+11].
causal [RCLM19].
causality [HMO12].
cautistic [MMT18, STTP14].
Caustics [YIC+14, GSLM+08].

cD [WFL+19].

CD-MPWF [WFL+19].
ceil [LMY+13].
cell [AA06, CMI11, FGG+17, JSS+15].
cellular [HOF70].
Center [TFD+18].
centered [GB08a].
centers [LH16].
centric [ELFS16, FL+15, KCGF14, ZXZ+18].

Centroidal [XLC+16, LWO+09, LXY+16, LL10].

Cg [MGAK03].

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

Chain-Based [YYL+19].

chaining [XYH+18].

Chains [GOS14, GOS15a].

challenging [DKD+16].
chameleon [TFK+03].
chandeliers [PKC+19].

change [BW13, SSJ+14, ZPBK17].

changes [HRvdP04, KBC+13, WM14, WTGT10, WRS+12].

changing [MBF04, PH15a].
channel [HLR⁺17]. Character [BCV⁺15, BVF17b, Cor18, EHSN20, HDK07, HTCH15, WAH⁺10, AWF⁺19, AVF17, DYP03, GCR13, GRGC15, HYL⁺12, HKT10, HSK16, HKS17, IWZL09, JG⁺14, JMD⁺07, KS12, KHHK09, LLP09, LWB⁺10, LLL18, LWH⁺12, LWS02, LP02, MZS⁺11, MMG06, MG03, PALvdP18, RP03, RP07, RTK⁺15, SH08, SKSY08, TBvdP04, TLP07, VGB⁺14, WLO⁺14, YL10, dSDP09].

character-agnostic [AWL⁺19]. Characterization [CSBC⁺17a, CO19, CSBC⁺17b, RZK11, SMCT₁₂, SD89]. characterizations [CI97], characterizes [ZCL18]. Characterizing [FSH11b].

Characters [LYV16, LH17a, BBJP12, BP07, BBS⁺13, BVS₁₀, BDI⁺02, CBL⁺16, CBvdP09, CTV⁺13, DE05, EAPL06, HXX⁺19, JL1₁₁a, JL1₁₁b, JSMH12, JHS12, KP1₁₁b, KLF⁺19, LKYG1₃, LHH₁₇b, LZX⁺₁₉, MP0₁₀, MLP0₁₀, MPP₁₁, STC⁺₁₃, SGD₁⁺₁₀, SDO⁺₀₄, SKC⁺₁₄, TCG⁺₁₄, XLS⁺₁₁, XKCB1₈, YL0₈]. Charcoal [BSM88]. CHARMS [GKS0₂]. chart [BHMK⁺₁₈, GP0₉]. Charted [Pan1₇].


Chopper [LBMR1₂]. ChromaBlur [CLS⁺₁₇], chromatic [CLS⁺₁₇, GKJ⁺₀₅]. Chromium [HHN⁺₀₂]. CIELAB [HRV9₇].


circulation [DBWG₁₅, ETK⁺₀₇]. City [LWL₁₇, XZF⁺₀₉]. City-scale [LWL₁₇].


cloning [BKS⁺₁₂, FHL⁺₀₉, LSC⁺₁₂, SLS⁺₁₂]. Close [CPS₁₅, FK₁⁺₁₄]. close-range [FK₁⁺₁₄]. Close-to-conformal [CPS₁₅].

Closed [LM₉₁, BWSS₁₂, FXBH₁₆, JSW₀₅, VW₀₉]. closed-form [FXBH₁₆]. Closest [KTT₁₃].

Closure [LWH₁₅]. Closure-aware [LWH₁₅].

cloth [AM₁₂, BWK₀₃, BFA₀₂, CFW₁₃, CK₀₂, CLMM₁₄, FYK₁₀, GHF⁺₀₇, IM₁₂, JGT₁₇, KJM₀₈, KJM₁₀, KGB₁₁, KKN⁺₁₃, LWS⁺₁₈, LDN⁺₁₈, MTB⁺₁₃, NSO₁₂, OKRC₁₀, RPC⁺₁₀, SBDJD₁₃, TM₁₅, TWL⁺₁₈, VMFT₀₉, WOR₁₁, WPL₁₈, WCF₀₁, ZLB₁₆b, TWL⁺₁₈]. ClothCap [PMPH₁₇].

Clothing [IH₀₃, BRB⁺₁₉, HTC⁺₁₄, PMPH₁₇, WHRO₁₀, XUC⁺₁₄, YKJM₁₂, dASTH₁₀].

clothoids [CBD₁₃]. Cloud [MSQ⁺₁₈, Che₁₃, DKNY₀₈, GSC⁺₁₅, HWCO⁺₁₃, TZCO₀₉].

Clouds [WSL⁺₁₉, BDS⁺₁₈, DDS₀₃, DIO⁺₁₂, GAF⁺₁₀, HRY⁺₁₈, HLZ⁺₀₉, KM⁺₁₇a, LYO⁺₁₀, WPL₀₆, YHZ⁺₁₄]. Clustered [SHHS₀₃, Tsa₁₅, TS₀₆, TS₁₂]. Clustering [CPS₁₅, FKI⁺₁₄].

clusters [CI₉₇]. cluttered [NXS₁₂]. CNN [CT₁₇, LSO⁺₁₅, WLG⁺₁₇, WSL₁₈, WSL⁺₁₉]. CNN-based [CT₁₇]. CNNs [EKD⁺₁₇].

Co [HLV⁺₁₇a, HLV⁺₁₇b, YZX⁺₁₈, YK₁₂, YK₁₂].
compensate [POAR12]. compensated [ZRL+08]. compensating [WM14].
compensation [BHW13, SRB+19]. compilation [LS02]. compiler [MAN+16].
compiling [HBD+14]. Complement [CZY17b, PAK+19, CZY17a, LMAS16].
Complement-based [PAK+19]. Complete [CZY17b, PAK+19, CZY17a, LMAS16].
Complex [PBCF93, AA06, DRvdP14, GD02, ZQC+14]. complexity [CI84, ME05].
compliant [MZB+17]. component [KCKK12, SSK+17, YWS+11].
component-based [KCKK12]. components [DYY+16, HFH+17, NKGR06, NVV+13, SHHS03, SFWG04, WZF+18].
composites [XADR12]. Compositing [Duf17a, KSH+14, Aga07, BSS+11, BPB13, CGC+03, DWT+02, Dufl7b, HLR+17, SGW06, YTBK11].
Composition [DGHH93, LM97, BGKS17, CLC14, GB08b, HCO+12, LVydpG12, ZJ18, ZXC+18].
comprehensible [BF08]. Comprehensive [LST09, JdMI14, JNSJ11]. Compressed [MHU19, SLM+17a, NNSM07, SLM+17b, WYL+14]. Compressing [LSA05].
Compression [Ari06, BIP01, MHU19, SILN11, SWWW15, AFSR03, BCG05, FLW02, GD02, IG03, LAJJ14, LD13, MEMS06, MCHAM06, PM05, RAI06, TDL+18, TR98, YGM97].
Compressive [ITM+14, MWH+13, MWBR13, PML+09, HWRH13, HWR14, LLWD14, WLHR12].
Computation [PM95, PYY90, VMKK00, WJZL08, FBC12, GS012, GS85, HZ82, ILSS06, JTL+12, LK02, LHF15, LWL+09, MIB15, PSBM07, QHY+16, RGK+08, She13, SGG+06, TLK09, TK14, XLC+16].
Computational [AHB18, BGKS17, BAD10, BM07, BLT+15, CTN+13, DSZ+16, FGN84, FSY+15, GJG16, HGG+11, LDTA17, LZF+19, MZL+17, MLB16, MSDK16, OKH+16, PYB+16, PRMR14, POT17, RMMG10, SSK+10, SPG+16, SHHW16, STC+13, SWT+17, SZ15, TCG+14, WHG84, XZM+18, YCC17, ZYZZ15, ZFS+19, AJD+10, AMG+18, BPK+13, DYN03, DKNY08, FY96, Fre16, HRH+13, HBWR14, HPK+17, KCD+16, KPM+17, KSS+15, KS11, LHH+09, LLMZ16, MPI+18, MZB+17, OHR14, STTP14, WFDH18, XKF+18, XDF+19, XRLF15].
computationally [KTY09]. compute [LMAS16]. computed [Bae18, IYYI14].
Computer [BG89b, CT82, Coo86, Gol84, Gol85a, Hil86, KP92, MSK10, MRC+86, Pav90, SMPZ15, SLGS01, WP90, Mon03, ACMs10, Gol02, HCW15, ILB15, KFS13, PVL+05, ShL+17, TL04, WQLJ18, YGM97, ZAJ+15].
Computer-Aided [BG89b, Gol84].
computer-assisted [ILB15].
computer-controlled [AN03].
Computer-generated [MSK10, ZAJ+15].
Computing [ACP+01, BHK14, CCW93, DLSCS08, DEM96, FCJO7, FLG15, FL16, GOMP98, HBLM11, LWS+15, LPS+13, PYW14, PV06, SS19, YLY+19, ZWL+18, BFH+04, CWW13b, OK10, PNH+14, SCS+08, YPB16].
concatenative [AJM12]. Concept
[IBB15, LB84, SBSS12, SLZ+13].
Concurrency [Hil86]. concurrent [BSL12].
condensation [TMDK15]. conditional [GDG+17]. Conditions [BS88, SGWJ18, BBPD12, KO11, MKRH11, MAF+09]. Cone [SSZCO10, LSVT15, SSC18]. Cones [CSZZ20, TAV+10, Van06]. conferencing [KPB+12]. configurable [Pel05].
configuring [RvBB+03]. configuration [WJ19]. confocal [LCV+04]. Conformal [SSP08, VMW15, CPS15, CPS13, KSS06, LPRM02, SSC18, WG10]. Conformal [BGFAO17]. conforming [ACA+19, HGCO+12]. congruent [AMCO08]. Conic [Pav83, PK83, Pot91].
Connected [ZGH+16, ICG17]. Connecting [SRJ18, DTH14]. Connection [TLD16, BWS10, GKS12, NCVMO05]. connections [PVG19, TH19].
Consistent [ACBCO17, DNZ+17b]. RSM10b, ASL+17, CRA11, DNZ+17a, DDTP15, HZG+12, ISS17, LCK+14].
CBvdP08, KSG03, LZC+18, MS13, MZ13, SJLP11, TBT08, TNGF15, WGB16, YMPM11, YK14, ZJL14, ZHCJ15].
Constraining [YCP16]. Constraint [BD86, CH07, Sha03, BML+14, HK12, JASR99, KHD14, SAZK06, WG09].
Constraint-Based [BD86, CH07, Sha03].
constraint-solving [JASR99]. Constraints [FH97, GdI84, KF93, RH94, SW14, TQ94, AFC+10, BGFAO17, HSG+19, HZ82, IOI05, JTCW07, KOOP11, SvTSH14, XL+16, YL08, YYW+12a].
ConstructAide [KGFF14]. Constructing [LFXH17, MHS+19a, SG03].
Construction [FG90, HJS+14, LMAH+18, SH07, SB95, WLY+16, BO04, BLTD16, CGG+04, DS15, DKP11, DFM13, FZL11, IIM12, KGFF14, LXFH15, LVS+13, WWT+06, WG09, XN07, YZ04, ZM11, ZHWG08, vTSSH13].
Constructions [DB88]. Constructive [CCK92, FH97, JASR99, LDF14].
Constructor [VKJ+17]. Consumer [CKH18, LWCT14, ZK14].
Contact [ERL18, KLI7a, MHNT15, MLPP09, PAK+19, TFD+18, AVGT12, AFC+10, BLT+15, BAF02, DJBDD13, GHH+18, HVS+09, JTL+12, JGT17, JLF+09, KIM10, KL17b, KJF03, LLI+11, LDL+18, LYNdP+10, LCBD+18, MZ+11, MTP12, MWTK13, PRW+18, TOK14, VBG+13, YL12, ZJ11]. Contact-aware [MLPP09].
contact-invariant [MTP12, MWTK13]. contact-rich [LYvdP+10]. contact-space [JTL+12]. contacts [JL11a]. Content [KSP13, LHKR10, LGJ09, THKM13, ZQCI19, AFR+07, AS07, BLDA11, CA09, HDLM17, MRC05, WWOH08, XLC+10].
Content-adaptive [KSP13, LHKR10, THKM13, BLDA11]. Content-aware [ZQL19, AS07].
content-based [MRC05]. Content-preserving [LGJ09, CA09].
Contention [HC86]. Context [FH10, HTG14, LGG+07, SACO04].
HZvK+15, KP18, LMS13, LSD+16, PKM+11, WLP16, MGT+03]. Context-aware [LLG+07, KP18, LSD+16, WLP16].
Context-based [FH10, HTG14, SACO04]. contextual [LWC+14, XMZ+14].
contingent [ATM$^{+}$17, MSM$^{+}$17], continuua [NO13]. Continuation [YCBvdP08].
Continuity [BS88, DB88, GP09, SYSP14, Far89, HH10, HB89, Pot91]. Continuous [KP03, LWH$^{+}$12, MM08, PP93, PMA$^{+}$14, RPWO18, SMP03, Se93, SHD$^{+}$14, TMOT12, TSLP14, YIC$^{+}$14, ZRLK07, ZLW$^{+}$16, BG5F10, BEB12, DTP15, Kout16, Lev06, OLGM11, PRJ$^{+}$13, SMGH18, TMY$^{+}$11, TTWM14, TBC$^{+}$16, TLP07, TFG$^{+}$13, Wan14, WHK17, WLH$^{+}$13].
continuously [TDMS16, ZIT$^{+}$18].
Continuum [TCP06, YSB$^{+}$15, DBD16, MSW$^{+}$09, WFL$^{+}$19, YSC$^{+}$18]. contoning [BVF$^{+}$17a].

Contributing [BDD11]. Control [BB83, BSM88, BVF17b, DLG90, EHSN20, Hil87, LHJ$^{+}$14, LIVY16, LH17a, PM17b, SLST14, AVF17, BP08, BdsP09, CH05, CWC11, COS19, CBvdP09, CBvdP10, DZS08, DKNY08, HYLI12, HRL15, HGG$^{+}$11, HsvTP12, HKS17, HHC$^{+}$19, HZM$^{+}$08, IWZL09, ITM$^{+}$14, JL11b, JWL$^{+}$13, KLL$^{+}$07, KCD09, LCR$^{+}$02, LT06, LKL10, LES10, LPKL14, LYP$^{+}$18, LL18, LPPL19, LWH$^{+}$12, LC15, LYvdP$^{+}$10, LYvdPG12, LYWG13, LH17b, MTP$^{+}$18, MZ509, MTSP04, MLPP09, MPP11, SHD$^{+}$18, OHB$^{+}$11, PM17a, PSE03, RSH$^{+}$05a, RTK$^{+}$15, RCOLO9, RNJ16, SSB$^{+}$15, SBR$^{+}$15, SJJ12, SGM$^{+}$16, SH08, SMD$^{+}$15, TMP03, TLP07, TJ07, VSHJ12, WMZ$^{+}$13, WWH04, WPKL17, WPL18, cWP10, XYJ13, YL10, YLvdP07, YHZ$^{+}$14, ZSKS18, ZZMC13, dSDP09].
Controllable [SY05, SG01, WG10, XCLT14, LH05, MDLW15, Pot91, TiABI07]. Controlled [CCW93, MZ13, AHID15, Ano03, ESCK16, FSH11a, HSD13, HZCJ17].
Controlled-distortion [MZ13]. Controller [AFP$^{+}$95, Gla90, BGS4, XDF$^{+}$19].
Controller-Based [AFP$^{+}$95]. controllers [CHP07, LLP09, LKTK10, LLKP11, MK16, WFR09, WFR10, WHDK12, dLMH10].
Controlling [JL11a, KABL14, KH17a, RMGH15, KH17b].

Convex [Day90, MPB17a, TM84, BDD11, BLTD16, FL5G14, HZ82, MDK$^{+}$16, MPB17b, MCK13, TLJP18].
Conversion [RWW90, SV93, DIP$^{+}$18, KDW$^{+}$17].

Controller [AFP$^{+}$95]. controllers [CHP07, LLP09, LKTK10, LLKP11, MK16, WFR09, WFR10, WHDK12, dLMH10].

Coons [KOY$^{+}$11]. cooperation [EAPL06].
Coordinate [Tur82]. Coordinates [FHL$^{+}$09, BPC16, BLTD16, HF06, JMD$^{+}$07, JSW05, LJH13a, LSLCO05, PBH15, TMB18, YL08, ZDL$^{+}$14, LCC08].

Corrected [WK99]. Correcting [HLBR12, HWBR14, KLF$^{+}$19, RMD12, WFDH18].
correction [KPB$^{+}$12, MHM$^{+}$17].

Corrective [GZW$^{+}$16, SP09]. correctives [LYYB13]. correlated [GCH$^{+}$19, JAG18].

Correlation [GNHM15, CHWH17, FKY08, OŽ12].
Correlation-Based [GNHM15].
Correlations [SCO17b, SCO17a].

Correspondence
STZ14, WPL06, XSTN14, YSW+17, ZSO0]. CurveUps [GMB17, curvilinear [XLY09].


D [BIP01, Bou18, GIZ09, SLV+13, AJS20, AKZ+15, AWL+19, AL13, ALX+14, AXZ+15, AZB09, AAR05, AIH+08, ARS14, BVF+17a, BKL16, BHR13, BP07, BSS+11, BS1K+16, BSS02, BBN+12, BSS+13, BVG11, BKG+13, BWSS12, BV156, Bly06, BSM+07, BR07, BUA15, BATU18, CCA+12, CB04, CWLZ13, CKH18, CMZP14, CK10, CGK11, CGF09, CSPF12, Che13, CLD+13, CLW+14, CZL+15b, CK1W15, CLF+18, DNZ+17b, DNZ+17a, DS15, DLSCS08, DSAF+13, DLD+16, DIP+18, DHL14, DDP02, DBB+17, ESCK16, EGB14, EDF+16, EPD09, ESZ+17, EM96, FZBR16, FJL+16, FH10, FRS+12, FSL+15, FMK+03, GDAB+17a, GDAB+17b, GZW+16, GZC+16, GIZ09, GM05, GF08, GGS03, GTDS10, GKHH12, GWN+03, GBW05, GFH+12, GRT13, GZ15, GXY+17a, HGRTO4, HGY17, HASK17, HK18a, HNH19, Hi87, HLHR09, HLZ10, HDK07, HMC11, HLV+17a, HLV+17b, IHTWB11, HCTW11, HITCH15].

D [HMT+15, HDGN17, Hud92, HOM15, IBP15, IGP+17, ICG17, JTRS12, JBM+17, JSDK12, JLF+09, JZH07, KMM+02, KHS10, KH06, KSH+14, KDM+16, KDR+16, KSES14, KMYG12, KLM+12, KRD+12, KLM+13, KKL13, KTL+04, KDMW17, KFCO+07, KSS+15, KS04b, KYC+17, LMS13, LHW+10, LRA10, LHHR10, LCXS09, LOM11, LH+09, LRA+07, LACOS8, LT09, LSH+10, LVG+13, LPL+17, LBB+17b, LHM+18, LCOZ+11, LYC18, LOW18, LFZ18, LGJ09, LWC14, LHL15, LGK+03b, LFL09, LvBK+10, LHV17a, LHV17b, LSV+14, LBRM12, MLZ+16, MFV+18, MHS+19a, MLYZ19, Ma192, MWH+13, MPI+18, MSHS06, MPD03, MPN+02, MP04, MAN+16, MTN+15, MSS+17, MGP10, MGP06, MYW15, MLS+18, NG18, NLGK18, NAH+18, NISA07, NDR05, NZ13, OX+14, OHB+11, OLGM11, ON014, Par17, PGP+19, PMW+08, PK05, PW18, PZ17, PRM14, PSG+06, PMPH17, PWLS13, RAWV08, RSL16, RSI+08, R1D10, R1D10, RMD12, RHH10, RMB+13]. D [SS14, SHM+18, SCH+14, SLV+13, SSS11, SKS09, SBR+15, SHL+17, SF07, Shn92, SSS+08, SARW+15, SSS06, SDW+16, SVB+12, SQRH+16, SRB+19, SSK+17, TDL+18, T16D, TDM11, TMB18, TS08, TFK+03, TMB14, UTB+19, VCV+15, VSHJ12, WBF+17a, WBF+17b, WAO+09, WWY+13, WGW+13, WSX16, WL17, WS1T18, WSH+18, WLX+18, WKHA18, WXLY17, WLHR11, WDB+07, WSW+12, WZQ+18, WVL+19, XLF+11, XIAP+17, XLJ+09, XZT+09, XZ+11, XZC14, XCF+13, XCS+14, XSZ+16, Y1L7, YSL+14, YMRD15, YSC+16, YLJ18, YWS+11, YKC+16, YZX+18, YSHW17, ZLP+15, ZAC+17, ZZW+18, ZWK14, ZSW+10, ZSM14, ZK14, Zho18, ZZCJ13, ZNI+14, ZPKG02]. D-ware [LWCT14, YWS+11].

D-modeling [TS08]. D-printable [KSS+15, LBRM12, MTN+15]. D-printing [CCA+12]. D-shape [WWL+19]. D-to-
DAGs [KSA13]. damage
[WFL+19]. damping [XB17]. Dapper
[CK10, CLSM15, CT17, Fol87, GLL+16, HFL14, JHL13, JWL+13, KNS+09, KPM+17, LJS+15, LKL10, Lev90, LCODL08, LCX16, MTP+15, NRS15, PH08, RO85, SPDF13, SMGE11, SKAG15, Tsa15, WYW+10, WOR11, AA09, ACP02, BCG05, BKR+05, Che13, CLW+14, CLS03, DH06, FKY08, FCGH08, Hol18, HDK07, JLB05, JLSW02, KHS09, LBJK09, LCR+02, LCL06, LSK+06, LGZ+13, LGF04, MUB15, MPBM03, MRC05, RPE+05, SNF05, SSII18b, SKL07, SJJR18, TZK+11, WAO+09, WWS+05, WLL+14, WSL13, ZCW+17, ZLE14, JTCW07, RO87]. Data-Driven
glenn+16, LRS15, Tsa15, CL10, CLSM15, CT17, HFL14, JHL13, JWL+13, KNS+09, KPM+17, LJS+15, LKL10, LCODL08, LCX16, MTP+15, PH08, SPDF13, SMGE11, SKAG15, WYW+10, WOR11, MUB15, MPBM03, RPE+05, SSII18b, SJJR18, WLL+14, WSL13, ZCW+17, JTCW07].
Database
gf82, HMLL15, SBHH16, XLS+11].
databases [Ari06, MF+18]. dataflow
[HZG09]. Dataset [WAY+18]. datasets
[BZL+15, KGB+09, OA11]. day
[SPDF13, WM14]. de-animating
[BAAR12]. dead [KHS03]. deblurring
[CL09, CWL12, JKZS10, LWC+13, RAT06, SJA08, WHB+12, YSQ07]. Debugging
[HZG09, DNB+05]. decay [SGV06].
decimation [DTB06]. decision [DFP03].
Declarations
[gf82, DecoBrush
[LBW+14]. decodable [KPM16].
Decomposable [Zyd88]. decompose
[CZL+15b, Rit18, ZZX+18]. decompose-and-pack [CZL+15b]. decompose-and-spiral-carve [ZZX+18].
Decomposed [LGL+19]. Decomposing
[TDS15, TGL17a, TGL17b].
Decomposition
[BBPA15, LW15, MLS+18, SBN15, TM84, AFO05, Bel18, BHY15, CRA11, GLDZ15, GNS+12, GKI+05, HLZC14, KT03, Koub16, KHLN17, LD12, LGZ+13, NAI+18, PK05, SSD09b, TEG18, TLJP18, TLDH03, XXY+06, ZZWC12, ZYH+15].
decompositions
[FFLS08, MSM+17, MCK13].
decovlolution [KWB+13, YSQ08].
Decorative
[YKGA17a, LBW+14, YKGA17b].
decorator [CXY+15]. decors [CML+17].
Decoupled
[AK04, HLV+15, MEM+17].
Decoupling
[AK04, HLV+15, MEM+17].
Deeducing
[LYL08]. Deep
[ACOH+18, CK20, CM14, Duf17a, Duf17b, EKM17, GLD+19, GCPD16, GCB+17, GZC15, HWH+18, HCL+18, HPR+18, HKA+18, HWZ+20, KR17, KMM+17a, KHL19, KP18, KGT+18, KNC+08, LLW17, LH17a, LSSS18, MHP+19, NZC+18, SCO17a, SCO17b, SBK+18, WSCR18, WHG+15, WSS18, XSHR18, XBS+19, YZW+16, YHL+18, BODO18, CYT+18, DAD+18, EKD+17, HGY17, HLW+18, HSK16, LGA+18, LYY+17, LOW18, LHH17b, LHI18, LZT+19, MTP+18, PBvdP16, PYV17, PALvdP18, PHS+18, TKY+17, WSLT18, ZZI+17].
DeepFocus
[XKF18].
DeepLens
[WSZ+18]. DeepLoco
[PBV17].
DeepMimic
[PALvdP18].
DeepSketch2Face
[HGY17]. DeepToF
[MHM+17].
Defending
[Wan14].
Deferred
[TZN19, CTM13].
deficiencies
[SMHW16].
Defined
[Kaj83, vW84].
Defining
[vOV96].
Defocus
[MMP+05, VMCS15, BSS+13, HQL+10, ZN06, ZMN+19].
defocused
[MLR+14].
Deformable
[BDSP09, BC14, CMT+12, MEM+19, PM18,
VJ19, BJ05, BSG12, CFW13, DSP06, DLL+18, FGBP11, GJK+05, GSLF05, HsTvP12, HNB+06, IM10, ISF07, JF03, JP04, KJ09, KP11b, MCC09, MB12, NkJF09, PYW14, RMG15, SWtSH14, STC+13, SLS05, SGG+06, WBS07, WMW15, WXY+09, YLX+15, ZBYX19, vTSSH13.

Deformables [KBT17]. Deformation
[AXZ+15, BS16, CO19, GLL+16, GPHSH19, JS11, JWJ+14, SP04, WWY+15, ZYL+17, ACP02, BODO18, BVG09, BZ11, BCWG09, BBO+10, BSB17, BWKS11, BJD+12, CW17, CSvRV18, FH07, FKY08, FYK10, GB08a, GYQ+18, GPCP13, HSL+06, JBPS11, JP02, JTSB16, MJC+08, NFA+15, NWV+13, POB09, PH06, PH08, RS98, RTD+10, RJ07, SMP03, SMW06, SYBF06, SZT+07, SSP07, VBG+13, WJK15, WG10, WY04, WGB16, YK14, YCHK15, ZHS+05, ZPKB17].

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

Deformations [BR94, AKJ08, CGC+02, CPSS10, CPS15, HZ13, JZvDP+08, KG05, LKF12, MZL+17, MJBF02, MHTG05, TMDK15, VMW15, Wam16, ZJ12, vFTS06].

Deformers [KS12, PMS12]. Deforming
[WTGT09, KG06, SSW+13, TMY+11, ZXY+07, ZIT+18, ZIT+19]. Degenerate
[EM90, FNO89]. degenerations [GPSZ11].

Degree
[Sei93, SJ94, CAD09, CLS85, PU06].

degree-raising [CLS85]. Dehazing
[Fat14, Fat08]. Delaunay
[BSTY15, FAB+18, ILSS06, KLN91, LFXH15, LFXH17, TWAD09, YLH18].

Delay
[AMN03], delta [LL19].

Demarcating [KST08]. demonstration
[GAL+09]. demosaicking [GCPD16].

Denoising
[VRM+18, BVM+17, CKS+17, FDCO03, GCPD16, GLA+19, HS13, Hol18, LYT+14, WLT16]. Dense
[HLC+19, SB95, ZK13, BBN13, CKS18, DXZ+19, HSGL11, KRF+18, LD13, NGCL09, OCH+16, XIAP+17].

dense-weight [LD13]. Densely
[YSHWSH16]. densification [HK18b]. density [DLC+15, DJBJ19, Fat11, GHV+18, HJJ10, WHSC97]. departures [WDW+15].

Dependency [GF82]. Dependent
[YSB+15, WWT+03]. depict [CSD+09]. Depicting
[GSLM+08, LMBP+13, RB06]. depiction [TDR+12, VPB+09a]. Depixelizing [KL11]. deployable
[PKLI+19]. deployment [KLPCP18].

Depth
[CDSD13, CSN+12, Jan91, LES09, LKE18, VKB+18, AAM15, BAC16, BCO18, BHR13, BBO09, CZL+15a, CZN10, FKI+14, FG11, GWM+08, HLHR09, HK18b, JTL+12, KHK11, LSR18, LFD07, LHG+09, LCD06, Mc00, MDB+19, PZM13, RTF+04, STXJ15, SDP+18, SSD+09a, SHM+14, TK14, WJQ+18, WSZ+18, WZC12, WM03, WZ+14, XZS+16, ZSH+14, ZK14].

Depth-of-field
[LES09, KHK11, LSR18, WJQ+18].

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

Depths
[Che92]. Deriving
[WWW06]. derivation [WKR99]. Derivative
[LTD16, LC96]. Derivatives
[AOCBC15, OKRC10]. derive [Spr82].

Descent
[WY16, YLYW18]. descreening
[KP18]. describing
[RBvB+04].

Description
dFP95]. descriptive
[GSV+17]. Descriptor
[MOR+18, GMW16, HZvK+15, KSH+16, SvKK+11].

descriptor-space [SvKK+11]. Descriptors
[HKC+18, CT17, TD16]. DESSIA
[WS018]. Design
[BI92, BG99b, BWS12, BBO+10, BR94, BSBC12, BAC+18, Cas91, FSDH07, GDB+17a, Gol18, Gol5a, JTSW17, LTD16, LHVT17a, Mac86, PPY95, PTC+15, RHW94, SSL+14, SW14, SG91, TBWP16, VHW12, ZXM+18, XLCB15, YKGA17a, AMG+18, AMG+19, AHB18, ACBC07, BB15, BCC17, BLT+15, CK14b,
CZXZ14, CLSM15, CLMK17, CPWAP08, CTN+13, DLC+15, DSZ+16, DYYY+15, FYY+16, GDAB+17b, GSF+14, GJG16, GPD+18, GSV+17, IIM12, KP09, KP10, KCD+16, KSS+15, KSSI17, KAMJ05, LSD+16, LWS+18, LXW+11, LZF+19, LVkK+14, LHVT+17b, LCBD+18, MZL+17, MGBD05, MPBC+16, MPI+18, MDLW15, MSS+19, MZD05, MTN+15, MZB+17, MSL+11, MMT18, MLB16, MI07, PZ07, PRK+17, PTG02, PYB+16, POT17, PTV+17, RVL108, RRS13, SXX+17, SWC+18, STTP14, STC+13, SCGT15, SWT+17, SZ15, TGY+09, TCG+14, UBW99, UMK17, UIM12, UKSI14, UPSW16, UB18].

design [VABW09, VGDA+12, VBFG12, WJBK15, WCPM18, WLM+15, WDR11, WDR13, XSBZ15, XB17, XKCBI8, XDF+19, YWVV13, YKGA17b, YC17, ZKBT17, ZMT06, ZFS+19, ZQCL19].

Design-driven [BWSS12]. Designing

[AHP+03, CLM+13, PBH13, PPW18, RCLM19, STK+14, ZCT16, Coh87, JRT+15, NISA07, ONOI04, WSP18].

designs [CKX+08, DFL+15, LHY+15, PKM+11, PCLC16, ZCL18].

desired

[BBO+10, MZL+17, ZKBT17].

desktop

[LFKN04].

destination [KAB+10].

Detail

[FH07, HK10a, MSW+09, SK16, CH04, CHPR07, ECBK14, FFLS08, FAR07, FKY+10, HFTF15, KGS+18, LKG+03a, NSAC05, PSN13, PKZ04, RBDO6, WWA+16, YKJM12, ZNT18].

Detail-Preserving

[SK16, HK10a, NSAC05, WWA+16, ZNT18].

Detailed

[BBK+15, EB14, AFO05, DKK+10, GVWT13, GMP+06, KMB+09, YL12].

details [Bae18, BC18, B0u18, Cor18, Did18, Gup18, Hac18, Iza18, JCW09b, Kal18, Kau18, Kim18, Lau18, Lee18, Li18, Lip18, Liu18, Mit18, Pau18, Rit18, Ter18, Wan18b, Xu18, Zha18, Zho18, Zha18a, Zha18b].

Detection

[RV89, BEB12, CMZP14, DAB15, GJK+05, Hub96, JP04, MSHS06, Mir98, MGP06, RTF+04, SPO10, TTWM14, Wan14, WHL+13, XZJ+12, YNS19, ZRLK07].

Detections [NY94].

Determination

[EM96, SNT05].

deterministic [GGY18].

deterministic-stochastic [GGY18].

Developability [SGC18].

Developable

[JHR+15, RSH18a, SRH+15, TBWP16, EB08, KCD+16, LPW+06].

Development

[WW82, FHF+17].

developmental

[PNH+14].

Deviation

[WDW15].

Device

[GFMS95, GMP+16, JPG+14].

Device-Directed

[GFMS95].

Devices

[LMR83, NKK+14, RV93, HHGH13, XBNZ19].

Dexterous

[Liu09].

DFlow

[DTP15].

Diagrams

[LFXH17, AGG+17, GS85, IOO05, LACS08, MHS18, SG+06, XLC+16, dGW15].

DiagSplit

[FFB+09].

dialogue-driven

[LDTA17].

dictionaries

[GZB+13, MWBR13].

dictionary [XZ+14].

diff

[BDG15].

diffrence

[CHWH17, GWAB19, HRV97].

differences

[VMK10, WGY+18, BDG15, ROA+13].

Differenting

[Kla91b, Kla94, Rap91].

different

[SPDF13].

Differentiable

[LADL18, LGA+18, TYY+19].

Differential

[WW11, LXY+16, YLH18].

differentiation

[Gue07].

difficult [JM12].

diffing [DP13].

diffraacted

[JBY+19].

diffraction

[TG17b, CHB+12, HP17, SMM14, T17a, YJB+14].

diffractive

[Fre16, WVJH17].

diffuse

[DDTP15, MWRD13, SMM14, SRF18].

diffuse-spectral [SRF18].

Diffusion

[BAU15, CZN10, FFL10, KMS07, OBW+08, SX+12, TMRL14, BX03, CA009, DI11, DJ05, IKCM13, JCW09a, JCW09b, MC99, STZ14, TSN10, WZ+08a, XSTN14, ZF03].

Digital

[GRS93, KMS07, KL12, MBS+11, PSA+04, SFB92, SCB88, WDB+07, ADA+04, CXY+15, CZX+16, GBO8b, ITM+14, PLKD18, RSSF02, RMD12, Sha03].
digitization [HSW+17]. Dihedral [PRP+15, LS07]. dilution [NGD+06].
Dimension [PBCF93, GZ05].
Dimension-Independent [PBCF93].
Dimensional [CKH18, Day90, EM94, Gl90, KM97, MEA+18, OF01, AGDL09, 
BB091, BJ17, Boi84, CH05, COSL98, EPM+14, GO12, IGLF06, JSMH12, 
LWH+12, MSRB07, MdLH10, SHP04, UB18, WWS+05, ZWL+18].
dimensionally [GMP09]. Dimensions [WF96].
DINUS [MFR+10]. Dip [AKZ+17]. Dipole [FHK14, FD17].
Direct [HPB06, Jac86, KTB07, LL19, SB95, SF09, 
SWZ96, ZHX+07, BSK+16, MIB15, 
NKGR06, SILN11, VKK18, Bly06].
Direct-Manipulation [Jac86].
Direct-to-indirect [HPB06]. Directable [HG09, BMGW07].
Directed [GFMS95, BKLP16, MTP+18, PRM16, SRL+15].
Directing [GLC+18, PCLC16, CLC14].
Direction [RS14b, TWLT19, BMSG09, GI04, KCPS13, 
LXW+11, PS04, RVL08, RVAL09, ZLP+15].
Directional [FK14, 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, BLFW14, IWC+11, 
WL16]. Discovery [HGM14, MTP12].
discrepancy [APC+16, DEM96]. Discrete [AW11, AHL17a, AOCBC15, BUAG12, 
BWR+08, BAV+10, ESBIC9, FW12, 
JHY+14, KSS06, LTDI16, MWT11, Mal89, 
MOR+18, MGP10, RHSH18a, Tan94, 
TLHD03, AHL17b, ABOA2B, CPS11, 
DBWG15, LCCS18, LZHI+17, QHY+16, 
RHSH18b, SGW06, SS10b, SRGB14, 
SGG+06, VBCG10, WX09, YWH13, YXH14, 
YSC+18]. discriminative [AR14].
disk [BWWM10, EDP+11, EBJ+06, GM09, 
Wei08, YW13, DH06]. Disney [BAC+18].
disparity [DRE+11, DRE+12, FK17, 
KDM+16, LHW+10]. dispersed [KySK10].
Dispersion [CMT+16, CT05]. Displaced [CHZ14]. Displacement
[BvddPPH11, Roc89, DHI+13, HFG+18, 
MJC+08, NFA+15, NL13, WWT+03, 
WZYYR19, YHC0Z18].
displacement-mapped [WZYYR19].
Display [DVC09, Jan91, JGN16, LMR83, 
MDK08, PRM14, RO85, RO87, SBH18, 
Wk95, Zy88, AWGB04, ALK+17, BNL10, 
BSW02, BGB+05, DER+10, Di18, D0D2b, 
EFD+16, F0H4b, FR19, GZL14, GWN+03, 
HWBR14, JBM+17, JBL18, JMY+07, 
KYS+15, KJS+19, Kour16, KKB+11, 
LWH+11, LCTS05, LTO+15, MWH+13, 
MP04, NBB04, PMR04, SMG+05, SSH+04, 
SST+83, TFK+03, TGH99, VJB+14, ZN06].
Display-Camera [JGN16]. displaying [SDIN18]. Displays
[Dun83, VN85, AFR+07, BF12, CB04, 
CKS18, DSAF+13, DDD+14, FRSLO8, 
GW05, HWRH13, HLR+14, HLR12, 
HWBR14, HCV15, HPK+17, KMP+17, 
KBBD17, LHRK10, LLI3, LJ+16, 
MLR+14, MK17, MS05, MFL17, MSM+17, 
NAB+15, POAR12, SILV+13, SHK+17, 
TDMS16, WLHR11, WLHR12, XKF+18].
dissections [DYYT17]. dissipative [BOFN18].
Distance [MPB17a, PP94, COSL98, CWW13b, 
HCO10, KvKSHCO15, LRF10, LCDF10, 
MWH+09, MPB17b, TLL09, TTT+17, 
WPL06, WDB+08, Xia97, ZDF+15].
distances [AWBG04, SRGB14, SdGP+15].
Distinctive [SF07, LRFN04].
distinctiveness [HRZ+13]. Distortion
[LYP+14, SLL19, SDK19, AL13, APL14, 
CWW13C, CW15, CCW16, CLW16, 
KLS03, KABL15, LW16, Lip12, MZ13, 
PT+17, SdS02, TBT08, ZBBK18].
Distortion-free [SLL19]. distortions
Distributed [KSH10, LN84]. Distributing [MSQ+18].
Distribution [YMRD15, HDCD15, HHA+10, LD05, LAC+11, MYRD14].
Distributional [PP94], distributions [BSD09, DHB17, OFCD02, OG12, XH18, YHMR16]. diverse [WLO+14, XZCOC12].
divide [Mor11]. divide-and-conquer [Mor11]. division [ABJN85]. Dlite [HDGN17]. Do [AFR+07, CGL+08, CSD+09, EHA12, JMB+14, WKA18].
dockers [BWK511]. document [JLS+03]. Documents [XZZ18, FNd82]. DOF [HMT+15]. Domain
[AVF17, BVF17b, DMZ+17, GO11, LLN+14, SHD+14, ALS+18, Aga07, AWL13, ALLD17, BPE17, BZCC10, BDT+08, FLW02, GNS+12, GHV+18, HSRG07, HSL+06, HK08, KSH10, KMA+15, KHL19, KLS+13, LKL+13, Lév03, MRK+14, MKD+16, MP08, PKCH18, SMGE11, WJ19, WW11, XZY+07, YWVW13, ZLC+13]. domains [HZCJ17, Sdp+15, TPP+11, WMW15].
dome [HW12]. Dominant [SRUL16, GJTP17, SPGT18, SRUL7]. dominates [EMO10]. doodles [TBvdP04].
Downsampling [ZWR16], downscaling [GO17, KSP13, ÖG15, WWA+16]. Drag [JSTS06]. Drag-and-drop [JSTS06].
dragon [WPKL17]. DRAPE [GRH+12].
drawn [CGL+08]. Drawing [Bl82, DH96, Kla91a, VN85, AG05, FLB16, FTP03, Ga99, GTS10, JDA07, KMM+02, KNS+09, KLKL13, Lzc11, LFTC13, LBW+14, PLKD18, SKSK09, Spr82].
Drawings [BCV+15, BS19, BSv16, BKR+05, CSD+09, FZLM11, LMLH07, LRS18, NSX+11, NHS+13, RRS19, VA88].
drawn [JSMH12, SBBH16, SKC+14, XWSY15].

dress [CY+18]. dressing [Cttl15, CYT+18, GRH+12]. DressUp [YTYC12]. dribbling [HHC+19, LH18].
Driven [GLL+16, JSHH15, NRS15, Tsaa15, Aca07, AXZ+15, AJM12, BS+16, BDM09, BWSS12, CTFP05, CGC+02, CK10, CLSM15, CT17, DPF03, FL04, FKY08, FY+16, HDS+18, HZ+13, HYG+13, HFL14, JHS12, JWL+13, KNS+09, KAL+17, KYS+15, KP11b, KPMP+17, LJS+15, LS02, LD1A17, LKL10, LTK09, LCODL08, LYGC15, LT00, LYWG13, LXC+15, LCX16, MJC+08, MLZ+16, MPF+18, MTP+15, MUB15, MPBM03, NHS+13, PH08, PSF09, PL07, RPE+05, ST14, SPF13, SMGE11, SSH18b, SR18, SKAG15, VK16, WYW+10, WOR11, WLL+14, WSL13, WSL+14, XZZ+11, XSZ+16, YHZ+14, ZCW+17, ZXL+18, ZYL+17, JTCW07]. Driving [FJA+14]. drone [NMD+17]. Drones [GLC+18]. drop [JSTS06]. drops [BNK10, WMT05]. Drucker [KGP+16]. DS [DML17]. DSCarver [ZZX+18]. DSL [BSL+16]. DTV [KDW+17]. Dual [CBK12, CK14b, JLSW02, Lévo3, LFXH17, SCG+05, ZYWK08, KPS+17, KC0Z08, LAKL11, LHKR10, ORK12, WSM11]. dual-frame [HPK+17]. dual-layer [LHKR10]. dual-scale [WSM11]. dual-space [KAL11]. dualite [OB02].
due [GRBN09]. during [DTY05, HRvdP04, MBF04]. dust [OHR14].
Dyadic [KBZ15]. Dyana [PMRMB15].
Dynamic [ASP07, AMMS08, BAm14, BS+07, CWW+13a, CM10, DGH16, DJ18a, HL14, IBP15, Kal14, KH17a, LCTS05, MLWT13, PBvdP15, SLR+16, TQ94, VPB+09b, WSL+19, WRK+10, Wv92, WS17a, XWW+14, YPG01, ZIH+11, ZMCF05, ADM+08, BBB+14, BI08, CHZ14, CWW16, CCWL18, CGC+02, CH07, SZ11, DJBDT10, DJBDT13, DHW+11, DD02b, FLW02, GVWT13, GRB+18, HSG+16, HKAK16].

JP02, JF03, JSB+10, KSB+13, KR17, KNS+09, KUWS03, KYYL08, KFCO06, KLF+19, KH17b, LWH+11, LSA05, LLV+12, LP02, LvdPG12, LNWB03, LSS+19, MRK+13, MKMS04, MEMS06, MP04, MWI18, MLPP09, MK16, MCK13, MCHAM06, Mus13, NSX+18, NHAH03, PBM15, PBYV17, PMRMB15, RSM+10a, RWS+06, RAI06, SHS+04, SKY+12, SZT+08, SCT+15, SKS02, SKK+12, SKB+14, SLJP11, SM06, SZC+07, SZS+08, SPW+18, TAHL07, TPWG02, Van06, VBK05, WBS07, WRG+09, WLHR11, WFL+19, WS17b, YPB16.

dynamic [YL08, ZWZ+16, ZHL+05].
Dynamical [LCCS18]. dynamically [KJS+19, RH16]. dynamically-foveated [KJS+19].
Dynamics [CLMK17, MEM+19, MHNT15, BKLP16, BWRB05, BAC+06, BML+14, BEH18, DBDB11, DYN03, DKNY08, EH07, FTP16, GvdBL+12, KEP05, KPH18, LT08, LLR+15, LCX16, NGCL09, RGL05, TNGF15, TJ07, Wan15, WWB+19, WP12, WST09, XB16, ZSZ+14, ZPBK17]. Dynamics-aware [CLMK17]. dynamism [LJH13b]. DyRT [JP02].

Earth [SRGB14]. Easily [LZCX19]. Easy [Pet95, RKAP+12, SFG+13]. EasyFont [LZCX19]. Ebb [BSL+16]. ecosystem [CGG+17]. ecosystems [MHS+19b]. Edge [FFLS08, Fat09a, FCA09, HWG+13, KRK11, SGM12, SSD09b, WHT+06, BHY15, CPD07, FFL10, Fat07, GO11, HHHF+19, KTY09, LADL18, LSVT15, PHK11, RTF+04, WSM11]. Edge-avoiding [Fat09a].

Edge-aware [HWG+13, KRK11, CPD07, FFL10, GO11, PHK11]. Edge-based [FCA09, KTY09]. edge-cone [LSVT15].

Edge-guided [SGM12]. Edge-preserving [FFLS08, SSD09b, BHY15]. edge-breaker [AFSR03]. edges [BWG03, LD06, Nai98, SNCH08, WXYL17].

Edit [GJWW14, AP08, CZZT12, GSMCO09, JMB+14, KvKSHCO15, XLJ+09].

Editing [BL18, BBPA15, JSSH15, JZH07, KG06, LKZW10, SDN18, SSSH17, AYL+12, APS+14, AFTCO07, BCT15, BPK+13, BSG12, BSFG09, BC02, BSK+16, BAOR06, BAERD08, BSHK04, BMBZ02, BWSK12, BST+14, Bou18, Bou20, CZM+10, CBL+16, CSR010, DTP15, DCP14a, DDTP15, FH04a, FH07, FFL10, FTZ+19, GZO8, GCSS06, HR13, HSK16, HXM+13, HZW+13, IDN12, JCW09a, JGGN15, KBD07, KRFB06, KN02, KHKL09, KLLT08, LRT+14, LBAD+06, LDTA17, LHdG+14, LWW08, LTJ18, LKG+03b, LSS+17, MBWB02, NSAC05, PHT+13, PL07, Pel10, PZKW11, PG03, PHS+18, RAKRF08, ROTS09, SSTP15, SFL04, SSRB+17, STPP09, SSJ+11, TPSH13, UKI11, XYZ+07, XMR+11, XYJ13, YZX+04, YCHK15, ZWZ+16, ZPKG02].

Editors [GW90, Tan83, Be91, Ber82a, Ber82b, Fol86a, Fol86b, Fol86c, GFGN84, Fue82, Pha18]. Editor-in-Chief [Be91]. Editorial [Be91, Fol91, Fol92, Fol95a, Gla95, Gla97, Har03a, Har03b, Har04, Har05, Hod00, Hod02b, Hod03].

Editors [BG89b, BG90a, BG90, FR87].

edits [HLR+17, IAF09].

Effect [Kla87, DK99, HOOK16, MBWB12, ZAJ+15].
effective [APH+03, BS02, WWY+13].

Effects [BYRN17a, KFB10, TG17b, YMRD15, BYRN17b, CLC96, CFW13, GGN18, KKN+13, LES10, LAC+11, MYRD14, PH15a, RAWV08, SSBG10, SKC+14, TG17a, WKR099].
efficiency [EKA84, LFY+19, Wan18a].

Efficient [AJ20, Agra07, Bel18, BFK+16, BEB12, Dun83, EDP+11, FP03, GLL+16, GHF+07, GH08, Gue07, HH16, IGLF06, IH20, KJ10, KCW+18, KLN91, KMO7, KFS13, LRR04, Lev90, LH16, LXFH15, MZS+11, MWM08, MK16, MRC05, MPG+16, NMLH14, PZM13, PM17a, PM17b, QGZ+19, SNCH08, SS00, SBN15, TEG18, TBC+16, VJ19, WAO+09].
equation
[ABW14, CK11, WZT+08a]. equational
[JASR99]. Equations [PM95, AZB09, CI97].
equilibrated [FLGJ19]. Equilibrium
[SPV+16, dGADO13]. equivalence
[RFWB07, SS10b, SSP08]. Equivalent
[FM84, MRA+13]. equi-Minkowski [PO18].
erasure [LFJG17]. Erosion
[YSC+16, CGG+17]. Errata
[NMLH14, Spe03]. Error
[AA05, BAU15, LWS+15, WBF+17a].
BTD99, BHW13, CAO09, HJJ10, PSF09,
RKZ11, SJJ12, SLWF14, TGB13, WBF+17b,
YRPF09, ZG02, ZF03]. error-bounded
[ZG02]. error-driven [PSF09].
Error-resilient [AA05]. error-tolerant
[SLWF14]. errors [PMOR10, RP03, Wan14].
Estimating [Che92, SHM+14, WSM11,
ZS00, CDP+14, HLHZ08, NSJ14, PMOR10].
Estimation [DJBJ19, GLD+19, GWP+19,
GH+18, HJJ10, HMP+07, JNSJ11,
MSS+17, MTB+13, NOP+18, WHSG97].
Estimators [SOHK16]. Euclidean
[ZWL+18]. eulerian
[LZ18, CM11, FLLP13, HK10a, KDW+17,
LLJ+11, MSQ+18, MMTD07, N013, TLK16,
WPLS18, WRS+12]. Eulerian-on-Lagrangian
[FLLP13, 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, WP08]. Event
[AEC015, SSRB+17]. events [VBK05].
eyelet [VAV+07]. Evolution
[BAC+18, MOR+18, LXY+16, MLZ+16,
XZCOC12, YLH18]. evolving
[BHLW12, IYAH17, PV06, PKC+17]. Exact
[Kla94, RvE93, BDCDA11, BEB12, FV96,
QHY+16, SSK+05b, TTWM14].
Exaggerated [RBD06]. Example
[BSP13, DFMS88, DBB+17, FJS+17,
FRS+12, JTSB16, LWP10, MTGG11,
RYL13, SDKN18, ST16, SZT+08, WYZG09,
WHR010, WXY11, XB17, AVB08, BCK+13,
DLM+15, DLKS18, EVC+15, FJL+16,
FKS+04, GLLD12, GDG+17, GJWW15,
JST+19, JMAK10, KEBK05, LHL10,
LYFD12, LBW+14, LFB+13, PCSS06,
PALvdP18, RRS13, SSL+14, VSLD13,
Wam16, WZT+08b, WPKL17, XUC+14].
Example-Based
[ST16, BSSP13, DBB+17, FJS+17, FRS+12,
JTSB16, LWP10, MTGG11, SDKN18,
SZT+08, WYZG09, WHR010, WXY11,
XB17, AVB08, DLKS18, EVC+15, FJL+16,
GDG+17, KEBK05, LYFD12, LFB+13,
Wam16, WZT+08b, XUC+14].
Example-guided
[RYL13, PALvdP18, WPKL17]. Examples
[Gol85a, AF02, FF11, HMLL14, LBDF13,
MG03, RTK+15]. excess [WHS04].
exchange [ZLB16a]. exemplar [HCL+18].
exemplar-based [HCL+18]. Exemplars
[DBP+15, KFCO+07]. exhaustive
[KKN+13]. existing [EKA84]. expanded
[JBLL18]. Expanding [LM97]. Expansion
[BVF17b, AVF17, DSAF+13, ZZB+18].
Expansions [BH+18]. Expediting
[YLX+15]. Experience [AFP+95, JGC+15].
experiences [MGD05, SPGI13].
Experimental [BBB+93, MRC+86, SCB87,
AJD+10, FNvdD82, KNN+14]. Experiments
[GHCC88]. Explicit [RBSM19]. exploded
[LACS08]. Exploiting
[PKH+17a, PKH+17b, YRPF09].
Exploration [OLGM11, BBPP10, DFL+15,
HFF16, JM12, LZ04, MGD05, MVH+17,
ROA+13, SXZ+17, SCC+18, UM12,
YYPM11, ZLE14]. Exploratory
[OLAH14, TGY+09]. Exploring [KSSG11,
KL+12, BJJW14, BYMW13, GBLM16,
HWG14, SSS06, TKT12, YRPF09].
explorations [FOA03, SR005, YY17].
Exponential [MSW14, BMT+18, SGW06].
exponentiation [RWS+06]. Exposing
[KOF13, KOF14, OF12]. Exposure
BDS+18, BDT+08, CGM11, CMMK15, CPWAP08, CL09, DE05, DDP99, DD02b, GDB+17a, GDB+17b, HW16, HK18b, JBK+12, KEF05, KWN+17, KP11b, LCD+19, LFH15, LBOK13, LYT+14, Mai92, MSM+17, NSCL08, NKGR06, ODJ04, QHY+16, RWW90, SNB07, SS10a, SLJT08, SGG+06, STZ14, SSK+05b, TTWM14, VKJ+17, WPC+14, Wam16, Wei06, WT08, YMRD15, YCR+15, AGDL09, BB07, BML+14, DLI+18, DMF13, DH06, GS04, LS07, LWO19, LWL+09, Mir98, OK10, PFHA10, PKHK15, PMA+14, RJ07, SLMB05, SYBF06, STP12, TTT+17, ZB14, ZYWK08, TMY+11. Faster [MPB17a, WV92, LAKL11, MPB17b].

FastLSM [RJ07].

feasible [RH16].

ferrofluids [CGM11].

Field-aligned [CPMS14, STJ+17, JTPSH15, MPZ14].

Field-guided [HGC+12, CZ17, JTP17].

Fields [AOCBC15, BS19, BS16, BSEH18, CO19, IBB15, MHH19, OHK+16, PLP12, SVB17a, YSHWS16, BS17, CBCG02, DVPSH15, EHGR11, FSDH07, FBL07, GRT13, GCH+19, HLHA09, JMB+14, KHH+11, KZP+13, KPS13, LRAT08, LWH+11, LWB+10, LZX+18, MPDW03, MHP+19, NSB13, PPTSH14, SVB17b, SV19, TTT+17, VRA+07, WWT+06, XZY+17, ZMSS18, ZHL+05].

Figure [GM84, AHM+15].

Figures [AFP+95, ZB94, WYF+10].

Fillet [SMB+19, WP10].

Filament-based [WP10].

filigrees [CZX+16].

Filling [Dun83, LMR83, Shm92, TOF08].

films [DBWG15, IYAH17, TL04, VRBC18].

filter [SMH+11, TK05, WADAC06, WFL+15].

filtered [BCN08].

Filtering [LD11, NMLH14, YMRD15, AGDL09, BZCC10, CLKL14, DSAF+13, DD02b, EHGR11, EDR11, GGN18, GO12, HSRG07, KBS15, MS13, MWR12, MWRD13, MYRD14, Na98, NMLH11, NM16, RKZ12, SD12, Wei06].
Filters
[APH+14, BJ10a, KS10, LLMZ16, PHK11].

final [GD04, REG+09]. Find
[CGM91, Day90]. Finding [SGSS08, VPR19, CZM+10, TSG+14, ZZCJ13]. Fine
[HSG13, KyKSHCO15, SDW+16, WZF+18].

Fine-grained
[HSG13, KyKSHCO15, WZF+18]. finger
[GWB05, JHS12]. Fingertips [VVC+15]. finished [MWAM05]. Finite
[BC14, SDG+19, BWHT07, CLSM15, GWAB19, ISF07, KTY09, KBT17, LdPS84].

Finite-Element [SDG+19, LdPS84]. fire
[CJ11, HG09, NJ02]. First
[KCS14, SC18a, RMB07]. first-order
[RMB07]. First-person [KCS14]. Fisher
[ST14]. fishes [SHU+16]. fisheye [RRC+16].

Fit [XZCOC12]. Fitting
[CG89, CS09, FB95, Pav83, WPL06, ZLB16b, FCOS05, Goso00, LCW+11, OBS04].

Five [Ano90b, CWW03]. Five-Axis
[CWW03]. Five-Year [Ano90b]. fixed
[WZ14]. flakes [PLMR17]. flames
[HFS07, LF02]. flapping
[JWL+13, WPKL17]. flare [HESL11]. Flash
[ED04, SLK06, ARNL05, KF09, MKD16, NLGK18, PSA+04, RTF+04].

flash-exposure [ARNL05]. flat
[EPM+14, GMB17, MPI+18]. flatland
[AR15]. Flattening
[SC18a, MZ12, SLMB05, SSC18]. Flesh
[SDK18]. Flexible
[GLL+16, GvdPvdS13, DML17, HDD+16, HST+14, MPBC16, MPI+18, OBSCS+12, PTC+15, STP12, WWB+19]. FlexISP
[HST+14]. FlexiStickers [TT09].

FlexMaps [MPI+18]. FlexMolds
[MPBC16]. Flight [GNHM15, GVNB18, KZSR16, ABW+17, CHWH17, HHHW15, JWL+13, KBW+13, MMM+17, NZV+11, SHH16, UKSI14, WPKL17, cWP03].

Floating [FG14]. Floral [IOO05]. Flow
[BSHK04, PLS+15, SS14, SDN18, VBBF16, WSL13, BWHT07, BLR+11, BHN07, CWW13b, CPS13, GGT17, IYAH17, KySK10, LADO8, LZF10, LPL+18, PCLC16, SAL+08, U818, XFCT18, YWS+11, ZQC+14, vW02]. Flow-based [BSHK04].

Flow-complex-based [SS14]. Flow-guided
[VBBS16, LPL+18]. Flower
[IYY114, IOO05]. flowing [NGL10].

FlowRep [GSV+17]. Flows
[HWZ+14, Sta03, YSB+15, Aca07, AIIH+08, ABO16, CT17, GPH+18, NF070, TWGT10, VBF+12]. Fluid
[CFZ17b, DLF12, GPB+19, HH16, KFCO06, MTP+18, MSQ+18, MTS04, ODA05, RLY+14, SDN18, ZIH+11, ANZ18, AIA+12, ABO16, BGOS06, BGFAO17, BBB07, BHW16, BB12, BHN07, BB10b, CMT04, CYY17a, DYN08, DKNY08, GPH+18, GNS+12, HLM+12, JFA+15, KTDJ08, Kim10, KD13b, LJS+15, LADO8, LMH+15, MYH+10, MCP+09, PTC+10, SKM10, TLK16, WST09, WTGT10, XFT18, XIAP+17, YCR+15, ZNT18, ZM13, ZBG15a, ZLB16a, ZB05, dGWH+15]. Fluid-Rigid
[GPB+19]. fluids
[APKG07, AAT13, Ang17, CKPS17, ETK+07, GBO04, GKH12, GITH14, HK05, LMAS16, MM13, NOS+19, PICT15, PTG12, QZG+19, RMSG+08, TLP06, YJL+16, YT13, ZB14, ZJ09, ZLFQ15]. Fluorescence
[LCD+19]. Fluorescent [HFI+08].

fluarterd [RAT06]. flux [ZHR13]. Fluxed
[SS17]. Fly [DNZ+17b, DNZ+17a, LYYB13, RTS+07, VSLD13, XDF+19]. Flycon
[NOP+18]. flying [WPL18]. Foam
[YSB+15, BDWR12, KLL+07]. foams
[DBWG15, IYAH17, MDM16, MSD17].

Focal
[MFL17, AWBG04, CKS18, PMOR10, XMS+14]. Focus
[DPW15, MWH+13, HSW15, KHKR11, LES10, NAB+15, MHT+03]. Focused
[OKH+16]. Foldabilizing [LAZ15].

Folded
[KMM17b, KMM17c]. Folding
[NPO13, KFC+08, ZS14]. Folds
[JHR+15, LSGV18]. Foldsketch [LSGV18].
force-sensing [RP09]. forces [BP08, BOFN18, TMOT12]. foreground [RK804]. foremost [STZ+16]. forests [LJS+15]. Form [TSG+14, BBG12, FXBH16, GSV+17, HR05, KH06, KG08, Nas87, UPSW16, WP09a].
four-view [ZCW+17]. Fourier [AMZ99, Ma93, Ng05, SHD+14, SSD+09a, SK13, WPC+14]. Fournier [Fin00].
Foveated [GFD+12, KJS+19, PSK+16, TAKW+19]. foveation [SHK+17]. Fractal [VR94].
Fractional [GCH+19, OKR10]. fracture [BDW13, CYFW14, HW15, HW16, MCK13, OHB02, WFL+19, ZJ10, ZBG15b].
fractioned [HFG+06]. fracturing [PKA+05]. Fragment [DCOY03, FBH+10]. Fragment-based [DCOY03]. Fragments [LI17a, BTFN+08, LH17b, MP07, TFB+10]. Frame [CK20, FF88, GBFP11, HZ82, JFH+15, PPTSH14, Wes88, CDP+14, HB89, HTWB11, HZH+16, HPK+17, JKT+15, LCORL07, RSL16, SFG+13, TDMS16, WHSL11, WWY+13, WGDE+19].
Frame-based [GBFP11]. Frame-to-frame [HZ82]. FrameFab [HZH+16]. Frames [LLK+19, BHB+11, CC19, WJZL08, YGM97]. Framework [GRS93, HHX+18, KK91, LR15, MHIU+19, AZB09, BGS17, BT19, BAGL19, BBB07, BLDA11, BZCC10, BM+18, BK04, DFL+15, GM05, GW819, GKS02, HJJ10, HST+14, HK10a, HMG03, HSK16, HMC11, HHH+02, JAM+10, JdJ14, JMM+14, JAG18, JSP17, KKN+14, KS98, Leh07, MMG06, MJBF02, PTO15, RH04, WWB+14, WSP18, YCL+17, YKC+16].
Frankencamera [AJD+10]. FrankenGAN [KGS+18]. Free [CTMS03, HWZ+14, KG08, NGL10, AZB09, BBG12, CMMK15, CCS+15, Cs619, DWW+18, FFB+09, FL16, FKN17, GSV+17, GKT13, GHZ18, HR05, HPP+18, HWBR14, KH06, LCOLTE07, LCB19, MWT18, Nas87, SLIL9, SoA11, SM10, SPG13, TB12, USI14, UPSW16, Wan18a, WG09, XRLF15, YCR+15].
free-flight [USI14]. Free-flowing [NGL10]. Free-form [KG08, BBG12, GSV+17, HR05, KH06, Nas87, UPSW16].
free-formed [USI14]. Free-viewpoint [CTMS03, CCS+15, HPP+18]. Freeform [DGH16, FSH11a, PSB+08, BK04, EKS+10, EC96, KOY17, LPL+17, LPL+18, NISA07, PLW+07, TISM16]. Frehand [HFL14, LZC11]. Frenet [HB89].
Frequency [BBS14a, ETH+09, EHDR11, HSRG07, RH02, AWL13, ADV+08, BDT+08, CTH+14, DHS+05, LHG+09, NGR06, NRH03, NRH04, OHI+14, SK02, TS06, WTL05, WTL06b, WRG+09, XCM+14].
frequency-domain [BDT+08]. fresco [BTFN+08, TFBW+10]. Friciton [MHNT15, BDCDA11, BFA02, CFW13, DBBD11, LCB+18, MTB+13]. fractional [KDDDT13, GHF+18, JGT17, KEP05, KSJP08, LDN+18]. friendly [SPJ+10, SSK+11]. from-region [LSCO03]. frothing [CPPK07]. Full [CK20, WZQ+18, Fre16, HHC+19, HW12, KE18, PRMG16, TMDK15, WZC12, ZSZ+14]. full-body
VZF+19, XW09, YWH13. Geodesics [CWW13b, SSK+05b, YXYH14]. Geometric [ACP+01, BG98, Boi74, BR94, BBGO11, CCK92, DB88, EM90, FH97, Gol84, Gol85a, KCŽO08, KMP07, LPW+06, MI87, NN90, PPV95, SPSH+17, TWBO03, TR08, TQ94, BLTD16, CPSS10, GCO06, GP08, Goli02, GJW14, HPS11, HB99, HZvK+15, HFG+06, IYAH17, JASR99, KOY+11, KGL16, LDPS4, LG+03a, LZ14, LJGH11, LJ019, MBF02, PCK+08, PKZ04, PM05, SAKZ06, SGP+15, SD9, THW+14, WFL+15, YNS19, ZHW+06].

Geometrically [VABW09]. Geometries [WDW+15]. Geometry [CCK92, CSBC+17a, FGN84, GH02, GXY+17a, LMS13, LH04, OHHD18, PK05, PLW+07, RVAL09, SRH+15, SGW18, SRB+19, TLG17a, WBPS19, WC90, Zhu18b, dGMM14, AMD02, AAM03, ABO16, BBR+10a, BW13, BBA+07, Bou18, BBD10b, CLSM15, CK11, CSBC+17b, DLCS08, DHO005, FKY+10, FV96, GVWT13, GF12, GMP+06, GXY+17b, HDA17, HLZ10, KV05, K18, KS04a, LAGP09, LC1LE07, MGP10, MGP06, Mit18, MMTD07, NDR05, PBS04, PKK03, PMW+08, PDZ+18, PGZ+19, RMBB+13, SR00, SSM15, TLG17b, TEG18, WYZG09, WGP+10, YSN+18, YHZ+14, ZGZJ16, dGDM16, WC91].

Geometry-aware [OHHD18, RVAL09, SRB+19, DLCS08, PGZ+19]. geometry-based [AAM03].

Geometry-guided [PK05].

geometry/impostor [DHO005].

Geopostors [DHO005]. Geostatistical [MK05].

Gestalt [NSX+11], gestural [GW09]. Gesture [LKT10, NKA08, BVS16, LGK+16, SN17, TFK+03, BVS16].

gestures [RTK+15]. gesturing [JHS12].

Get [Xu18]. Getting [Mc192]. Ghost [SB12, FKN17, GT13]. ghost-free

GFK17, GKT13. ghosting [SLV+13].

gigantic [CGG+04, IG03].

Gigapixel [HLSH18, KUD07].

Girth [XWC+16].

GJK [MPB17a, MPB17b].

GKS [DFM88].

Glare [RAWV08, TAHL07].

Glass [WGL+18].

Glasses [FKN17, SLV+13].

Glast [LSK+06].

Glints [YHJ+14].

Global [BYRN17a, BR07, C11, CSS96, CLS97, MZ12, PTSZ11, RVW+13, VMK00, WHS97, WSH+18, AFO05, BYRN17b, BAERD08, BLD11, BMR09, BCW17, CFB15, CNR08, DSDD07, DHH+10, DDP99, FLB16, GD04, ISS16, JSK12, JDL09, KFB10, LALD12, LXY+16, MA06, MZ13, MPZ14, NKR06, OHX+14, RLL+06, SL17, SFWG04, SKC+14, TL04, TMR14, TPWG02, VAZH+09, WWZ+09, WS99, YNW16, YSN17].

Global-to-local [WSS+18].

Globally [DNZ+17b, ISS17, KLS03, KCP13, ZLWH16, ZNZ+17a].

GlobFit [LWC+11].

Gloss [BOD+13, TDR+12, WAKB09].

Glossy [CSS96, CLS97, DHH+10, HKW09, IDN12, LKY12, SM06, WTL06b, WSM11].

glove [GWP+19, WP09b].

Glymph [XZ18].

Goal [YIC+14].

Goal-Based [YIC+14].

Gold [BGB+05].

good [BYMW13, LS07, PL14, YL18].

google [BBGO11].

GPU [ASA+09, BFGS03, BFK+16, CIKW15, CW17, DKHS14, GWW+18, GKB05, HR05, HG09, HZG08, HZG09, JCO09a, KK18, KB12, KPM16, KV03, LSK+16, LH16, LB06, NMLH11, NMLH14, NLMD12, RLL18, SF09, SP05, SKB+14, TWL+18, WWZ+09, WHY+13, WY16].

GPU-accelerated [CW17, KB12].

GPU-based [CIKW15, GKB05, HR05, TWL+18, WWZ+09, WHY+13].

GPU-decodable [KPM16].

GPU-efficient [NMLH11, NMLH14].

GPUs [BSC+16, BJH+04, CM14, FBB+10, KGB+09, SS0a, SKK+12, ZHZ+07, ZHR+09].

GrabCut [RKB04].

Gradient
MJC +03, MSW +09, MM06, MWM08, PBL04, RZL +10, SPJT10, SMH +18, SLF08, WYZG09, WQSO5, XMR +11, XWW +14, ZCW +17, ZWW +18, ZYWK08, ZRL +09.

hairs [CZZ14], hairstyle [HMLL15].

hairstyles [HML +14, PCK +08]. Halftone [CCLM13, KP18, PH15a]. halftoned [KL12]. Halftones [Knu87]. Halftoning [GRS93, PQW13]. halftone [CCLM13, KP18, PH15a].

hand-colored [DLKS18], hand-drawn [JSMH12, SKC +08], hand-held [DLKS18, IPB15, ZYQ +14]. hand-drawn [DLKS18]. hand-held [DLKS18, IPB15, ZYQ +14]. hand-object [ZBYX19], hand-tracking [WP09b].

handed [LKG +03b]. Handheld [WGDE +19, HWV +18]. Handle [AFTCO07, DLSCS08, She13].

Handle-aware [AFTCO07]. handles [YK14, YCHK15]. Handling [FG90, MCMK15, TWL +18]. Hands [TSLP14, DYY16, MDB +19, RTB17, SSB +15, SDO +04, TTT +17]. hands-on [DYY16].

Handwriting [HAB16, LZCX19, Zit13]. haptic [LSCS14, OL03]. Hardware [NKK +14, VKJ +17, AMN03, AMS03, AHAM15, AAM03, BKKL15, BFH +04, CBCGO2, DFMI3, FH11, HBD +14, HFD +16, HMG03, JP02, LB05, LSNC09, MGAK03, MCHAM06, NPP +11, NL13, PVL +05, PBMH02, WFF +07, ZHGW08, JLBM05].

hardware-accelerated [PVL +05]. harmful [SLS +16]. Harmonic [Ale19, BCW17, CAJ09, ESBC19, JMD +07, WSSK13, ZJ09, BCWG09, CW15, CCW16, LW16, NSF12, RWS +06, TFG +13, WR18].

Harmonics [BXH +18, MWM08]. harmonization [COSG +06, SJM10]. hashing [ASA +09, GLHL11, LH06b, NZIS13].

hatching [KNBH12]. Hausdorff [TLK09].

HDR [AFR +07, ASC +14, DGH16, DTPG12, EKD +17, GKT13, MKRH11, SKY +12, TKTS11]. HDR-VDP-2 [MKRH11]. head [FTZ +19, FRS19, Iza18, KBBBD17, LTO +15, SED16]. head-mounted [FBS09, KBBBD17, LTO +15].

Headon [TST +18]. Heads [LT06]. headshot [SPB +14].

Heat [SSC19b, CW113b, VBCG10]. Height [MLS +18, P99, Pag98, NSB13].

Height-Field [MLS +18]. held [CW12, IPB15, ZYQ +14]. helices [BAC +06]. Helmholz [YCR +15]. helper [MK16]. HelpingHand [LYFD12].

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

Hermite [AA09, B192, JLSW02, Pet89]. Hessian [BLdG +16, LLR +15, SJJ12].

Hessian-based [BLdG +16, SJJ12]. heterodyned [VRA +07]. heterogeneous [BBO +09, DWd +08, HLW +19, KHLN17, LMS16, MPG +16, PVM +06, STTP09, WZT +08a, XWCH15, XZM +14].

heuristic [XGC07]. heuristic-based [XGC07]. hex [FXBH16, GJTP17, GPW +17, LLX +12, LSCT15]. hex-dominant [GJTP17].

hex-mesh [LSCT15]. Hexahedral [GDC15, SRUL16, SRUL17, LZC +18, LBK16].

Hexahedral-Dominant [SRUL16, SRUL17]. hexahedrizations [VPR19]. hexahedron [VPR18]. HexEx [LKB16]. Hidden [And82, SO92, HZ82, KK82, MC87]. hidden-surface [MC87].

hidden-dominant [MC87]. Hierarchical [FB95, HB +06, KT03, SCA02, TH19, XSTN14, YHB05, dPF95, BCRK +10, DF88, DDP09, JB02, LTO +08, OD04, PBYY17, SPO10, Sze06, VD999, YWW13].
higher-dimensional [BJ17].

Highlight [TDR+12, RRMG10].

Highlighted [KHKR11].

Highlighting [BDG15].

Highly [ATW13, ZB94, HRE+08, IDN12, LYvdPG12, SJLP11].

hinting [Sha03].

histogram [BPC16, DMB+14, KS10].

histories [SSTP15].

history [HXM+13].

HLBVH [VKJ+17].

HMDs [OLSL16].

Hodge [MMdGD11].

Hodge-optimized [MMdGD11].

holes [BW13].

holey [BW13].

holodeck [WS99].

Holographic [JBL18, MGK17, OKH+16, LJM+16, SHL+17, TDG18].

holography [PDSH17, RRMG10].

holonomy [BCW17].

home [KDW+17, KPB+12, YYT+11].

Homogeneous [Kan15, FAW19, HJ11b, KSSCO08, TWL+14].

Homomorphic [LK02].

Hookean [SDK18].

HOT [MMdGD11].

HSV [SCB87].

huge [BGB+05, GM05].

Hull [Day90].

hulls [MPN+02].

Human [DKD+17a, GRG04, HL14, HXZ+19, Hi186, KH17a, LZX+19, SLST14, TSLP14, XZC+18, AHM+15, ACP03, ACOYL08, CTMS03, CTTL15, CYT+18, Dee05, DWd+08, DK99, DKD+17b, FKI+14, FP03, GSCO12, HRZ+13, HPP05, HKA+18, JWDL19, KE18, KWK09, KCGF14, KPM+17, KLF+19, KH17b, LCR+02, LPLL19, LCX16, MJC+03, MSS+17, MCC09, MWTK13, NOP+18, NZC+18, PRWH+18, PH06, PMRMB15, RPE+05, RSH+05a, SHP04, SZK15, SKL07, SGdA+10, SDO+04, TZH+18, TMB14, Van06, VPB+18, WC10, WMC11, WMP+06, WL16, XWCH15, XLS+11, YKH04, YIO+15, YM16, ZZMC13, ZFL+10, dSAP08].

human-assisted [YIO+15].

human-centric [KCGF14].

Human-Computer [Hil86].

humanoid [NRH17].

humanoids [HRL15, LPKL14].

humans [EHA12, JTST10, KE18, MBB12].

Hybrid [EC93, HTCH15, Kla94, MSQ+18, NN95, OTS06, Rap91, VR94, YSC+18, DBDB11].
Image-Based
[BBPA15, BNB13, KRFB06, KLS+13, LKG+03a, LCL+17, MPN+02, MZWV07, QTZ+06, SKG+12, TZW+07,OTOS3, VRK05, XFT+08, XFZ+09, YTS+11, BKR17, CWW+16, CDSHD13, DCP14a, HRDB16, HPP+18, HLR+17, HMG03, LWA+12, NFDO7, SSH+04, VRC+13, VT04, VBFG12, VBBF16, WFP12, XSHR18, ZCW+17].

Image-driven [LT00]. Image-guided [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, LR90, SB95, SS19, SCB88, TLG17a, WS17a, ZLW+16, AM10, BBS14b, Bou1, BPDo9, CAA09, CWW+13a, CW21C, CLQW08, CZG+11, CHM+10, DS+12, DER+10, DTPG12, DD02b, FKY+10, GLD+19, GGH02, GSLM+08, HCS13, HCE03, HC04, HDO7, HZZ11, IKCM13, JMCK10, KE18, KH08, KRSH10, KP18, KUC07, LBP+12, LAS05, LSQ+15, LY+14, LSS+19, MCL+09, MPK09, MBBN07, NFL12, ODAO15, OTS06, OBW+08, OG15, PBS04, RFFS02, SD1N18, STZ+16, STXJ15, TLG17b, TEG18, TID16, TAH+04, THG99, TT09, WWOH08, WSH+16, WAM02, WS17b, XLX+16, XBS+19, ZCC+12, ZFL+10, ZTF+18, LR91].

ImageSpirit [CZL+14]. Imageworks
[KCSG18]. Imaging
[DMZ+17, GNHM15, GVNB18, HOZ+19, KZSR16, LDC+19, ABW+17, BGK16, BKGK17, CHWH17, Fre16, GKH12, HSG+16, HRH+13, HHGH13, HHHW15, IGP+17, ITM+14, JBY+19, KR17, Kan15, KRD+12, KN06, Lee18, LCV+04, LLWD14, LOW18, LWO19, MKR+13, MHM+17, NZV+11, Par17, PKHK15, PH15b, RTF+04, RRF17, SHHW16, SDP+18, SRL+15, TAH07, WZK+17, WMB19, WJY+05, WW13, XIAP+17, ZJMB11]. Imagining
[SMZ+14]. iMapper [MGC+19]. Immersion [LB18, HFI+08]. Immersive
[GWN+03, HCW15, LNBW03]. Impact
[KLF+19, KVY+12, SN17, VSK+17, WSJP17]. Impactful [KLF+19].

Imperceptible
[KOOP11, LSL+18, MWW+09]. Imperfect
[RGK+08, SPGT18]. Implementation
[Day90, Mail92, KW03]. Implemented
[LS00]. Implicit [BIW93, BGI+18, BRB+19, DSDD07, KSNG17, PG+19, RoC89, Tau94, VBG+13, ATW+17, CH89, DBD16, FLG19, GMP09, GBC+13, HCJ19, LT09, LDM+18, MAss15, OB04, PICT15, PV06, SSS11, SO04, SS11, TO02, WG09, YY12b].

Implicitization [Hob91]. Implicitizing
[SG17]. implicit [OBA+03]. Importance
[CSS96, MMR+19, SLG01, ARB03, CIAM05, GKH+13, KVG+19, LRR+04, OD04]. Importance-Based [SLG01]. imposed [Fat07]. impossible [WFY+10].
impostor [DOO05]. Improper [ACC90]. Improve
[MGDA+15, VMK00]. Improved
[LR90, LR91, MRK+14, RSA08, WHG84, CJZ12, DTR+12, WSJP17].

Improvements [DKH14]. improves
[CS+17]. Improving
[DDD+14, MBP17a, MBP17b, Per02, WLM+15, WX09, ZF03, SVB+12, XAD12].

IMUs [KLF+19]. in-volume [HJ11b]. inaccessible [YS+14]. Incident
[HWZ+20, MPD03]. Include [RT90].

Incomplete [TZO09, YHZ+14].

Incompressible [BGI+18, AIA+12, LZF10, SAL+08, SP09, WHK17, dGW+15]. inconsistent
[DSB+12, KOF+13, OF12].

Incorporating [LNBW03]. Incremental
[Fin95, RY92, MZ12, TWL+18, WM03, WSS18]. Incrementor [Res87].

Independent [PBC93, AMM08, EML+18, LB05, NOP+18, SXD+12, YM16].

Index [Ano95a, Ano90b, Ano92a, Ano93, Ano94, Ano95, Ano96]. Indexing
[ZWK14].

indirect
industrialization [YI17]. Indoor [ZXTZ15, CLW+14, CXY+15, FCW+17, GSY+17, KMYG12, MLZ+16, MDKD16, NXS12, SXZ+12, WSCR18, WLW+19, XZY+17, ZCC16, LPX+19]. induced [CSvR18, FXBH16, KBC+13, LSL+18].

integration [YLW18]. inertia [BWBH14].

Inference [JKSH13]. Infinitesimal [GMP16].

Inferring [RO15, AR15]. Inertial [HKA+18, JKZS10]. Inexact [LSSF06, MDB+19].

Inflect [KMOD09, YIC+10]. injective [LO05, OCH+16]. influence [VLD+07].

Information [BN02, ADA+04, AAPS16, AAPS17, AVB08, AM02, ACSM12, AF02, BAS14, BIP01, BSG12, BBO91, BCC17, BST+14, BR94, CRS+16, CGC+02, CKS+17, CEW+09, CAR+09, CK11, DLT+15, GWP+19, GLY+03, GJK+05, GDG+17, HR13, HSTP11, HSBP12, IDN12, KBD07, KW11, KN02, KSL14, LWS+18, LCR+02, LLL18, LRA+07, LFZ15, LWW08, LFUS06, MTN+15, MSL+11, MCC09, NGDA+16, Ols88, PHT+13, PKZ04, PJH+17, RW94, RRS13, RZL+10, ROT09, RTD+10, Ros94, SM17a, SM17b, SGW06, SXZ+17, SWC+18, SWL11, SLS+07, SSS+08, SCGT15, SSJ+11, SZC+07, SZZ+08, TLK09, TK14, TBWP16, TDM11, TQ04, TPWG02, VVC+15, VABW09, WBC+05, WSTS08, WS17a, WS17b, XMR+11, XLCB15, XLX+16, YMRD15, YKGA17a, YKGA17b, ZB13, ZCC+12, dSAP08, AR15, BCT15, BWG03, BBPP10, BAERD08, BDI+02, BGB+05, CK14b, CZZ14, CTW09, COS19, DSSD07, DPK11]. interactive

Intensifying [ZBYX19].

Integration [OF01, Özt16, AKJ08, BJ05, DNZ+17a, HZ13, PSC+15, SK13].

integrator [KSNG17, LGL+19, MLT17].

Integrators [DLK18, BOFN18, KCD09, MSW14, MCF+09]. Intelligently [LNLB16]. intended [LRS18]. intensity [ME05].

Inter [SAPH04, MCK+17, YS08]. inter-scale [YS08]. Inter-surface [SAPH04, MCK+17]. interacting [LSSF06, DMB+19, RBV+04, TTT+17].

Interaction [HI98, HZK+15, KP06, Ols86, PKH+17a, SB93, SKSY08, ZWK14, CB04, FKI+14, GW05, HGRT04, HLR09, HMT+15, MWH+09, MGC+19, PL+16, PKH+17b, SCH+16, TEO16].

interaction-aware [PL+16]. interaction-guided [MGC+19].

InteractionFusion [ZBYX19].

Interactions [PM18, BDWR12, CWS013, FMB+17, FGBZ18, HMO12, HVK+16, KPH18, WLO+14, ZBYX19].

Information [BN02, ADA+04, AAPS16, AAPS17, AVB08, AM02, ACSM12, AF02, BAS14, BIP01, BSG12, BBO91, BCC17, BST+14, BR94, CRS+16, CGC+02, CKS+17, CEW+09, CAR+09, CK11, DLT+15, GWP+19, GLY+03, GJK+05, GDG+17, HR13, HSTP11, HSBP12, IDN12, KBD07, KW11, KN02, KSL14, LWS+18, LCR+02, LLL18, LRA+07, LFZ15, LWW08, LFUS06, MTN+15, MSL+11, MCC09, NGDA+16, Ols88, PHT+13, PKZ04, PJH+17, RW94, RRS13, RZL+10, ROT09, RTD+10, Ros94, SM17a, SM17b, SGW06, SXZ+17, SWC+18, SWL11, SLS+07, SSS+08, SCGT15, SSJ+11, SZC+07, SZZ+08, TLK09, TK14, TBWP16, TDM11, TQ04, TPWG02, VVC+15, VABW09, WBC+05, WSTS08, WS17a, WS17b, XMR+11, XLCB15, XLX+16, YMRD15, YKGA17a, YKGA17b, ZB13, ZCC+12, dSAP08, AR15, BCT15, BWG03, BBPP10, BAERD08, BDI+02, BGB+05, CK14b, CZZ14, CTW09, COS19, DSSD07, DPK11]. interactive

Inter [SAPH04, MCK+17]. Inertial [HKA+18, JKZS10]. Inexact [LSSF06, MDB+19].

Integrals [SBN15, NRH04, SR09]. Integrated [BDI+02]. Integrating [BZP18].

Integrals [SBN15, NRH04, SR09]. Integrated [BDI+02]. Integrating [BZP18].
[DE05, DTPG11, DPF03, EVC^+15, FNvD82, GM05, HZW^+13, HHH^+02, IIM12, IOOI05, JYL09, JP03, JF03, JX96, JMY^+07, JRT^+15, KTL^+04, KYC^+17, LWB^+10, LACS08, MTP^+15, MWR12, MWRD13, MCS15, MI07, NA^+18, NSZ^+10, NHAH03, OHH^+11, PMOR10, PPZ^+11, PTG02, PSK^+12, RKK^+07, RMDO4, RKB04, SMM14, SXZ^+12, SLH^+17, SLD17, SSY^+04, SSII18b, SPGI13, TLW^+18, TBC^+16, UBW99, UKIG11, UKSI14, UPSW16, UB18, VGB^+14, WTL05, WAC07, WWZ^+09, WSZ^+14, WS99, WTBS07b, WDR11, Wym05, YJL^+16, YMR^+13, YHZ^+14, ZG04, ZHR^+09, ZLE14, ZPKG02, vdHDT^+07, LCXS09].

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

Interception [YLNP12]. Interchange [KP92]. Interchangeable [DYY16].

Intercluster [Xia97]. interest [ZK13].

Interface [BL18, Fol86a, Fol86b, Fol86c, HCS6, Hud94, RvE93, RO94, BJS^+08, DK99, FH04b, GCR13, HK10a, IWZLO9, KP09, KP10, MB12, NSAC005, Ols84, PTG02, Pel10, TBvdP04]. Interfaces [Bar86, BD86, Jac86, SG91, Ano03, LRNF04, SH08].

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

Interference-aware [HPSZ11].

Interferometry [GLDZ15]. Interior [MSL^+11]. interleaved [JGGN15].

Interleaving [TWAD09]. Interlinked [GPB^+19]. Interlocking [FSY^+15, SCGT15, SFC012, SFJ^+17, WSP18].

Internal [MTB^+13, ONI04]. Internet [CCT^+09, CZG^+11, HZZ11, MBGS15, STZ^+16].

Interplay [CMT04]. interpolants [BDT99].

Interpolate [TO02]. interpolated [SH07].

Interpolating [FG90, SOS04, LYLL08, RP09].

Interpolation [BI92, BIW93, BF01, CK20, DLG90, Fie85, Fol87, JW15, Pet89, RY92, SDN18, VTSSH15, WX91, BT19, BvdPPh11, CKWBC13, CCW16, Csc19, FZL^+15, GTJS17, GAF^+10, MHM^+09, Mal89, MK05, PR97a, RSM10b, SV19, VV97, VBB05, WG10, YSW^+17, ZPBK17, ZKU^+04].

Interpolations [Thu17a, Thu17b].

Interpolatory [AA09, DM13, ZM11].

Interpretation [CKX^+08]. Interpreting [SLZ^+13].

Interreflections [CRA11, DDTPI5, XCM^+14].

Intersecting [CCW93, KS95, MD94, LB18].

Intersection [ACC90, CGM91, KM97, MTS89, Mil87, NY94, NPP^+11, SHH99, VMT06, WFP12, Bak94].

Intersections [FNO89, 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, LBP^+12, MZRT16, ROA^+13, SSC19a, TBW^+12, XZT^+09, XZJ^+12].

Introduction [BG89b, BG89a, BG90, Ber82a, Ber82b, Fol86a, Fol86b, Fol86c, FGN84, FR87, Fuc82, Pha18, Ros94, Tan83].

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

Invariant [NY94, BHR13, BBOG11, CGZ08, KPM^+17, LSC^+08, LSLC005, MTP12, MWTK13, PR97a].

Invasive [NHAH03].

Inverse [BJNJ18, DSP06, DJBDT13, GDAB^+17a, GZB^+13, HMLB16, HX^+13, LJ14, LBAD^+06, LCBD^+18, VGDA^+12, WHZ^+08, WDR13, WYD^+14, ZB94, BWS10, CZXZ14, DJBDT10, DIO^+12, GLD^+19, GDAB^+17b, GP08, GITH14, GMHP04, KE18, LP10, LHP05, LCX16, SZT^+07, SZGP05, WPP14].

Inverse-Foley [LJ14]. InverseCSG [DIP^+18].

Inversion [FL16, KDI19].

Inversion-free [FL16]. Inversion-safety [KDI19].

Inverted [KH17a, KH17b].

Invertible [AXR09, XLW18]. Investigating [MBB12].

Investigation [BS90]. iridal [POB09]. iridescence [BB17, WVJH17].

iridescences [Sun06]. irradiance
irregular

irregularity [WLM+15], irregularly

Islamic [KS04a]. Islands [HA92].

iso [VGB+14], iso-surface [VGB+14].

isocurve [EC96]. isocurve-based [EC96].

isolines [AFTCO07]. Isometric [Sah18].

isometry [TMRL14]. Isosurface

[LS07, VW94, VW95, WV92]. isosurfaces

Isotetic [LDS03, WHDS04]. Isotropic

[BSN16, MHS+19a, SDK19, SBN15, TWAD09, WOR10]. Issue

[BG89b, Fol86a, Fol86b, Fol86c, FGN84, Pha18, Ros94, Sto92]. iterated [RKB04].

Iterative [CK20, HL14, LKE18, DBDB11, HP03].

Iterative [PJ13, JDD03, Wan15]. IV

[AB89].

iWIRES [GSMCO09].

Jagged [Nai98]. JALI [ELFS16]. jaw

[ZBBB18, ZBGB19]. jewelry [ILB15].

Jigsaw [KP02]. jitter [TVB12]. jitter-free

[TVB12]. Jockey

[YPGA17a, CPMS14, YKGA17b]. Joint

[DSAF+13, GHK+13, HKG11, KCLU07, LSQ+15, TWLT19, XWY+09, GCPD16, HWK15, HOM15, ISSI16, JWDL19, KAL+17, LKK+18, TBC+16]. Joint-aware

[XWY+09]. joints [LT08, SZ15]. Judder

[CA19]. Jump

[BJN18, ZG04, YY+12a, AGB+16].

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

K-D [XLJ+09]. kaleidoscope [HP03]. KD

[AGDL09, ZHGW08]. KD-tree [ZHGW08].

KD-trees [AGDL09]. kelvinlets

[DJ17, DJ18a]. Kernel [BVM+17, SBN15, WDT+09, Fat11, FKY08, GLA+19, LSR18, LDF14, SJF05, VRM+18, WWB+14].

Kernel-predicting [BVM+17].

kernel-splatting [GLA+19]. kernels

[ASL+17, CMT+16, FSH+11b, VBCG10, YT13]. Key [MA07]. Keyframe

[AHSS04, TMPS03]. Keyframe-based

[AHSS04]. Keying [AAPS16, AAPS17].

Kinematics

[HMLB16, ZB94, BCT15, DSP06, GMHP04, SZT+07, SZG05, ZSZ+14]. kinetic

[KXCB18]. Kirchhoff

[BJ05, KTY09, POT17]. Kirchhoff-plateau

[PO17]. KleinPAT [WJ19]. knit [JGT17].

Knittable [WSY19]. knitted

[KJM08, YKJM12]. Knitting

[NAH+18, MAN+16, NWYM19]. Knot

[Joe90a, SYSP16, Joe89]. Knowledge

[XGC07, MYWI15]. Kontrol [Ols86].

KRISM [SS19]. Krylov [SS19].

LAB [SCB87]. Laban

[DKD+17a, DDK+17b]. Label

[CMS95, LSA+16, RMBB+13, WZF+18].

label-map [LSA+16]. Labeling

[GZC15, ST16, VVC+16, HFL14, KHS10, YGH+17]. labelled [HZZC17]. labels [HWW+18]. laboratory [ZJ18].

laden [GPH+18]. Lagrangian

[BGOS06, BvPPH11, CWSO13, FLLP13, KDW+17, PTG12, WPLS18, YCZ11].

lamps [RBvB+04]. Lampshades [ZLW+16].

landing [ATM+17, HYL12]. landmark

[YNS19]. landscape [BLDA11].

Landscape

[PKH+17a, CGG+17, PCH+17]. Language

[DMZ+17, Jac86, KKKR+16, MPF+18, Van82, ALDD17, GSDH18, HFL14, LTTK09, MGAK03]. Language-driven [MPF+18].

Languages [BK16, YPB16]. Laplacian

[APH+14, CSK18, DLF12, JCC09a, KFS13, LSR18, PHK11, ZHS+05]. Laplacians

[AW11, FW12]. Lapped [TOI08]. lapse

[BM07, KCS14, LEN09, MBGB15, SMPPR07, TDSG15]. Large

[GN+12, KABL15, LZXN19, SM17a, SJJ11, ZHS+05, BZ11, BWHT07, BZL+15, CB04, DFZ+17, EDF+16, FAW19, GB13, HSG13, HWW14, HMM19, IGLF06, JP03, KH08, KFWM17, KLM+13, KSKL14, KPKZ17, KG04, LGL+19, MRA+13, MRA+13].
OAH11, PRFS18, RNGF03, SMM14, SM17b, SWL11, SDW+16, SZLG10, WFDH18, WJv+05, YMR+13. Large-deformation [BZ11]. Large-Scale [LZC19, GNS+12, KABL15, SJLP11, DFZ+17, FAW19, GB13, HJM19, JP03, KFWM17, KSKL14, KPZK17, PRFS18, SWL11, WFDH18].


Laughing [DZS08]. Laugh [DZS08]. Laugh [Ros20]. Legs [KHFH11, RTS+07]. Legacy [ZCR+16].


Level [Aca07, CH14, ECBK14, MBW02, Van82, YCL+15, BHY15, CIW15, CLM014, DE05, FKY+10, HFTF15, HBD+14, HNB+06, KJM08, Kim10, KCSC10, LRT+14, LWS+18, Lee18, LWS02, MASS15, NNSM07, OBA+03, RSH05b, SLW14, YKJM12].

Level-of-detail [ECBK14, FKY+10, HFTF15].


LiDaR [LGZ+13]. Lie [BT19, Duf17b, Duf17a, KCD09]. Life [AEK012, TMB14]. Lifetime [LCD+19].

Lifted [APL14]. Light [BBS14a, BSB16, BJN18, CBCG02, CNR08, DPW15, DKS14, DJ05, GKS12, HSH10, HMP+08, Kla87, LNA+06, LLR+15, LR15, MJIC+03, MMY18, MMY19, OF01, PRM14, SH+14, VMCS15, VP+09a, WZK+17, YSHWS16, BHR13, BMD09, BSB17, BJ17, CDP+14, DHS+05, EHD11, FAR07, Fat09b,
light-driven [BDM09], light-field [MRK+13], lightcuts [WABG06, WKB12, WFA+05]. Lighting [HZW12, NBB04, PBMF07, SW14, SWZ06, SHS+18, SSO0, YY17, BAOR06, BBPD12, BPB13, CPWAPO8, DWT+02, DCP+14b, GGN18, KP09, KAMJ05, LK02, LYL+16, MWRD13, NRHO3, NJS+11, RKK5+07, RMB07, RNd+07, RZL+10, SHS+17, SKS02, VVB+12, WSM11, XMR+11]. Lights [OKH+16, DKH+10, HKWB09, HWJ+15, KWN+17, NNDJ12, OP11, WHY+13, WR18]. LightSlice [OP11], lightspeed [RKK5+07]. Lightweight [BBGB16, UMKV17, VVB+12]. light [VKS+14, VK16, WDT+09, WLM+15, WLHR11, WLHR12, ZWS02]. light-driven [BDM09], light-field [MRK+13], lightcuts [WABG06, WKB12, WFA+05]. Lighting [HZW12, NBB04, PBMF07, SW14, SWZ06, SHS+18, SSO0, YY17, BAOR06, BBPD12, BPB13, CPWAPO8, DWT+02, DCP+14b, GGN18, KP09, KAMJ05, LK02, LYL+16, MWRD13, NRHO3, NJS+11, RKK5+07, RMB07, RNd+07, RZL+10, SHS+17, SKS02, VVB+12, WSM11, XMR+11]. Lights [OKH+16, DKH+10, HKWB09, HWJ+15, KWN+17, NNDJ12, OP11, WHY+13, WR18]. LightSlice [OP11], lightspeed [RKK5+07]. Lightweight [BBGB16, UMKV17, VVB+12]. like [DSG+12, HZI11, KLY+14, MGAK03]. Lillicon [BL15]. limits [MWTK13], limit [TSL+16]. Limited [DBP+15], limiting [WOR10]. Limits [BAU15, WP06]. Linde [DSZ17]. Line [And82, BS19, BKR+05, KYYL08, LMLH07, LB84, RWV90, SLG10, SZG+13, VA88, BGAM12, CSD+09, FLB16, FZLM11, GTDS10, GRC13, GRT13, HOZ+19, IH20, JDA07, KNS+09, KLKL13, KSS17, LWO19, NHS+13, PSBM07, SPR82, VKS+14]. Line-art [KYYL08]. line-drawing [Spr82]. Linear [Ale02, BSB16, DPW15, DMZ+17, DLTW90, DHI+13, Fie85, GTH03, HGM14, KW03, LS00, SLDC05, Mny91, NON85, OF01, RNY2, WJBK15, WS85, dSDF09, BBO91, BBO+09, BSZ1, CDP+14, CS09, DCP14a, FLB17, HSB+12, HDA17, HKS11, LMR+15, MNG06, MGYM15, MHR+16, NRH03, PLY+16, SSS02, TDM11, WHS07, WB08]. linearization [KJ10]. linearly [HDDN16]. Lines [Bak94, CH14, Fat14, MST97, YJS+18, CGL+08, FTP03, KKS7, LLI17, OBS04]. LineUp [YYL+19]. linkage [BCT15, TCG+14]. linkage-based [TCS+14]. LinkEdit [BCT15]. lip [ELFS16, SSK17]. lips [GZW+16]. Liquid [BHW13, Thu17a, ATW13, ATW15, BDWR12, CWPO13, FMB+17, FBGZ18, KTT13, MBT+15, NB11, PHT+13, Thu17b, UHT17, WDL+09]. liquid-fabric [FBGZ18]. liquid-hair [FMB+17]. liquids [AGL+17, CWS013, CTPK07, DHB+16, GB13, KS09, LBB17a, LSSF06, MYH+10, RWTT14]. List [TOP03]. listen [EMI+18]. lists [CSN+12]. Live [MRT16, DWT+02, KIMW17]. live-action [DWT+02]. live-streaming [KDMW17]. LiveCap [HZX+19]. lization [MPK9]. Lloyd [BSO09]. lobes [LPC+11]. Local [APH+14, BB83, BBS14b, GSV+14, HKC+18, KAL14, MP09a, MSOC+19, MCY14, PHK11, Pett89, SLO5, WGS+18, ZDL+14, ASC+14, CSH13, CH179, Col07, DKH+10, DMI15, FF11, FLG14, GGY18, HZ13, ISS16, KS10, KAMJ05, LFS06, MHR+16, RZK12, SCF+04, SL17, SSD09b, TMRL14, VMG15, WHS07, WSH+18, WRK+10, WBG16, YSW+17, ZSW+10]. locality [SNB07]. Localized [HDA17, BWSS09, NWV+13, PHT+13]. Locally [BSB16, Pot91, RPPSH17a, SW18, Szo06, TIA10, WZ14, BSB17, CW17, FLG15, ISS17, MSB07, RPPSH17b, YYW+12a].
many-core [SCS+08]. many-light
[HPB07, HKWB09]. many-lights
[HWJ+15, OP11, WHY+13], many-muscle
[LPKL14]. Many-worlds [TJ07].
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,
ASC+14, BKR17, CS00, CBCG02, DHI+13,
EMU15, EKM17, GP09, HOJ08, HJ09,
HSST10, KD13a, KISS15, KS11,
KJDL09, KO11, MGC+19, MM06, NL13,
PSNB13, POC05, PTH+17, QZG+19, RTH04,
SHHD17, SD02, SGT+15, SCA02, SXD+12,
TT09, WWT+03, YZWH12, ZMT05].
Mappings
[BJNJ18, DFYL19, RPPS17a, AL13,
APL14, APL15, CW15, DFZ+17, FLG15,
FL16, KSS06, KAB15, PL14, RPPS17b].
Maps
[ESBC19, HJS+14, RLU95, Ros20, Shn92,
THCM04, ARBJ03, BCWG09, BCF+13,
CSZ16, CZ17, CKPS17, DK09, FFL10,
Fat09b, FG11, GAS08, HSB+12, HZG+12,
HLW+19, JSP17, KLF11, KAB+10, KSG03,
LS007, LPRM02, LGQ+08, MJC+08,
McC00, NG18, OBCS+12, PRP+15, PBJF07,
RPW08, RGK+08, RCOL09, SCH+14,
SGW06, SCH03, SD02, Tar16, TWB03,
WSJP17, WDB+08, WG10, vW09].
marching [ZRL+08]. marionettes
[BPBC19]. marker
[HLW+18, RRC+16, SNF05]. marker-based
[HLW+18]. marker-less [RRC+16].
Markerless [BPS+08, MW18, ZGB19].
markers [HMT+15, LMB14, RN+07].
Markov
[CNX+08, Gol84, Gol85a, JMI12, OKH+17].
Markovian [GRS93]. mask
[FZL+15, VRA+07]. Masked [AHAM15].
masking [LCD06, RSI+08]. masonry
[PSBH13, WOD09, WSW+12, dGAOD13].
Mass
[SHS+18, TBV12, TF+18, BvdPPH11,
KGS+18, LBO13, SL08, SHS+17].
mass-spring [LBO13]. masses [AMS03].
massive [PFHA10, SJJ+11]. Massively
[GLdFN14, KS95]. Massively-parallel
[GLdFN14]. Mastering [SLII18a]. masters
[BLC02]. MAT [LWS+15]. match
[PS17]. matched [LS07]. Matching
[BBB+93, BB10, KS+15, LYP+14,
MOR+18, BTFN+08, DML17, GC06,
HFG+06, KFR04, MHTG05, RJ07, ST04,
STZ+16, SMGE11, TFB+10, WLL+14,
WY04]. Matchmaker [KSG03]. Material
[BBPA15, JTRS12, KPWP17, LL11,
XLCB15, YSB+15, CRA11, CLSM15,
CYX+15, CPW08, DD16, DTPG11,
DJ18a, FLGJ19, GTJS17, GW18,
GZB+13, GHF+18, HFG+18, KP10,
KRF06, Kim18, KFB10, LMS+19,
LBAD+06, LHdG+14, MIW16, MW18,
SGM+16, SARW+15, SSC+13, VLD07,
VWRK13, WFL+19, WDR11, WDR13,
XSZB15, YCL+17, ZAZ+15, AFM11].
Material-minimizing [KPWP17].
Materials
[BAU15, HM92, LBK17a, RT90, AWL15,
ATDP11, Bebl8, BO+10, DI11, DBD16,
DJ05, GTJS17, HFM+10, HR13, IDN12,
JAM+10, JdJM14, JAG18, JB02, KMOD09,
KCD+16, LBK17b, LMBP+13, MGG11,
MPH+15, NGL10, PRL+13, PRFS18, PL07,
RGB16, SMCT18, SSJ+14, Ter18, TWL+05,
WTL+06a, WZT+08a, WZB17].
mathematical [LZ04]. MathPad [LZ04].
Matrices
[GD05a, YCP16, KFS13, WWS+17].
Matrix [HPB07, BFS03, HWJ+15,
HWH+16, OP11]. matte [BCN08].
Matting [YTBB11, CAC+02, CGC+03,
JMA06, LL11, JMP+05, SJTS04, SLK06,
maximal
[EDP+11, YW13]. maximization [ZXJ+13].
maximum [ME05, Xia97, YSW+17]. maze
[XK07]. MCMC [YYW+12a]. MDE
[LXY+16]. me [MBB12, YRPF09]. Mean
[HF06, JSW05, TMB18, LJJ13a, PCL+12].
means [ABJN85, RKZ12, Zit13]. measure
[GAGH14, GvdBL+12, LMS+19]. Measured
[DWMG15, ATDP11, PL07, STPP09, SJJ18]. Measurement
[DDTP15, BBG01, JKZS10, WOR11, WMP+06, YTR15].
Measurement-based [DDTP15, WMP+06]. measurements
[CHM+12, HKA+18]. measures [MIW02]. Measuring [HP03,
MWAM05, KRD+12, PRWH+18, PPZ+11]. Mechanical
[SMCT18, CLM+13, CTN+13, KLY+14, MSS+19, MYY+10, XBZN19,
ZKBT17, ZXS+12]. mechanics
[AVGT12, HVS+09]. mechanism [XL+16]. mechanisms
[HFF18, MZB+17, ZAC+17]. media [BAGL19, BRM+18, Fat09b, FCJ07,
GCH+19, HED05, HWH+16, JDJZ08, LBFD13, MPP+16, NGD+06, NNDJ12,
NSJ14, RSA09, WZH09, YIC+10, YSC+18, ZWRD16]. Medial
[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 [Ols86]. merge
[WGTG09]. MergeTree [VKJ+17].
merging [DP13, FBH+10, GKDS12]. Mesh
[ACP+01, BYG96, Er18, GZC15, HS13,
JTCW07, LV05, SK16, SHT+07, SLMR14,
SZGP05, TGBE16, ULP+15, WLT16,
YZX+04, YKH10, ZHW+06, ZGZJ16,
ACXG09, ATC+08, ACBCO17, BAS14,
BCG05, CGF09, CPMS14, DBG14, DSSC08,
DLPK11, DTP15, EBCK13, FDCO03,
GDC15, GJTP17, GPCP13, GSFD+14,
GF08, HSL+06, JT05, JDD03, KHS10,
KT03, KG05, KZB15, LHM09, LDS+16,
LD14, LDP84, LXW+11, LFJG17, LSVT15,
LBK16, MBF04, NSAC05, NGH04, PK05,
SNCH08, SHD+18, SYBF06, TFP+11,
TWGT10, TWAD09, VMW15, VBMP08,
WZHB09, Wam16, XZY+07, YLH18,
YLPM05, ZZWC12, ZJ12, ZHS+05].
Mesh-Based
[Erl18, SZGP05, DBG14, TWGT10].
MeshCNN [HHF+19]. Meshed
[CH02, Wil92]. Meshes
[BSTY15, ERT14, LS00, NAH+18, Sar00,
TGBE16, WSY19, YCP16, AW11, ATW13,
AFSR03, BBJP12, BC18, CSPF12, CS09,
CWSO13, DM13, DP13, EB14, EPD09,
FOK05, FYK+10, FSK04, GGS03, GLLR11,
HV04, HA18, IG03, JTPSH15, JSW05,
KFCO06, LS07, LJKW10, LSLCO05, Lip12,
LPW+06, LXFH15, LXY+16, MS04,
MCKM15, MPKZ10, OBS04, PRP+15,
PKZK11, PPW18, PTC+15, PKC+16,
PKC+17, SPGT18, SB09, SP08, SSW+13,
SGC18, SP04, SLWS07, SSK+05b, SKC+14,
TPSHSH13, TMY+11, TSG+14, TLJIP18,
TPT16, VMW17, W03, WGT09,
WPGM16, YYPM11, YK09, YKJM12,
ZBG15b, TGB13]. MeshFlow
[DP13]. MeshGit [DP13]. MeshHisto
[SSTP15]. Meshing
[Pan18, SRUL16, ACSYD05, BCF+13,
CBK12, EBCB14, FXBH16, FLG14,
GPW+17, HZG+18, LLC+12, LZZ+18,
LCBK19, SRUL17, WGF+18, ZGW+13].
Meshless [JHTG05, PFA+05, RSLL18,
FGBP11, HLW+12, LZX+08]. Meta
[WW14]. Meta-representation [WW14]. Metal
[DWMG15, PH15a]. metallic
[HCE03, PH15b]. metallophone [BLT+15].
metamaterial [MS+19]. metamodel
[LWL17]. metamodel-based [LWL17].
Metamolds [AM+18]. metamorphosis
[COSL98]. Metaphor [SB93].
MetaSilicone [ZKBT17]. Method
[FG90, LR00, LR91, LB84, Mai92, MHNT15,
PK83, Roc89, RT90, Sar00, SDG+19,
SSC19, YSB+15, ANZS18, BSSD9,
BGOS06, BWHT07, CXXZ14, DBD16,
DTB06, FLGJ19, FTP16, FGG+17, Gal99, GTJS17, GBO04, GHF+18, HZ11, HFG+18, JSS+15, JZW+15, KLL+07, LXY+16, MHM+09, MTPS04, SRF05, SMGH18, SSC+13, SS17, UBW09, WDT+09, ZHLB10, ZB14, ZSTB10, ZZZCJ13. **Methodology**


Model-based [WBG +16, KNC +08].

model-driven [XZZ +11]. Model-reduced [LMH +15].

Modelling
[AMZ99, BCX95, BCV +15, BR94, BSEH18, CXGS02, CFW13, CBKM15, FKS +04, GLL +16, HM92, HXM +18, Iza18, KWK09, Kla87, LBJK09, LDS +11, LDPT17, MTB +13, NY94, OCH +16, PCBF93, RHSH18a, Re83, RF +05, TDM +14, TWL +05, TB87, WZT +08b, WZT +08a, WQOS05, WFR +10, ZWW +18, AAL16, AZB09, ASF +13, BAS14, BB17, BHMK +18, BBO +09, BWS10, BJ +12, BK04, BW +13, BRB +19, CWW +12, CLS +15, CSW +16, CK10, CKK11, CEW +08, CNX +08, CLW +14, CZL +15a, DP13, DJBDDT13, DZS08, DTPG11, EBJ +06, FSL +15, GHP +08, GIZ99, GRB +18, GKT +13, GTR +06, GCH +19, HGY17, HPSZ11, HSTP11, HMG03, HMML15, IKKP17, IIOI05, IYY14, JTC09, JGGN15, KBDO7, KW11, KMP07, KN02, KYC +17, KCV +13, LF02, LRAT08, LCXS09, Lee05, LT06, LST09, LT09, LPL +17, LPL +18, LPW +06, MHS +19b, MWAM05, MFI +15, MWH +06, MZWW07, NKA08, NF07, NF02, OBH02, ODAO15, PPZ +11].

modelling
[PCL +12, PH08, PKKG03, PKZ04, PLKD18, QTZ +06, RS08, RMGG15, RDO1, RTB17, SZK15, SPTP15, SM15, SXZ +12, SLR +16, SSS +04, SSS +08, SSK +17, TAV +10, TSN10, TGY +09, TLL +11, TZW +07, TFX +08, TS08, TPT16, TM14, UKIG11, VBG +13, VABW09, VBL +15, VBP +18, WTL +06a, WLZ +09, WOR11, WWY +15, WMB19, WC01, WOD09, cWP03, WYD +14, WWL +19, XFT +08, XFZ +09, XG07, ZXZ +11, XLX +16, YTR15, YJKM12, ZSCS04, ZCW +17, ZQCL19, ZZ +12].

modelless [MW118].

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

Models
[GDAB +17a, Gre86, KSZ +15, KH17a, NON85, PM18, Roc89, SCB87, VR94, VJ19, WLX +18, ASK +12, AR05, BJ05, BPK05, BGR +05, CCA +12, CGG +04, CDM +02, gDGP +02, DS15, DAB15, DSP06, DLSCS08, DI +18, ESCK16, FGBP11, FH10, FMK +03, GDA +17b, GGG +13, GBFP11, GM05, GJ195, HBLM11, HMC11, ISF07, JHY +14, JP04, Ju04, JZH07, KIL +16, KMM +02, KGFF14, KGS +18, KSES14, KWN +17, KOY +11, KLM +12, KS04b, KSCC08, K17b, LAJJ14, LOMH11, LDP84, LRA +07, LSH +10, LHLF15, LSSS18, LKY12, LBMR12, MCC09, NKF09, NGDA +16, NCVM05, ON0104, PH1 +09, POB09, PSH13, PNDN12, PSK +12, PHN +14, PJH +17, RID10, SXZ +17, SLF +11, SILN11, SHOW02, SSBDO3, SGG +06, TLK09, TK14, TDM11, TROE16, VGD +12, VBBD05, VKS +14, WOR11, WMC11, WH +13, XLF +11, XWY +09, XCF +13, ZRLK07, ZLP +15, ZJB11, ZLB16b].

Modified
[Lev06, LSSW19]. modifying [DMSF15].

Modular [LAM +11, WST09, ZHRB13, FH11, GMP +16, HFH +17, JGP +14, LLMZ16, XBZN19]. modulation [ZF03].

moiré [HC04, CH14]. molding [MPBC16].

molds [AMG +18, AMG +19, NA +18].

moment [BWBH14, PKHR15]. moments [GOMP98, PMHD19].

Momentum [KH17a, KH17b, MZS09].

Momentum-Mapped [KH17a, KH17b].

Monitor [LR90, LR91].

Monocular [GZC +16, HXZ +19, RKS +14, XCC +18, GVWT13, GZW +16, MGC +19, SWTC14, WC10, WGBB16]. monolithic [VLD +13].

MonoPerfCap [XZC +18]. monotone [LVS +13]. montage [CCT +09, LYG15].

Monte [JMI12, ALDD17, BVM +17, BAC19, CKS +15, DMB +14, GLA +19, GHZ18, HET +14, HRV +18, KBS15, LADL18, McC99, OKH +17, PSC +15, RAMN12, RMGH15, SHHD17, SD12, SWZ96, SJ17].

Mood [CB05]. Morfit [YHZ +14].

Morphable [JCP +10, MZD05]. Morphing
[LL +14, SG01, AMZ99, ZWGS02].
morphogenesis [PNDN12]. morphologies [HRE+08]. morphology [CB14]. morphs [RV11]. morse [FBT+18, NGH04].
morse-parameterization [FBT+18]. mosaics [BA83, KP02, RAKR08]. MoSh [LMB14]. motifs [ACOH+18].

Motion [AJM12, AFO03, ACOYL08, AFF+95, DDK+17a, GXY+17a, HTCH15, JTCW07, KDR+16, KG02, LCL06, LW+16, LSC+08, LWS02, LTF+05, MWGZ09, MC12, PSE03, PKC+16, PB02, SPS+11, TZK+11, TBvdP04, WFS+09, WSL10, WF96, ZXS+12, AJS20, AWL+19, AXR09, AF02, Ari06, ACOH+18, BHR13, BSS+13, BBA+07, BLCD02, CMZP14, CH07, CLQW08, CL09, CLS03, CBL+16, CGZ+05, CYT+18, CHP07, DWW+18, DCP+14b, DMHG13, DKD+17b, EMO+10, FP03, GSH18, GPD+18, GSKJ03, GXY+17b, HYLC+16, HRvdP04, HRE+08, HKT10, HSK16, Hol18, HHC+19, HDK07, HKX+19, HQL+10, HPP05, HCTW11, HMT+15, IAF09, JYL09, JWDL19, JHS12, KA08, kKPS03, KHKL09, KG08, KLLT08, LBJK09, LCR+02, LSR18, LAGP09, LHdG+14, LP02, LHP05, LvydP+10, LW+13, LMB14, LCX16, MP07, MCC09, MYWI15, MK05, MRC05, PHT+13, Par17, PH06, PCSS06, PRGM16, PMRMB15, RAT06, RNd+07, RP03].
motion [RP07, RPE+05, RSH+05a, RRC+16, SHP04, SH07, SHU+16, SSBG10, SJA08, SNF05, SKL07, SP05, TK05, TBW+12, TAHH+04, TGS08, VKB+18, VAV+07, VSHJ12, WRDF13, WAO+09, WB08, WMZ+13, WCM10, WMC11, WZC12, WLP16, WL16, WXCH15, XWL+08, YM16, ZKS18, ZMCM13, ZMCF05, BZL+17].
Motion-aware [WFS+09]. Motion-based [WLS10]. motion-beat [hKPS03].

Motion-driven [AJM12]. Motion-guided [ZXS+12]. Motion-invariant [LSC+08].
Motion2fusion [DDF+17].

Motions [KH17a, DJ18a, HRZ+13, HOKP16, KG04, KH17b, LJ14, LvydPG12, PCSS06, RV11].
motivated [MKMS04]. motorcycle [SPGT18]. mountainous [BST09].
mounted [FRS19, KBBD17, LTO+15, SPS+11].
mouse [HGR+04], move [Lau18].
Movement [DKD+17a, DKD+17b].
movements [NRH17]. mover [SRGB14].
moves [XYH+18].
Movie [CPS+18, FHL+18, SRR+17].
MovieReshape [JTST10]. Moving [XJ96, MMH+09, SG17, CC19, DER+10, FCOS05, HFG+18, LDS+11, LCOlR07, SMW06].
MoXi [CT05]. MPEG [MEMS06].

MPM [SSJ+14, WFL+19].
Multi [Ang17, BHM+18, BBA+07, CQD+18, DXZ+19, GSMD07, GSB05, HNH19, HHC18, KL17a, KL17b, Kim10, KHH+11, KIM+19, LSA+16, MEM+19, MPH+15, OBA+03, PGZ+19, PO18, RGM16, RSH05b, RSA09, SM17a, SJMP10, TGK+17, TFBW+10, TFD+18, WOR10, Wei10, XZJ+12, AAC+06, ASL+17, BNK10, BDW13, CTH+14, DWW+18, DE05, DJ05, FZBR16, FFLO8, FAR07, FMB+17, FBGZ18, GPCP13, GP09, HSB+12, HGF14, HDD+16, HLR+17, HZCJ17, KHHK09, Kou16, LWH+11, LLL18, LTJ18, LMR+15, MHS+19b, NMD+17, NOP+18, NAB+15, OAD015, Par17, PLW+07, RFT+04, RP09, SM17b, SBK+18, SHHW16, SKYS08, SCT+15, SARW+15, TAHO+04, VSLD13, VBCG10, WVRKM13, VBM08, VPB+09b, WWS+05, WLO+14, WGDH+19, XLS+11, XLX+16, YCL+17, dASt+08].

Multi-aperture [GSMD07]. multi-axis [DWW+18].

Multi-body [MEM+19].
multi-cage-based [GCP13].
multi-camera [SHHW16]. multi-channel [HLR+17]. multi-character [KHKL09, SKYS08, WLO+14].

Multi-chart [BHM+18, GP09]. Multi-class [Wei10].
Multi-Contact [KL17a, TFD+18, KL17b].
multi-dimensional [WWS+05].
Multi-directional [PO18].

Naive [Mor11]. nanostructural [AHB18]. narration [JMD+17]. narratives [CM10]. Narrow [LHZ+18, ABO16]. Narrow-band [LHZ+18]. Natural [JMA06, KAEE20, SJ94, SGWJ18, WTBS07a, BAC+06, KHD14, Pel10, RPE+05, ZMSS18]. natural-constraint [KHD14]. naturalistic
nondissipative [SSK05a].
nonhomogeneous [GMP09]. Nonlinear
[CCW11, HMG03, LHW+10, VTTSH15,
XSZB15, ZB94, CAJ90, CPWA08,
CQD+18, KJDL09, LH05, MLPP09,
PMS12, VMTF09]. nonlinearity [KTS+14].
nonminimal [ABJN85]. Nonparametric
[Hob90]. Nonrigid
[SKM10]. Nonplanar
[Hob91]. Nonphotorealistic
[MGJ19]. Nonreflective
[SSK05a]. Nonreflective
[HOB90, WV92, ABJN85].
Noninvariant
[BH98]. Nonsingular
[HTER04]. Numerically
[MPK09, WBF16, XZSB15, ZB94, CAJ09, CPWAP08,
HOB90, WV92, ABJN85].
Numerically
[BN90, WV92, ABJN85].
O [ASF+13, WLG+17, WSLT18]. O-CNN
[WL7+17, WSLT18]. O-snap [ASF+13].
Obama [SSKS17]. Object [ABJN85, BC02,
Bar86, KSH+14, LXS+18, PKH+17a, SB93,
YYW12b, YSHWSH16, BWSS09, BSL12,
BiSP09, DF88, FZBR16, FR5+12, FCW+17,
HYZ+18, HWV+18, KSES14, KPH18, LD05,
LSS05, MYW15, Par17, PKH+17b, SHH99,
TK14, XZZ+11, XHS+15, XSZ+16, YLNP12,
YHL+18, ZBYX19, ZQPM12].
Object-aware [LXS+18]. Object-based
[BC02]. Object-Oriented [Bar86, SB93].
Object-space [YYW12b]. objective
[GGT17, LLL18, Rus19]. objectives
[WHDK12]. Objects [Kaj83, KK91,
MPB17a, RHW94, Rees83, vW84, ALY08,
BWBSH14, BBO91, BVG11, CZS+13,
CMT+12, CNR08, DCD15, DLL+18, EHA12,
FCODS08, GLL+04, GOMP98, GMB17,
HsvTP12, HK10b, HvKW+16, HFG+06,
IM10, IZT+07, ICG17, JTRS12, JP03,
KHFH11, KRD+12, KLY+14, LNWB03,
LSZ+14, MZL+17, MPT+18, MPB17b,
NLGK18, OHR14, PLR+16, SrTSH14, SY05,
SSM15, SOA11, SDW+16, SVB+12, SBK11,
SM06, SZS+08, TSBM16, VA88, WTL05,
WTL06b, WYY+13, WYY+15, WKA18,
WW13, WZQ+18, YTBK11, ZIT+18,
ZIT+19, ZBYX19, ZSMS14, vTSH13].
oblivious [MBK+10, YLPM05]. Obscuring
[HRvdP04]. observations [SCH+16].
obstacles [ABO16]. obstruction [XRLF15].
obstruction-free [XRLF15]. Occluded
[KZSR16, WCF07]. Occluders
[HOZ+19, EHDR11, GRBNO9, LRAT08].
Occlusion
[MJG18, EDR11, HK18b, KE18, PFHA10].
Occlusion-Aware [MJG18, HK18b, KE18].
OCEAN [DKD+17a, DKL+17b].
Octahedral [SVB17a, LZC+18, SVB17b].
Octree [BD02a, GWAB19, LGF04, PK05,
PK15, VA88, WLG+17]. octree-based [WLG+17].
octree-represented [VA88]. Octrees
[BN90, WV92, ABJN85]. off [MHM+17].
off-the-shelf [MHM+17]. off
[LDS02, SWC+18]. offset
[HLR+14, MAB+15]. offsets [Far89]. omni
[MUB15]. omni-directional [MUB15].
OmniAD [MUB15]. Omnistereoscopic
[SBH18]. On-line [VKS+14, PSBM07].
On-set [WSVT13]. on-surface [RGT+10].
On-the-Fly [DNZ+17b, VSLD13, DNZ+17a,
LYBB13, RTS+07]. once [HA18]. One
[OF01, JLF+09]. One-Dimensional [OF01].
one-to-many [JLF+09]. Online [BVG11, BWP13, HET+14, HRL15, HLW+18, TTR+17, ZXTZ15, KJ09, RMBB+13, STJ+17, VKK18, YG+17].

only [DHB+16, FBC18, LZF10]. Opacity [GRT13, MPN+02]. opaque [SOA11]. open [MRA+13, YYW+12a]. OpenFab [VWRKM13]. OpenSurfaces [BUSB13].

operated [Ros20]. Operation [BN90]. operations [AD03, HSB+12, IN10, KH08, LKZW10, Man86]. Operator [AOBC15, BDK+16, LK+03b, RSA09].

Operators [EC93, ACSM12, AML18, BL+18, KW03, LCTS05, LJO19, MBWB02].

Opponent [SCB87]. Opt [DMZ+17].

OptCuts [LKK+18]. Optical [OK10, PRM14, SS19, HLW+18, Hol18, HLZ10, HLBR12, LJM+16, MLZ19, SGM12, VWJH17]. optics [Fre16, IGP+17, LGX+13, NY04, SDP+18, WFH18, YHW+18].

Optimal [AHL17a, AHL17b, BLG+16, GYN18, KVG+19, LM97, NAB+15, SW18, SSC18, SV19, WP09a, YL10, BdSP09, CPC16, BC19, FAB+18, JKT+15, KCP13, LCCS18, LDS02, MK87, MSM+17, NJR15, SH07, SDGP+15, TLP07, WPP14, WJ19, XS18, ZLWH16, dBG12]. optimality [BCG05].

Optimised [DFM13]. Optimization [ASF+13, DMZ+17, HNH19, JYL09, LCP+19, ZSCM17b, BZCC10, BKR17, BOFN18, CH07, CGM11, COS19, FH04b, GWW+18, GPD+18, GRT13, HFF16, HDN+16, HMG03, HZG+12, JT15, KSN17, KGL16, KSS17, KEK05, LDK+18, LZ14, LLW04, LWC12, LHD+14, LLMZ16, LWL17, LKK+18, LGL+19, LHP05, LXY+16, LH18, LHZ+18, LSVT15, MDLW15, MTP12, MWTK13, MAB+15, MHR+16, PL07, PDZ+18, PTH+17, RKAP+12, SXZ+17, SZB18, SZT+07, SPH+17, SCT+15, SaLY+08, SDP+18, SHOW02, SMGH18, SLWF14, TBC+16, TWAD09, TYY+19, UKSI14, WHSL11, WSW+12, XWW+14, YLYW18, YCL+15, YYT+11, YYTC12, ZK14, ZSCM17a, ZBK18].

Optimization-based [ASF+13, JYL09, FH04b, GDP+18].

optimize [AMA+19]. Optimized [DZPZ09, WTSL08, LH16, LKK+16, MWBR13, MMDG11, OHH+11, SLWS07, WSL10, UXC+14]. Optimizing [AKJ08, CAA09, GSH18, HSSL13, HH10, Ter18, WFH09, WFH10, WHDK12, BWBSH14, LHRK10, LHY+15, TDM+14].

OptiX [PBD+10]. Orbifold [AL15, AL16, AKL17]. Order [BIW93, BSEN18, EC93, Jan91, KIM+19, MJJG18, BSS+11, GKH+12, GI04, MAB+15, RMB07, SMM14, ZRB14].

Ordered [BSW02, RCMG15]. Ordering [AECW15, WJ92]. organization [HSS+13].

Organizing [XMZ+14, PHL+09]. orientation [FCODS08, HZM+08, LSL+18, RPWO18]. orientation-preserving [RPWO18].


oscillatory [KA08]. Oslo [Mey91]. OT [PK50]. Out-of-core [IG03, NNSM07, SBZ09, WWS+05, CCG+04, WHY+13].


Output-Sensitive [SO92, JP04, JBP06].


P2P [YHC18]. P2P-NET [YHC18].

paged [AGL+17, SABS14]. Paint [LSS09, PBFM07]. painterly
[BSB+13, BOD+13, ZZZX09]. Painting [ARS14, CH04, gDGPR02, LFB+13, SED16, SMPZ15, CKIW15, LBDF13, MP08, SSGS11, SBK+18, XCW14]. Painting-to-
PatchMatch [BSFG09]. PatchNet
[HZW+13]. PatchTable [BZL+15].

PATEX [GBLM16]. Path [BYRN17a, CA00, CFS+18, FHL+18, GIFF+18, HZE+19, KIM+19, SNM+13, BPE+17, BYRN17b, CRS+16, CTE05, FZBR16, HJJ11a, HPJ12, HR13, KHD14, KMA+15, KB12, LHZ16, MIM+09, MKD+16, MGG19, PFG19, SHHD17, SMGH18]. path-based
[MMH+09]. Path-Space
[BYRN17a, SNM+13, BYRN17b]. path-traced [HR13]. Path-Tracing
[CFM+18, KIM+19]. Paths [HA92, KGH+14, LYT15, RHJ18, SS07]. Pattern
[BWKS11, YCZ11, BSK+16, GBLM16, LRFH13, POB09, PH15b, SCA02, Wan18a, WHS19, YWVW13]. Pattern-aware
[GBLM16]. Pattern-guided [YCY1].

Patterns [Ros82, AHD15, BSK+16, BSM+07, CLQW08, DEM06, DLL+15, HCE03, HSF07, JTV+15, KS04a, KSS06, KR+12, KCP+15, LWS+18, LBW+14, LHZ+17, PPW+18, PHD+10, RFL+05, SP16, VMW17, YBY+13, ZJL+14]. PCH [YXH14].

PCU [HAM07]. PDF [UBW99]. PDF
[HSB+12]. peeling [LZF+19]. Pen
[And83, KBNH12]. pen-and-ink [KBNH12].

penalty [TMOT12]. Pendulum
[KH17a, KH17b]. penetration
[JTL+12, PZM13, TK14]. people [ASK+05, CGL+08, JMB+14, Lau18, WKH18a].

per-frame [WHSL11]. per-pixel [BM05].

per-triangle [SOA11]. perceived
[HCOB10]. perceiving
[HMO12].

Perception [CAD19, HDS+18, MKMS04, OD01, PLKD18, RFB08, VRC+13, BOD+13, CG08, KWK09, MBB12, VLD07, ZAJ+15, ML0+08]. Perception-aware [PLKD18].

perception-based [CGZ08].

Perception-driven [HDS+18],

Perception-motivated [MKMS04].

perceptions [SN17]. Perceptual
[DDK+17a, FRS19, HOKP16, MS05, RP03, SLF+11, SFWG04, TGD04, TGZ18, UHT17, ZLP+15, DRE+11, DDK+17b, GSCO12, LKS+15, PLR+16, SMD+15, WAKB09, YI17]. perceptual-based [YI17]. Perceptually
[DPF03, HTER04, KO11, ÖG15, SFLM04, SHK+17, GWM+08, YK17].

Perceptually-driven [DPF03, KYS+15]. Perceptually-guided [SHK+17].

Perceptually-supported [SFLM04].

Perfect [LH06b, CZ17]. Perforated
[ZW+16]. Performance
[BYRN17a, SNM+17].

PERFORM [DKD+17a, DKD+17b].

Performance [CM83, CH05, FJ+14, HXZ+19, HHTC15, IWZ09, Tsa15, VMK00, WGT+05, XZC+18, dAST+08, BHB+11, BBB+14, BHPS10, CBZ15, DKD+16, DDF+17, DK99, HFH+17, HCTW11, KKS16, LTO+15, MJ+16, MBPY+18, PMT+07, SN17, SDO+04, VVB+12, VLD+13, WBLP11, WJV+05, WGP+10, WS11, XCLT14, ZBB19].

Performance-based [IWZ09, WBLP11].

performances [SWTC14, TDL+18, XLS+11, Zho18].

performative [BJS+08]. performed
[SP05]. Performing [NN90]. Periodic
[RLL+06, LWS+18]. peripheral [WZLW04].

Permission [ZG02]. person
[KS14, LMR+15, GRH+12]. Personal
[JMAK10]. personalities [ZCL18].

Personality [DKD+17a, DKD+17b, SN17].

personalization [TRT+17]. Personalized
[GZC+16, KIL+16]. Perspective [SGF16, LSC+12, SD02, CAA10, BB08a, HIJ11b, KHH+11, LGQ+08, SBK11, VRC+13].

Perspective-aware [SGF16, LSC+12].

perturbation [CA00, ZXX18]. Phace
[KKKP17].

Phase
[HKS17, WRDF13, BB12, FKN17, GSV+14, GXZ+13, Kim10, SSJ+14, YCL+17].

Phase-based [WRDF13, FKN17].

Phase-functioned [HKS17]. Phasor
[GNHM15, TEZ+19]. phenomena
[BWRB05, BLR+11, HMS05, RNF03].
phone [WGJ+18]. phones [AMS03, SLL19].

Phong [BA08, VW97]. Photo
[HHX+18, KOF14, LHE+07, SSS06, XZZ+11, YZW+16, BSP+16, BLDA11, CLY18, CLS+15, CFL+15, CYW+16, CZS+13, GSZ+18, GSC+15, GAL+09, HSL13, HEH05, JMAK10, KOF13, KNC+08, LBP+12, OF12, SPDF13, SSS+08].

Photo-inspired [XZZ+11].

photo-to-caricature [cly18].

Photo2clipart [FLB17]. photobios [KSSG11]. photobooth [PCK+08].

photogrammetric [TT09]. photograph
[FH04a, FSH+06, KSES14, KNC+08, LDPT17].

Photographic [RSSF02, BD06, BPB13]. Photographing [AAC+06]. photographs
[BKD+08, DS02, DIO+12, HE07, KHFH11, KGFF14, RMD04, RTS+07].

photography [AJD+10, ARNL05, BPK+13, CZN10, ED04, GSD07, HSC+16, HASK17, HK18a, ITM+14, KHHR11, KF09, KS11, LSC+08, LIW+08, MWBR13, MPN+02, MCE+17, NLGK18, Ng05, PSA+04, RAT06, RAWV08, SCG+05, VRA+07, VWJ+13, XRLF15].

photometric [HLHZ08, MS05, PCK+08, VPB+09b, WGP+10, XBS+19, ZRL+09].

photomontage [ADA+04]. Photon
[DDBJ19, GRH+17a, BJ17, Dec05, GRH+17b, GHV+18, HOJ08, HJ09, HJJ10, HJJ11a, JNSJ11, JNT+11, KD13a, KZ11, LOW18, MM06, QSH+15, SJ13].

photonic [HHGH13]. Photorealistic [GN06, POB09, Tsa15, KP11a, PRFS18, RTF+04]. Photos
[AECO15, FSGF16, MBGS15, SGSS08].

photosensing [RBvB+04, RNd+07].

PhotoShape [PRFS18]. Physical
[BSL+16, BKS+12, CSvRV18, HFM+10, KKKR+16, YYL+19, BBG+13, LBDF13, MIWI16, PKM+18, SWK16, WW13].

Physically
[HMS05, HESL11, LCT19, NFJ02, SML+12, WLZ+09, WMC11, WDR11, YTJR15, BP08, FP03, GS04, LSGV18, MWRD13, MPP11, ODGK03, RYL13, SHP04, SNM+13, SH08, TK05, UIM12, WC10].

Physically-accurate [YTJR15].

Physically-based
[HMS05, HESL11, LCT19, SML+12, WDR11, GS04, MWRD13, SNM+13, TK05].

Physics [BSK+16, BVF17b, CYFW14, DLK18, EHSN20, GB13, HHC+19, KBSG11, LV16, LH17a, WTGT10, YPA+18, AVF17, CBvdP09, HMT+12, IKKP17, JL11b, KIL+16, KPMP+17, LHP05, LH17b, MMCK14, MTM16, MdLIH10, PDZ+18, PALvdP18, YRPF09, ZZMC13].

Physics-Based [BVF17b, LV16, LH17a, EHSN20, GB13, HHC+19, AVF17, CBvdP09, IKKP17, JL11a, KIL+16, KPMP+17, LHP05, LH17b, MdLIH10, PALvdP18, YRPF09, ZZMC13].

Physics-driven [BSK+16]. physics-guided
[MTM16].

Physics-Inspired
[YPA+18, CYFW14, KBSG11, WTGT10].

Physiological [MIWB02]. PiCam
[VLD+13]. picker [DK99]. Pictures
[KCSG18, Van82, CGZ+05, HDK07]. piece
[NAI+18].

Piecewise [DLTW90, LM91, Far89, GOMP98, LT09, LB06]. pigment
[PRJ+13]. Pigmented [HM92]. PiGraphs
[SCH+16]. Piko [PTSO15]. pile
[HK12].

Piles [HK10b]. Pinlight
[MLR+14].

Pipeline
[SBSH18, BKKL15, DNB+05, HGF14, KKSS18, VWRKM13]. Pipelines
[LNLB16, HBD+14, MAS+16, PTSO15, RKL+11, RKAP+12, SFB+09]. Pitching
[TAH+04]. pixel [BM05, HLR+14, KL11, SGM+12, SCl+15, SaLY+08]. pixelization
[HWW+18]. pixels [WHB+12]. Pixie
[OHR14]. Placement
[CMS95, HK12, XCF+13]. placements
[GWJW15]. placing [BLA12]. plain
[ACXG09]. plain-weaving
[ACXG09]. Plan
[HNH19]. Planar
[CWKBC13, EPO91, JHR+15, SG01, WX91, ZPBK17, vW84, ASP07, GMP09, HF06, HAK14, KSH10, LXW+11, MSN11, MLB16, NCVM05, PSS+06, PL14].

Position [GHZ18, MJ13, PTV+17, RMD12, YHM16, ATM+17, LSL+18, Wan15].

Position-based [PTV+17, Wan15].

Position-correcting [RMD12].

Position-free [GHZ18]. Positional [YHM16]. Positioning [Bao82, ZB94].

positions [NRDR05]. possible [IM05, ZCD+16]. Post [HHX+18, PTM07, BGKS17, ITM+14].

post-capture [BGKS17, ITM+14].

Post-Processing [HHX+18].

Post-production [PTM07]. potential [CS00, OHR14]. Power [AGL+17, BLTD16, FF88, dGWH+15, MMT18, SR97, SR00, WYM+16, XLC+16].

PPPM [ZB14]. Practical [AWL13, EDR11, GHP+08, GRB+18, LWA+12, LYL+16, LJJ+18, LSVT15, MC92, NLGK18, RSL16, RZK11, SJJ12, TG17a, TG17b, VAV+07, BB17, CAJ09, EKA84, FTP16, JSB+10, KySK10, MSOC+19, SBdJD13, SRNN05, TWAD09, XCM+14, YJR17, ZG02, ZRL+09]. Prager [KGP+16].

Prakash [RNd+07]. pre [HMAM09].

pre-tessellation [HMAM09]. precise [NRDR05, TBC+16]. Precision [SBF92, Wan18a]. precomputation [KDN+93, WJ19, YLP+15]. Precomputed [CZJ12, JBP06, KAMJ05, RSM+10a, SKS02, XIM18, ZHL+05, BAERD08, Leh07, RS14a, RS18, SL17, SKOA14, SHHS03, SLS05, TS06, ZJ10]. Precomputing [JF03].

Preconditioner [CZY17b, CZY17a].

preconditioners [KSS11]. preconditioning [KFS13, Sze06]. predict [GSY+17, HLV+17c]. Predicting [DWMG15, WGY+18, BVM+17, BAC+06, KMM+17a]. Prediction [SS118a, WBF+17a, ATM+17, KKDK12, LPL+18, VRM+18, WBF+17b, WLP+16].


Printing [BAU15, DTPG12, LR90, LR91, MSS+12, MAG+09, PLMR17, SCB88, UTB+19, WPGM16, BWF+17a, BATU18, CCA+12, CZL+15b, DWW+18, DHL14, ESZ+17, ICG17, SBR+19, SBK+18, SARW+15].
SRB^+[19], WWY^+[13], ZYZZ^+[15], ZLP^+[15].

Printone [UPSW16]. prints
[CLD^+[13], PH15a, THKM13]. prior
[BSW13, CCWL18, CJN^+[17], MYW15, WLW^+[19]]. Priors
[VR94, ISSI16, LCS09, SKAG15, WSCRI18, ZZI^+[17], ZXC^+[18]].

prism [BKGK17]. Proactive
[YSL^+[14], XHS^+[15]]. Probabilistic
[CKGK11, FW16, LRFH13, RHW94, CLS03, KCKK12, KZ11, LCK^+[14], NKA08, WLP16].

probability [DLC^-[15]]. probable
[BB091, ORK12]. probes
[SL17]. probing
[OHX^-[14]]. problem
[DIO^+[12], HPB07, LW16, OP11, XW09, YWH13].

Problems
[FM84, Gol84, OF01, DML17, GITH14, MSW14, MLTI17, PKHK15, SPKS16].

Procedural
[BSW13, GDBA^-[17a], LLDD09, MDL16, MWI^-[06], SW14, TEZ^+[19], WOD09, BDK^+[16], BWS10, BHN07, CH02, CEW^-[08], CDM^+[02], EVC^+[15], GDAB^-[17b], GGG^+[13], GSV^-[14], GSLM^-[08], HSS08, KW11, LD05, LW08, MZW07, NSCL08, NGDA^-[16], RMGH15, SP16, SM15, TL12^-[11], VGDA^-[12], WYD^-[14], ZLB16^-[b]].

Procedurally
[Kaj^+[83]]. procedures
[MCS15]. Process
[MOR^-[18]]. Processes
[Ozt16, IAF09]. Processing
[HHX^-[18], SGWJ18, XWC^-[16], dGMM14, CPD07, CKPS17, CGZ08, CK11, G01, HBD^-[14], HDD^-[16], HST^-[14], HDA17, HHN^-[02], KSH10, KH10, KG08, KWB^-[15], LGA^-[18], LHLK10, LTJ18, MASS15, MAS^-[16], MMTD07, OEE^-[18], PHK11, PKCH18, RKAP^-[12], RH04, RVAL09, SR00, SDP^-[18], SLMR14, STP12, TWBO03, TYY^-[19], WRDF13, WFL^-[15], WSS05, YW13, Zhu18a, dGDM16].

Processor
[KS95]. processors
[CTh^-[14]]. Product
[SG17, BB15, NRH04, PBW19, SM06, SR09].

Production
[FHL^-[18], GIF^-[18], Pha18, LF02, LIZT^-[19], PTMD07, TKTST11].

products
[CAEM10]. professional
[LVS^-[16]]. profiles
[KWB^-[13]]. Program
[NN90, Spr82]. Programmable
[GTDS10, LLW^-[08], LHVT17a, LHVT17b, SBGB10, HAM07, HGG^-[11], HMG03, KLCP18, LB05, NJS^-[11], PTOS15, PMH02, VAZH^-[09], WVR118, WSS05].

Programming
[BB16, GF82, HGM14, PPV05, Wu92, ZH04, BLPW14, HZG08, HK11, KABL14, LGA^-[18], MGAK03, NWYM19, SAMWL11, SFB^-[09]]. programs
[AMA^-[19], HZG09, RMGH15]. Progressive
[DKHS14, FCOAS03, GD02, HOJ08, HLC^-[19], JNT^-[11], KZ11, LDS03, LNYF18, SJZP19, SJ13, VMK10, YSEQ08, H09, HJJ10, KDI13a, LJIH13b, PK05].

progressively
[ZZV^-[03]].

progressively-variant
[ZZV^-[03]]. project
[Ano10, ZIT^-[19]]. Projected
[And82, YZX^-[18]]. Projection
[DGH16, ZN06, ARN05, DLL^-[18], GWGB10, HWR14, HSHF10, JBM^-[17], JTL^-[12], KYS^-[15], LFZ10, LCOL107, MS05, MWI18, ME05, PMA^-[14], SCT^-[15], SSW^-[13], ZB15a]. projection-based
[MS05]. projections
[AYL^-[12], BML^-[14], CAA09, KSJP08, MWBR13, MHR^-[16], SBK11]. Projective
[BML^-[14], Pat85, WGW^-[13], ZLW^-[16], BEH18, Wan15, Pat87]. Projectively
[NY94]. projector
[BBG^-[13]].

projector-based
[BBG^-[13]]. projectors
[RvBB^-[03], RBV^-[04], SGM12].

Propagation
[SM17a, AO80, ACSM12, CRS^-[16], CZZT12, Erl07, Fat09b, GJWW14, HRL15, Liu18, MRA^-[13], QHY^-[16], RSM^-[10a], RS14a, RS18, SMM14, SM17b, SYJ05, WYJ^-[13], XLJ^-[09], YMR^-[13], ZRS18]. properties
[AHD15, FCJ07, NGB^-[06], ODJ04, SZG^-[13], WSM11, ZKB17]. prosody
[LTK09]. prosody-driven
[LTK09]. Protected
[KTL^-[04]]. prototype
[AWGB04]. prototypes
[KLY^-[14], YPB16]. Provably
[PL14, DML17, YL18]. proxies
[CB17, JSMH12, TYY^-[19], ZCC^-[12]].
proximal \cite{HDN16, HDN16}. Proximity \cite{SSG06}. Proxy
\cite{HXM18, KGL16, MSM11}. Proxy-to-Image \cite{HXM18}. pruning
\cite{TMRL14}. Psychophysical \cite{AFR07, GRG04}. Psychophysically
\cite{FCGH08}. Psychophysics \cite{SSC10}.
Pteronomy \cite{UKS14}. Pupil
\cite{JBM17, POB09}. Pupil-tracked \cite{JPBM19}. PuppetMaster
\cite{ZPBC19}.
Puppetry \cite{SLGS01, BJS06}. Push
\cite{HXM06}. Pushdown \cite{Ols84}. Pushing \cite{BAU15}. PushPull
\cite{LWM14}. Putting \cite{BW13}. puzzles
\cite{KLvK09, LKM19}. Pyramid
\cite{LSQ15, LQ15}. Pyramid
\cite{ksi16, PHK11}. pyramidal
\cite{CLF19, HLZC014}. pyramids \cite{FFL11}.

Q \cite{LWS15}. Q-MAT \cite{LWS15}. QEx
\cite{EBCK13}. QR \cite{CCLM13}. Quad
\cite{ULP15, BCE13, CBK12, CK14b, EBCK13, ECKB14, ESCK16, FBH10, LCBK19, PPW18, SW05, SPGT18, TPSHSH13, TPP11, TMB18}. quad-dominant \cite{SPGT18}.
quad-fragment \cite{FBH10}.
Quadrangulation \cite{FBT18, LHI14, ACBCO17, BWS12, BZK09, DBG06, HZM08, MTP15, ZHLB10}.
quadrangulations \cite{PBJW14, VPR19}.
Quadratic
\cite{BC14, ERT14, LWS15, KGL16}. Quadrature \cite{GT96}. Quadric
\cite{CGM91, FNO89, GZ05, Mi87, TGB13}.
Quadric-based \cite{GZ05}. Quadric-Surface
\cite{FNO89}.
Quadrads \cite{SJ94}.
Quadrilateral
\cite{DSSC08, DM13, LXW11, PZKW11}.
quadrotor
\cite{GSH18, JRT15, RH16, XYH18}. quadruped
\cite{ZKS18}. quadropeds
\cite{CKJ11}.
Quadtrees
\cite{LS00, Aga07, ABJN85, BFK16, SW85}.
Qualitative \cite{HSS13}. Quality \cite{APS16, KKDK12, WSL14, AAP17, AMMS08, ACMS10, BWG03, BGA12, BBB10a, BHB11, BBN14, CHM12, CBK12, CS00, CLS15, CTW09, CLW14, CJN17, CCS15, CS19, DDD14, GBA11, GT96, HRH13, LWC13, MKRH11, MHP19, SHD18, SJA08, SFWG04, WAC07, WHB12, ZJ11, ZF03, ZKU04}.
Quality-driven \cite{WSL14}. quantifying
\cite{RPE05}. Quantitative \cite{CM83, TGZ18}.
Quantization
\cite{Wu92, CCOST05, HRV97, LCBK19, Xia97}.
Quantized \cite{CBK15, DI11}.
quantized-diffusion \cite{DI11}. quantum
\cite{BSW02}. quartet \cite{HSS13}.
Quartic
\cite{Joe90b, Pet89}.
Quasi
\cite{LWK17b, LK17a, TWL17a, ZBK18}.
quasi-homogeneous \cite{TWL17a}.
Quasi-newton \cite{LBK17b, LKB17a, ZKB18}.
quasiconformal \cite{LKF12}.
Quaternion \cite{HFK94, KCZ00}.
Queries
\cite{MPB17a, BZL16, JJ11, MPB17b}.
quilting \cite{ZHW06}.
Rack \cite{TE82}. radar \cite{LGK16}.
Radial
\cite{WLH13, KN06, TS06}.
Radiance
\cite{BDT99, HWZ10, JDJ08, MJG18, HW12, JNSJ11, KMM17a, KMM05, RWG13, SL17, SKS02, SLS03, SHHS03, SLS05, TS06, WKR99, LAM11}.
radiance-predicting \cite{KMM17a}.
Radiative
\cite{SSBD03}.
Radiative \cite{ABW14, BRM18, JAM10, JAG18, ZRB14}.
Radiosity
\cite{ACP01, NN95, RT90, DFP99}.
RAID
\cite{GMW16}.
rain \cite{GN06, LCT19}.
Rainbow
\cite{JXAP17}.
raingods \cite{SML06}.
raising \cite{CLS85}.
Random
\cite{HZE19, NH08, PM95, AMA19, CNX08, GSV14, KCYW13, LSK06, SD12}.
Random-access
\cite{NH08, KCYW13, LSK06}.
random-phase
\cite{GSV14}.
Randomized \cite{GF08, BSFG09}.
Range [SB95, WS17a, ACP02, ACP03, AMMS08, BI08, CZ11, DD02b, FKI+14, FLW02, HSG+16, HFI+08, KSB+13, KR17, KUWS03, LSA05, MKR+13, MKS04, MEMS06, MCHAM06, PMOR10, PTSZ11, RA06, SHS+04, TAHL07, Van06, WLHR11, WS17b, BZL+17, LCTS05]. Rank [SW18, LHKR10, MK16].

Rank-Constrained [SW18]. ranking [WLO+14]. Rapid [KLCP18, Rw93, WWA+16, HHTF15, HFF+16, JB02, MGDB05, vHDT+07]. Rapidly [Fo87, TMRL14, ZIT+19]. RApt [MMBM15]. Raster [Dun83, Lev84, Mcl92, VN85, WW82].

Rasterization [Ho80, AMS03, FRS19, LAKL11, LHZ16, PR06]. Rasterizing [Tau94]. rate [HGF14, HDD+16, KLF+19]. rates [TDM16]. ratio [NSJ14]. Rational [BH98, Che92, EK98, HB98, KLN91, SG17, War92, ABS9, BCW17, CADS09, Gal99, Joe89, ZS00]. raw [LRS18]. Ray [BK85, GHCC88, KGB+99, Kaj83, Lev90, LSCO03, NKK+14, PP94, PBMH02, RLU95, SLM+17a, VKJ+17, WIK+06, WBS07, WHG84, vW84, BDT99, BAM14, DMB+14, DHV+11, EDR11, HJW+08, HQL+10, HZ11, IYY14, LAA+05, LADL18, 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-Tracing [NKK+14, Mor11]. RayCore [NKK+14]. Razor [DHV+11]. Re [JSSH15, Pav90, WP90, BHW16, DNZ+17a, GDC15, GPW+17, KD13b, MBPY+18, NKA08]. re-creation [NKA08]. Re-Editing [JSSH15]. re-integration [DNZ+17a]. re-meshing [GPW+17].

re-parameterization [GDC15]. re-rendering [MBPY+18]. re-simulation [BH16, KD13b]. reaction [RCLM19]. ready [ZB13]. Real

[ASA+09, ADM+08, BHN98, BJ05, BP08, BZ11, BAOR06, CBZB15, CW+16, CKH18, CP07, CM11, DNZ+17b, DLK18, DYN03, DFYL19, EMU15, FKY08, GXY+17a, GXY+17b, HXZ+19, HV04, HRE+08, HDHN16, JTL+12, JKT+15, KSZ+15, KIM+19, LH16, LES10, LTK09, LLX+01, LFTC13, LHLK10, LBK17a, LB06, MP08, MDB+19, MCK13, NMD+17, NZS13, PZ08, PO08, POC05, RWS+06, RHH10, SBS18, SCT+15, SL17, SSI18b, TDL+18, TZN+15, TZZ+18, TSL14, VRBC18, VTSH15, WWD+05, WPP07, WP09b, WYM+16, WXYL17, WOG06, WZN+14, ZXTZ15, ZZI+17, ZHWG08, ZRL+08, ZNI+14, AYY08, BK04, CWLZ13, CHZ14, CWW18, CH02, CB13, CT05, CHP07, CRR08, DNZ+17a, DvGK99, DLL+18, DHOO05, DFZ+17, DKD+16, DDF+17, FKY10, GO12, GCB+17, GB08b, HFF18, HMO12, HSW+17, HKA+18, HES11, JBP11, JP02, KNS+09, KCODL06, KRF+18, KAMJ05, LZX11, LXC+15, LBK17b]. real

[LNWB03, MMCK14, MHHM+17, MBPY+18, MP04, MBB12, MWF+17, NSX+18, NOP+18, PRWH+18, PCK+08, RSM+10a, RTK+15, RJ07, SZT+08, SKS02, SRNN85, TZZ+18, TPT16, TLP06, TS12, VBG+13, WAO+09, WJBK15, WJS17, XUC+14, ZBYX19, dASTH10]. Real-Time

[BJ05, DNZ+17b, DLK18, GXY+17a, HXZ+19, KIM+19, LBK17a, TZZ+18, TSL14, VTSH15, ZXTZ15, ASA+09, ADM+08, BP08, BZ11, BAOR06, CBZB15, CW+16, CKH18, CP07, CM11, DYN03, EMU15, FKY08, GXY+17b, HV04, HRE+08, HDHN16, JTL+12, JKT+15, LH16, LES10, LTK09, LLX+01, LFTC13, LHLK10, LBK17a, LB06, MP08, MDB+19, MCK13, NMD+17, NZS13, PZ08, PO08, POC05, RWS+06, RHH10, SBS18, SCT+15, SL17, SSI18b, TDL+18, TZN+15, TZZ+18, TSL14, VRBC18, VTSH15, WWD+05, WPP07, WP09b, WYM+16, WXYL17, WOG06, WZN+14, ZZI+17, ZHWG08, ZRL+08, ZNI+14, ALY08, BK04, CWLZ13, CHZ14, CWW18, CH02, CB13, CT05, CHP07, CRR08, DNZ+17a, DvGK99, DLL+18, DHOO05, DFZ+17, DKD+16, DDF+17, FKY10, GO12, GCB+17, GB08b, HFF18, HMO12, HSW+17, HKA+18, HES11, JBP11, JP02, KNS+09, KCODL06, KRF+18, KAMJ05, LZX11, LXC+15, LBK17b]. real

[LNWB03, MMCK14, MHHM+17, MBPY+18, MP04, MBB12, MWF+17, NSX+18, NOP+18, PRWH+18, PCK+08, RSM+10a, RTK+15, RJ07, SZT+08, SKS02, SRNN85, TZZ+18, TPT16, TLP06, TS12, VBG+13, WAO+09, WJBK15, WJS17, XUC+14, ZBYX19, dASTH10]. Real-Time

[BJ05, DNZ+17b, DLK18, GXY+17a, HXZ+19, KIM+19, LBK17a, TZZ+18, TSL14, VTSH15, ZXTZ15, ASA+09, ADM+08, BP08, BZ11, BAOR06, CBZB15, CW+16, CKH18, CP07, CM11, DYN03, EMU15, FKY08, GXY+17b, HV04, HRE+08, HDHN16, JTL+12, JKT+15, LH16, LES10, LTK09, LLX+01, LFTC13, LHLK10, LBK17a, LB06, MP08, MDB+19, MCK13, NMD+17, NZS13, PZ08, PO08, POC05, RWS+06, RHH10, SBS18, SCT+15, SL17, SSI18b, TDL+18, TZN+15, VRBC18, WWD+05, WPP07, WP09b, WYM+16, WXYL17, WOG06, WZN+14, ZZI+17, ZHWG08, ZRL+08,

[CCK92, CYFW14, LVS18, LFY+19, SCF+04, TWAD09, WZN+14, ZD1+15]. refining [SKH+14]. Reflectance [AAI16, CDP+14, CT82, CHB+12, DvGNK99, TG17b, BDM09, DTPG12, DCP+14b, DWd+08, DHI+13, FBL07, FRSL08, GHP+08, GZL14, Gup18, HP03, HLZ10, HP17, HHA+10, KCW+18, LXR+18, MSS+12, MPBM03, MAG+09, MHP+19, NZV+11, NLR+16, NJR15, PTMD07, TG17a, TFG+13, VLD07, WZT+08b, WRG+09, WGT+05, WMP+06, WPMR09, XDP+16, XNY+16, YSN+18, YJR15, YJR17, ZJ18]. Reflecting [RT90, BHW16].

reflection [HP17, IM12, RH04, RTS09, ZNT18].


depict [Wyn05]. Refractive

[ABW14, TB87, IZT+07, PMR010, PHN+12, SZR+08, WZH09, YTBK11].

Refurbishing [ZCC16]. Region

[SB95, KEE13, LSCO03, TDM11, WW13, YKC+16]. region-based [TDM11].

Regional

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

Regions

[LMR83, SF07]. registration [AMCO08, CZ11, HGCO+12, HYG+13, MDP+16, YNW16]. Regression

[KIM+19, MCY14, SWW15, BPC16, CWLZ13, CHZ14, LJS+15, RWG+13, VKK18, WPP14, WPP07, WLT16].

Regular

[HGM14, SYSP14, VMW17, ANHD17, LLH04, LPS+13, LH04, MMB15, vW09].

regularities [THW+14]. regularity

[PMW+08]. regularization [XCS+14]. Regularized [DJB17, IBB15]. regulated

[WPL18]. rehabilitation [KDI19].

Reinforcement

[HWW+20, CYT+18, LP10, LH18, MTP+18, PBv15, PBv16, PBY17, PAL18, PKM+18, XDF+19].

Reintegration

[DNZ+17b]. Relating

[THW+14]. relationship

[FCW+17, GMW16, LWL+19]. relationship-augmented [GMW16].

Relational

[Mac86, NDB+05]. Relations

[KK91, vOV96, LWC].

Relaying

[ASM92, ACSD+92]. Remapping [GO17].

removal

[SO92, GOT05, McK87]. Remove

[GTB15]. Removing

[ARNL05, FSH+06, GBMN09, WHDS04]. Render [MBB12]. renderable [LSS+19].

RenderAnts

[ZHR+09]. Rendered

[OKH+16]. Renderer [BAC+18].

renders

[PGM+19, SUn06]. Rendering

[BYG96, CFS+18, FH93, GFMS95, Gup18, HH20, JCD09b, JMY+07, KHF11, LXZ+19, LSCS14, LC96, Mal93, MCY14, P918, Rap91, SM17a, Sun06, TG17b, Tsa15, TB87,
VADWG15, YHJ+14, YMRD15, YHW+18, YPG01, ALLD17, ATM+17, BWG03, BPP010, BAGL17, BGAM12, BKKL15, BeI18, BOD+13, BFK+16, BST09, BF08, CBCG02, CGXS02, CLS+17, DI11, gDGPR02, DMB+14, DAD+18, DiD18, DYN03, Dio+12, DOOO05, DwD08, DP03, DJ18b, ET09, EC09, EM02, FFB+09, GLD+19, GN06, GZB+13, GM05, GGS03, GTDS10, GBAM11, GTR+06, GCH+19, GS04, HR05, HV04, HKWB09, HRDB16, HPP+18, HMC11, HSW+17, HESL11, HHN+02, HWJ+15, HWH+16, IZT07, JAM+10, JM12, JdJM14, JMM+14, JB02, KV05, KMM+17a, KE18, KP11a, KHL19, KWN+17, KB12, KTL+04, KLS+13, KYWCY13, KHLN17, LS02, LES09, LAC+11, LHZ16, LSSS18, LB05, LB06].

rendering [LH04, LKYU12, MBPY+18, MYR14, MPH+15, MIGYM15, MMMG16, MPG+16, NH08, NLM12, NNDJ12, OL03, OKH+17, ODR09, OEE+18, PZ08, PSK+16, PVG19, PMHD19, RH02, RTF+04, RGB16, RMD04, RZL+10, REG+09, RKZ12, RJN16, SBdD13, SM17b, SD09, SHL+17, SSY+04, SKG+12, SKS02, SWFG04, SRNN05, SM06, SR09, TAV+10, TZ19, TG17a, TWL+05, TS12, TGD04, TAKW+19, VRC+13, VT04, WWD+05, WZT+08a, WRG+09, WHY+13, WYM+16, WSG99, WW08, WJ17, WZF+10, WZYR19, XMR+11, XCM+14, YJT15, YHRM16, YSJR17, YIC+10, ZZXXZ09, ZHRB13, ZWD16, ZLB16b, ZRL+08, ZHR+09]. rendering-aware [DAD+18]. renderings [BVM+17, FJL+16]. RenderMan [CFS+18]. reordering [MBK+10, SNB07]. repair [Ju04]. repeated [CZM+10, CLQW08, WWOH08, ZHRB13]. repetition [KMYG12]. repetitions [XCW14]. RepFinder [CZM+10]. Rephotography [WBF+17a, BAD10, WBF+17b]. Replacement [RKS+14, DSJ+11, JMD+17, TSL+16, ZYQ+14]. replacing [BKD+08].

repositories [YGH+17]. represent [PMHD19]. Representation [BN90, DK99, GLL+16, SLM+17a, ABA02, ABJN85, BAS14, BAERD08, Boi84, CBCG02, DF88, FKY+10, GLLR11, HNB+06, HZW+13, KV05, KHD14, KCYW13, LRR04, LBAD+06, LKK+16, LZT+08, MASS15, MW18, OBW+08, OBCS+12, PKG06, PVM+B06, RS98, RAKRF08, SPSH18, SLM+17b, STPP09, STZ14, WSLT18, Win14, ZKU+04].

[SG17]. Resultants [CGM91]. retargeting
[AWL+19, ATDP11, HRE+08, HXK+19, KLVH09, LCOZ+11, PMPHB17, RSA08, RSA09, RGSS10, SSTD15, SK+11, TK05, WLSL10, ZAC+17, BZL+17]. Retiling
[AFSR03]. retina [JB+17]. Retinal
[JB+17]. Retrieval
[SK16, SSB+17a, SSB+17b, BBGO11, ERB+12, MRC06, XCF+13]. retrieve
[SBHH16]. Returning [BSM88]. Reusable
[JZvdP+08]. reuse [HZ11]. reusing
[BPE17, HAI18]. reveal [CH+12]. Revealing [DMIF15, WDW+15, WRS+12].

REVEAL [BP12]. reverse
[EKM17, MAF+09, RTS+07]. Reversible
[BJNJ18, BSBC19, LMAH+18, YYW+12a]. reviewers [TOP03]. review
[MHS+19a, HSTT10]. Reyes
[PO08, ZHR+09]. Reyes-style [PO08].

RGB [BvB+04]. RGB
[BP01, Bou18, CKH18, CLW+14, GXY+17a, MSS+17, SCD87, Sun06, TLG17a, TLG17b, WSXC16, ZWW+18, ZNI+14]. RGB-based
[SUN06]. RGB-D [CKH18, CLW+14, GXY+17a, ZWW+18, ZNI+14]. RGB-space
[TLG17b, TLG17a]. RGBA [UTB+19].

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

RGBXY [TEG18]. RGBXY-space [TEG18]. RGYB [WC91, WC90]. rhythm
[DA18]. Rhythmic [hKPS03].

Rhythmic-motion [hKPS03]. rich
[LYvdP+10]. Rich1300 [LKK+16]. richly
[BUSB13]. Richness [QPWH08].

Richness-preserving [QPWH08]. Ridge
[OBS04]. Ridge-valley [OBS04]. ridges
[JD07]. Riemannian [ZWL+18]. Rig
[GMP+16, HMT+12, ZBBB18]. Rig-space
[HMT+12]. Rigel [HDD+16]. rigging
[BP07, BDJ+12, LD14, LWP10, XUC+14].

Right [McI92]. Rigid
[BB14, CMT+04, GPB+19, ZJ10, AIA+12, BR07, CAJ09, CZJ12, DBB+17, GBF03, GSLF05, HSLGL11, HFG+18, IMH05, JTSB16, KEP05, LJ14, LD12, MTP+18, NA1+18, PSE03, RMSG+08, TK14, TBV12, TJ08, VSK+17, WSJP17, WP12, ZBG15b, ZNI+14].

Rigid-body
[ZJ10, CJI2, LJ14, PSE03, WSJP17].

rigid-fluid [AIA+12]. rigidity [CCWL18].

RigMesh [BJD+12]. Rigs [GZC+16]. Ring
[AECO15]. Ring-Ordering [AECO15].

RingIt [AECO15]. rings

[PCK+19, WPS14]. RLE [HNB+06].

roadmaps [CLS03]. robot [DXZ+19].

robotic [GPD+18, HXK+19, HZH+16, MTN+15, ZPB19]. Robust

[BFA02, CBvD09, CPS13, DD02a, FH93, FCOS05, GJTP17, GPW+17, HJ11a, HVTG08, HWZ+14, Hol18, HMLL14, JKSH13, Ju04, Ka14, KJDL09, KBT17, LDK+18, LD14, LAGP09, LPL+18, MdLH10, MPZ14, PCL+12, PSBM07, RS14b, SKY+12, SOHK16, VGB+14, XZZ+14, ZWZ+16, ZZMC13, AMCO08, BWSS09, BRB+19, CWTW17, DJBJ19, EBKC13, HPJ12, HSG+19, KSN17, LBK16, Mir98, MCKM15, RJO7, SHHD17, SLMB05, YLJ18]. robustly [DBDB11, TMRL14]. rod

[KTS+14, MLB16, PCT+15]. Rodent

[PGML+19]. rods

[BWR+08, MKB+10, SJM17]. role

[GXZ+13]. Rolling [GJN16, WFL+15].

Rom [DB88]. room [STXJ15]. Rooms

[HC86]. Rotation

[HFK94, Hi87, ACXG09, CMM11, JBY+19, LH16, LSLCO05, NSF12, PBH15, WJZL08]. rotation-invariant [LSLC05].

rotation-strain [PBH15]. Rotational

[PR07, WPP07]. rotations [PR97a]. Roto

[LVS+16]. rotoscoping [AHSS04, LVS+16].

Rough [IBB15, LJ+18, SS116, SS118].

Roughness [TGZ18]. roulette

[TH19, VK16]. Round [Pra89]. Routing

[PRM14]. row [HPB07]. row-column

[HPB07]. RPU [WSS05]. rubber [FLG19].

Rule [Wan18a]. Rule-free [Wan18a]. rules

[NSX+11]. run [GSKJ03]. run-time
Saccade [ATM+17]. saccadic [SPW+18].
Saddle [YWH13]. safety [KDI19]. SAGE [DN02].
salience-preserving [GOTG05]. saliency [LDS+16]. LVJ05. MLH+09. SLMR14.
Salient [GCO06]. Sample [GLA+19]. DH06. WLM+15]. Sample-based [GLA+19]. Sampled
sampler [ANHD17]. Samples [LNLB16]. BJ17. XSHR18]. Sampling
ARB03. ARNL05. APC+16. ALLDL17. BMW+09. BWWM10. CGW+13. CJAMJ05.
WPC+14. We08. We10. WW11. WWZ+06. XNY+16. YW13. YL12. YIC+10. ZHWW12.
EP+14]. sampling-and-recovery
[HWJ+15]. Sampling-based [LYvdP+10].
sand [KGP+16]. TGK+17. ZB05]. sans [DBWG15]. Sassafras [Hi86]. saucis
[NSS+19]. scaffoldings [DHL14]. scaffolds [SKSK09]. Scalable
LPLL19. PTC+10. RPPSH17a. RPPSH17b.
WHSL11. AFTC007. BDT+08. CZY17a.
MGT+03. REG+09. WFA+05. YKC+16].
scalar [PSF09]. Scale [LZCX19. LYC18.
ZSCM17b. Ang17. ASL+17. BPD06. BL15.
BBA+07. CQD+18. DFZ+17. EDF+16.
FFLS08. FMB+17. FBGZ18. FYY+16.
LWL17. LSA+16. MHS+19b. MPH+15.
RNGF03. RGB16. SLW11. SLS03. SG11.
XZJ+12. YIO+15. YSQ08. ZSCM17a].
scale-and-stretch [WTSL08]. Scale-aware
[LYC18]. scales [FG11. XLZ+10]. scaling
[DZPZ09]. Scan
[RRW90. ACP02. ZSW+10]. Scan-Conversion [RRW90]. scanline
[LHZ16]. scanned [XGC07]. Scanner
[PCHF18. HLZ10. WAO+09]. scanning
HDGN17. HFI+08. YSL+14]. Scans
[FJA+14. ACP03. BR07. CZ11. LBB+17b.
YNW16]. SCAPE [ASK+05]. Scattering
BCKR+10. DWP+10. FD17. FCJ07.
LJJ+18. MJC+03. MGJ19. MM06. MWM08.
NZV+11. NGD+06. PVBM+06. STTP09.
SRB+19. SRNN05. SZL10. VKJ19.
WZHB09. WTL05. XH18. ZWDR16.
ZYWK08]. Scattering-aware [ESZ+17].
Scenarios [TFD+18]. Scene
RO87. ZXTX15. BHY15. CZA+10. DXZ+19.
FSL+15. KW8+15. KPKZ17. KNO6.
MGC+19. NXS12. NKG06. RSF+08.
XNM+14. XHS+15. YTS+11. ZN06.
ZHG+16. ZK13. vdHDT+07]. Scene-aware
[LLZ18]. scene-level [BHY15]. scene-space
[KW8+15]. SceneGrok [SCH+14]. Scenes
SM17a. VLA15. ZWK14. AAC+06. AZB09,
ADM+08, BSM+07, BF08, CLW+14, CXY+15, CAC+02, DKL+16, FSH11b, FCW+17, GTDS10, HKWB09, JM12, JF03, KR17, KNS+09, LRT+14, LDTA17, LGZ+13, MPE+18, MP04, MRA+13, MMBM15, NNDJ12, PFHA10, RSM+10a, RWS+06, SM17b, SKY+12, SXZ+12, SKG+12, SZLG10, TPWG02, WIK+06, WBS07, WLW+19, WDB+07, WGL+18, XZY+17, YMR+13, ZSW+10, ZHL+05.

Schedule [LH17a, LH17b]. schedules [RKAP+12]. scheduling [BDK+16, MAS+16, SKK+12, SKB+14].

Schelling [CSPF12]. Schematic [GCSS06]. Scheme [DLG90, LCD+19, DM13, PR97b, VB06, ZM11]. schemes [CADS09, LYYL08, WWT+06].

Schrödinger [CKP+16]. Schur [CZY17a, CZY17b, LMAS16, PAK+19].


scribble-based [XFAT12]. Scroll [Ols92]. Sculpting [RAD12, Ros94, TQ94, CSTP16, DJ17, JX96, PXW18]. Seam [AS07, DZPZ09, LFJG17, RSA08, STP12].

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

Segmentation [AASP17b, ST16, VFK+14, YSHW16, AASP17a, AOP+18, ACA+19, CTF09, DAB15, HUG+14, JKH13, KHS10, SSS+17, SVKK+11, WGW+13, YGH+17].


Selected [KP92]. selecting [TMRL14]. selection [ACCO05, FAC11, JKT+15, LSS09, OLAH14, XFAT12].

Selected [BAAR12]. Self [BD02b, CLQW08, MHS+19a, PHL+09, SHK+14, BJ10b, DPW+14, FF11, LGV+13, LDPT17, LB18, LPS+13, MIB15, MASS15, PSK+12, RvBB+03, RvB+04, SPO10, SRL+15, TK14, VHP12, WPL18, WLH+13, YY17, ZJ12]. self-adapting [PSK+12]. Self-animating [CLQW08].

self-augmented [LDPT17]. self-collision [BJ10b, MIB15, SPO10, WGL+13, ZJ12].

self-configuring [RvBB+03]. self-contact [TK14]. self-describing [RvB+04].


Self-organizing [PHL+09]. self-portraits [LGV+13].

Self-refining [SHK+14].

self-regulated [WPL18]. Self-similarity [BD02b].

Self-Supporting [MHS+19a, DPW+14, LPS+13, MIB15, VHP12].

Semantic [AOP+18, BVG09, BSP+19, CZG+11, HLC+19, HWY+18, LG+13, YCHK15, CLW+14, HXM+13, LMS13, MC12, SXZ+12, TD16, TSL+16, WXYL17].

semantic-aware [TSL+16].

semantic-based [TD16]. SemanticPaint [VVC+15]. Semi [YXZ+18, BGS06, DGD16, GBA11, HDS+18, SHG13, WSM15].

semi-analytical [GBA11]. semi-implicit [DBD16].

semi-iterative [Wan15]. semi-Lagrangian [BGS06].

semi-structured [HDS+18].

Semi-Supervised [YXZ+18, HSG13].

semidefinite [KABL14]. Sensation [OL03].
[MSM11]. Shape2Pose [KCGF14].
Shape2Vec [TD16]. Shaped
[EP091, HA92, MSS+19]. ShapePalettes
[WTBS07b]. Shapes
[CH14, EM04, HLV+17a, HJS+14, MLS+18, ACP03, GSV+17, HR05, HLV+17b, HSS+13, HZH+16, KH06, KLM+13, KSH+16, LMS13, LIV+12, LSQ+15, LYC18, LKG+03b, LSCS14, MLYZ19, MSBH06, MZL+09, NB11, OLG11, OBCS+12, PSG+06, PWLSH13, SyKK+11, TD16, THW+14, UIM12, WAvK+12, WSLT18, WSH+18, XZT+09, YSC+16, ZAC+17]. shaping
[CLC96, GM17, MP1+18]. shared
[BAM13, KKB+11, WCPM18]. sharing
[SGM12, SSTP15, SMH16]. sharp
[AGCO10, FC0505]. Shear
[YSB+15, NSS+19]. Shear-Dependent
[YSB+15]. Sheared
[YMRD15, ETH+09, EHR11]. SHED
[KvKSH15]. shedding [WP10]. sheet
[SMCT18]. sheets [BUAG12, DBGW15, NPO13, PTG12, PNdJO14]. shelf
[MHM+17]. Shell [CTW+04, PBFO5, CSvRV18, CQD+18, CQD+18, NA1+18]. shells [BMWG07, CAJ09, CLF+18, GSLF05, GFT+18, KMB+09, MPBC16, MPI+18, MKB+10, RK13, RMSG+08, PKL+19]. Shield [LRAT08]. shiftable [SMH+11]. Shining [KHKR11]. shock [El07].
shooting [HHC+19]. shot [AWL15, BGK16, BKG17, BB+10a, NNY+16]. shots [JRT+15, LWCT14]. shoulder [HOKP16]. Shutter [JGM16, RAT06]. side [XZ+09].
Sifting [BBPA15]. SIGGRAPH [Spe03].
sight [HOZ+19, IHO20, LWO19]. signal
[TTWM14]. signal
[RH04, RTD+10, WYY+14].
signal-processing [RH04]. signals
[CH05, PMH19]. signatures [AC0+18]. signed [ZDI+15]. silhouette
[RSZ+05a, SH03]. Silhouettes [JHR+15, KDMF03, RD10, VBMP08, WL16]. silicone [AMG+18, ZKB17]. Silly
[FLG19]. silviculture [MHS+19b].
SIMBICON [YLvdP07]. similar
[BDG15, Ros20]. Similarity
[CZ17, LLN+14, BB15, BD02b, DAB15, GCO06, GAGH14, GvdBL+12, KvKSH15, LSM+19, LKS15, SMGE11, ZRB14]. Simit
[KKRK+16]. Simple
[BR94, FS84, LR90, LR91, LKF12, MD94, SO92, TTP+11, TM84, CPSS10, Gd99, GKS02, HRH+13, LP02, SSJ+11, TSG+14, VMTF09, YLvdP07, YZ04]. simplest
[PR97b]. simplex [FL16]. simplexes
[DeR88]. Simplicial
[JSP17, PBCF93, CS16, ETK+07, FLSG14, GD02, MZD05, MB12, ZQC+14, dGAOD13]. Simplicity
[EM90, FL16, PSB10]. simplification
[ABA02, CHPR17, DSSC08, DSW03, GFT+17, GOZ19, LTH00, LWHT15, LXFH15, OL03, PEL05, SCF+04, SAMW11, WYY+14, YLHY18, ZG02]. simplify
[SS16]. Simplifying [WM03]. simulated
[CKJ+11, DH96, HRL15, HML14, MPP11, SH08, YCBvdP08]. Simulating
[BWRB05, CW10, JHC15, JHC15, KJ10, LDM16, LGF04, MM06, SSC10, SKL07, TOK14, WM14, ZBG15b, FLG19, FGD19, GFT+17, FBLG19, GTJS17, SSBD03, YLNP12]. Simulation
[BSL+08, BK16, CYZ17b, DKHS14, EM09, GDA17a, HWZ+14, HH16, KLS+07, KRRK+16, LYWG13, LBK17a, PMS12, RLY+14, SLST14, SDK18, SS00, XIM18, AR15, BG05, BG10, BDW13, CMT+16, CWX+05, KWI15, CSvRV18, CAR+09, CM11, CYZ17a, CLMMO14, CQD+18, CGG+17, DBDL12, DLL+18, FLLP13, GDA17b, GKS12, GNS+12, GFT+07, GTH14, GKS02, GHZ18, HMS05, HP12, HTC+14, HW15, HW16, HG09, HMM19, IGLF06, JP02, JP03, JWJ+14, KHD14, KSN17, Kaul18, KG111, KTS11, KG08, JO10, KySK10, KP11b, KD13b, KGH+14, KP03, LST09, LPL19, LLJ+11, LDN+18, LBOK13, LMH+15,
LBK17b, LCT19, MKB+10, MSW+09, MBF04, MYH+10, MC11, NGCL09, NSO12, NB11, NO13, OPOD10, OKRC10, PBH15, PDZ+18, PTC+10, RTC+10, RMS+10a, RNGF03, RK13, SSB+15, SML+12, SHD+18, SLFO8, SABS14, SWL11. simulation

[SMD+15, SOHK16, SG11, SSC+13, SKP08, SJLP11, TGK+17, TJM15, TWL+18, TBV12, TJO8, UHT17, UPSW16, VMTF09, VKS+14, VK16, WY16, WMB19, WLPS18, WRK+10, WLP16, WMW15, YJL+16, YLX+15, YCR+15, ZNT18, ZB13, ZSTB10, dSAP08]. simulation-ready [SBZ13]. Simulations [MSG+18, Thu17a, ATW13, ATW15, BP08, BSG12, ISF07, Kim10, LJS+15, LAD08, MBT+15, PSEO3, RPc+10, Thu17b, TMPS03, YCL+17, YS+18].

Simultaneous [BJTK18, NLW+16, HVTG08, ISSI16, PTH+17, SKV+12, TFK+03, VSK+17].

Single [CWW+12, DAD+18, Fat08, GHC17, GXY+17a, HMLL15, HWK15, LOW18, NZV+11, SYSp14, SBT+19, TFX+08, WZHBO9, WS17a, YPA+18, BGK16, BKGK17, BSW13, BCRK+10, BBB+10a, CLS+15, CSW+16, CZS+13, DMIF15, DTPG11, EKJ+17, FSH+06, GSY+17, GSZ+18, GXY+17b, GSLM+08, HSW+17, HLV+17c, JTOC09, KSES14, KYC+17, LAGPO9, LDPT17, LXR+18, MSSL+17, MDF+19, PSB+08, SAJO8, STXJ15, SPDF13, SRNN05, SZLG10, WGGJ+18, WTL05, WSSX16, WSW+18, WZC12, WST+08, WS17b]. single-image [WGJ+18]. Single-image [DAD+18].


singularities [SSC18]. Singularity [LZC+18, LLX+12]. Singularity-constrained [LZC+18]. singularity-restricted [LLX+12].


Skeleton [ATC+08, ULP+15, BAS14, CGC+02, HWCO+13, KP11b, LYYG13, TZCO09]. skeleton-driven [CGC+02, KP11b, LYYG13]. skeleton-mesh [BAS14]. Sketch [ATW+17, CND+08, ERB+12, ST14, ST16, TPSH13, ZIH+11, CBL+16, DS15, EHA12, LPL+18, LWH15, NSAC05, PHS+18, SSII16, SSII18b, XCF+13, ZLT+18]. Sketch-based [ATW+17, CND+08, ERB+12, TPSH13, ZIH+11, CBL+16, DS15, LPL+18, NSAC05, PHS+18, XCF+13]. Sketch2Photo [CCT+09]. Sketch2Scene [XCF+13]. Sketches [BB15, HFL14, KH06, LZ58, PBN10, QSH08, Stc18].

SketchiMo [CBL+16]. Sketching [BSM88, CKX+08, JHR+15, KG05, SSII18a, BS+13, GRGC15, HGY17, JZ07, LPL+17, NGDA+16, PKM+11, PSEO3, SLWF14, TBPd04, WTBS07b]. sketchy [SBHH16]. Skills [HL14, CBVdP08, CKJ+11, LH18, PBvdP15, PBvdP16, PBVY17, PALvdP18, PKM+18, YCBvdP08].

Skin [CBRO15, NFA+15, BBN+12, DWD+08, LSN13, LST+19, PH06, PH08, SMP03, TOS+03, VBG+13, WWY+13, MWP+16]. skin-frame [WWY+13]. skinned [BBJP12, FKY+10, LM+15]. Skinning [BL18, JTO5, LJJG14, JBK+12, JZvdP+08, KCZ+08, LD12, LD13, LH16, LL19, MZS+11, MK16, SHT+08, VBG+13, VG+14]. skins [MG03]. Skipping [KJ09, LNLB16]. Skippy [KY+17]. skull [KSH03]. Sky [TSL+16, HW12, TYS09]. sky-dome [HW12]. skydome [KN+14]. SkyFinder
Slang [HFF18]. slice
[TYS09]. Slices [MSM11]. Slidding [AHL17a, AHL17b, ERP+19]. slice
[ERP19]. sliced [BC19].

Smart [RO94, XAT12, ZCC+12]. SmartBoxes [NSZ+10]. smartphone [VKB+18].

SMASH [MTM16]. Smith [HHD16].

Smoke [PM17b, RNGF03, Thu17a, WPS14, CKP+16, CT17, FL04, GSLF05, LGF04, PM17a, SRF05, SABS14, SY05, Thu17b, TMPS03, WP10, YCZ11, ZRL+08]. Smooth [DFZ+17, DFLY19, LD12, LM91, PR97a, Pet01, RW94, RLU95, BHK14, HTW11, KLS03, KP03, MEM+19, Ma89, OBW+08, WP06, WWT+06, ZWL+18].

smooth-shaded [OBW+08]. Smoothed [ERT14, KSR10, TJM15].

smoothing [LWL+09, PKD+19, YZ04]. SmoothSketch [KH06]. SMPL [LMR+15].

snakes [LLZM10]. Snap [GSKJ03, ASF+13].

Snap-together [GSKJ03, SnapCut [BWS09]. snapping [ASF+13, LST04].

Snapshot [CHWH17, HLV+17c, JBY+17]. Snapshots [FK93, SCH+16]. snow

SSC+13]. soap [DBWG15]. soccer [HHC+19]. social [APS+14].

Soft [AAP17b, GPHSH19, GT15, LAA+05, PZ17, TTL12, WAC07, AOP+18, AAM03, BBO+09, FPT16, GWP+19, JLI1a, KPM+17, LYWG13, MZL+17, MWR12, MA07, PRWH+18, RWS+06, WWY+15].

Softshell [SKK+12]. Software [F086a, F086b, F086c, M92, WW82, KSS18].

SOHO [LF08]. solar [KKN+14]. Soli

[LGK+16]. Solid [BN90, CCK92, KFCO+07, MC11, NY94, RCE89, ANZS18, ABA02, BBO07, CH02, CS09, CWS013, CDM+02, DF88, HLW+12, JDR04, KRD+12, LD11, LLJ+11, LDHM16, NGL10, RS98, SS10a, TOH08, TLK16, WZYG10, ZGZJ16].

solid-fluid [BBB07, HLW+12, TLK16].

solid-liquid [CWS013]. Solids

[KS95, AD03, FLGJ19, FGBP11, Lee05, LB18, MKB+10, PKA+05, RMSG+08, YJL+16, ZSTB10]. Solution

[SAZK06, BRB+19, YWH13].

Some [CF07, GM84]. Sony [KCG18]. sort

[CTM13]. sort-based [CTM13]. Sound

[LFZ15, SM17a, ACSM12, CRS+16, CAJ09, CJ11, CZJ12, CLG+16, CDQ+18, DRW+14, DYN03, DLL+15, JBP06, LAJ14, LJ14, LCT19, MRA+13, MYH+10, RSM+10a, RS14a, RS18, RYL13, SMM14, SM17b, SJM17, WQLJ18, WOD09, YI17, YMR+13, ZCT16, ZRS18, ZJ10, ZJ11].

soundbanks [ZJ10].

Sounding [MYH+10]. sounds

[AJM12, BLT+15, BDT+08]. soup [SOS04].

soups [BDS+18]. Source [SM17a, GTHD03, GGH03, MRA+13, SM17b].

Sources

[NON85, FO01, CDP+14, JBP06, MLR+14, RSM+10a]. Space

[BYG96, BYRN17a, EK98, GRGC15, HC86, LLKP11, LHGD+14, Pet89, SAL+08, SH92, TLG17a, WLX+18, ZIT+18, AB89, ACP03, AP08, ATDP11, BS02, BYRN17b, BKCO16, BCWG09, BBO+14, CBD13, CLW16, CGZ08, COE91, DCD15, HPJ12, HMT+12, JLI1b, JTL+12, JTSW17, KHD14, KSHG18, KMP07, KWR+15, LALK11, LH06a, LSCO03, LC15, LGK+03b, MVH+17, MMG06, MHC+16, RSH18b, RH02, RN16, SNM+13, SXZ+17, SGM+16, SvK+11, SMD+15, SAZK06, SGLG10, TEG18, TMDK15, WCPM18, WAKB09, WY05, XB16, YPPM11, YYW12b, TLG17b].
Space-Filling [Shn92]. Space-time [GRGC15, LLKP11, LHdG+14, SAL+08, ZIT+18]. space-warp [LKG+03b]. spaced [Gos00]. Spaces [KP92, DCP14a, HRV97, Lzp12, OKH+17, SHP04, TGY+19, VABW09, ZCC16, dASTH10]. Spacetime [PM17b, SLS+12, ZSCS04, HSvTP12, PM17a, SvTSH14, XWW+14]. Spark [FH11]. Sparse [ASGCO10, BFGS03, FGBP11, HSB+12, NVW+13, NSF12, WLY+16, 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, TZR+11, TKKT12, TS12, XYJ13, XSHR18, XBS+19, dAST+08]. Sparse-as-possible [ZCD+16]. Sparsely [HWZ+14, LHZ+18]. Sparsity [SHD+14]. Spatial [BSB16, GRS+17a, HKT10, LLWD14, BSB17, DH06, GB08a, GRS+17b, LBJK09, LH06b, LGK+03a, LGX+13, LW+19, Y117]. Spatial-spectral [LLWD14]. spatially [BJ10a, BATU18, DWP+10, DTPG12, DCP+14b, GWN+03, GCH+19, HMP+08, JAG18, LXR+18, MAG+09, TDG18, 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, BBK+15, GBAM11, KZP+13, VBK05]. spatio-angular [KZP+13]. Spatio-temporal [ZM13, BBK+15, GBAM11, VBK05]. Spatiotemporal [PKC+17, YPG01, ASK+12, HLR+14]. speaker [EML+18, NKA08]. speaker-independent [EML+18]. Speaking [SDO+04]. Spec2Fab [CLD+13]. Special [BG9b, Fol86a, Fol86b, Fol86c, FGN84, Pha18, Ros94, Sto92, WKR99]. species [TGK+17]. Specific [DMZ+17, ALLD17, SHP04]. Specification [DFM88, GM84, Hud94, Jac86, RvE93]. specifications [CLD+13, PYB+16]. specified [HFM+10, WPC+14]. Specifying [Van82]. speckle [BAGL19, Par17]. spectra [BDM09, SJ17, WPC+14]. Spectral [DBG+06, FHL+18, GO17, HZM+08, KBC+13, KHLN17, LJJ+14, LJO19, OAG10, WBCPS19, YM16, AHD15, BCG05, CJN+17, HW12, KYS+15, LLWD14, PMHD19, RZK11, SvKK+11, SLMR14]. spectroscopy [KRD+12]. spectrum [BWWM10, Fre16, ZHWW12]. Specular [CA00, IM12, JM12, KYYL08, SJJ18, XH18, YJH+14, YHMR16, YHW+18]. Specularly [RT90]. Speculative [AVGT12]. speech [CTFP05, CB05, EML+18, EGP02, OLSL16, TKY+17, XZL+18]. speech-driven [CTFP05]. Speed [GHCC88, KRF+18, PSBM07, TAH+04]. SPGrid [SABS14]. SPH [AIA+12, AAT13, BGI+18, GPB+19, HWZ+14, JZW+15, PICT15, RLY+14, SB12, SP09, WHK17, YIL+16]. SPH-Based [HWZ+14, JZW+15]. Sphere [HH16, TGBE16, TPT16, B004, LF08, VPR19, TGB13]. Sphere-Meshes [TGBE16, TPT16, TGB13]. sphere-tree [BO04]. spheres [Hub96, SHWP09]. Spherical [AKL17, BXX+18, BF01, CCW93, KISS15, PH03, SNB15, DHB17, GCC+10, GFT+11, GGS03, HKWB09, KSH10, KH10, KWN+17, LKK+16, MWM08, RWS+06, SHL+17, TAY+10, TGB13, TS06, TFG+13, WR18, XSD+13]. Spin [BWBSH14, CPS11]. Spin-it [BWBSH14]. spinnable [BWBSH14]. SpinVR [KDMW17]. spiral [ZZX+18]. spirals [ZGH+16]. splashing [GB13]. splatting [GLA+19, LSR18, WFH+07]. Splines [BS88, BS90, BL18, Fo87, Joe90a, KPP17, Kla91a, LTO8, RLU95, SDG+19, Se93, SYSP14, vOV96, BA83, CG89, PU06, SCF+04, WPL06, GBK05]. Splines [BBB+93, BF01, DB88, FB95, Joe90b,
Spoke [MEA^+18]. Spoke-Darts [MEA^+18].

SPOT [BC19], spray [IGP^+17, NO13].

split [WTGT09].

splitting [ME92, SZBN03, YHB05].

split [WTGT09].

Spray [ME92, SZBN03, YHB05].

splitting [ME92, SZBN03, YHB05].

split [WTGT09].

splitter [TBV12, VK16, YYWV13].

Spoke [MEA^+18]. Spoke-Darts [MEA^+18].

SPOT [BC19], spray [IGP^+17, NO13].

split [WTGT09].

splitter [TBV12, VK16, YYWV13].

Spoke [MEA^+18]. Spoke-Darts [MEA^+18].

SPOT [BC19], spray [IGP^+17, NO13].

split [WTGT09].

splitter [TBV12, VK16, YYWV13].

Spoke [MEA^+18]. Spoke-Darts [MEA^+18].

SPOT [BC19], spray [IGP^+17, NO13].

split [WTGT09].

splitter [TBV12, VK16, YYWV13].

Spoke [MEA^+18]. Spoke-Darts [MEA^+18].

SPOT [BC19], spray [IGP^+17, NO13].

split [WTGT09].

splitter [TBV12, VK16, YYWV13].

Spoke [MEA^+18]. Spoke-Darts [MEA^+18].

SPOT [BC19], spray [IGP^+17, NO13].

split [WTGT09].

splitter [TBV12, VK16, YYWV13].

Spoke [MEA^+18]. Spoke-Darts [MEA^+18].

SPOT [BC19], spray [IGP^+17, NO13].

split [WTGT09].

splitter [TBV12, VK16, YYWV13].
BSFG09, FSH11b, IOO105, LSD+16, LLW17, PMW+08, SVB+12, SKAG15, ZPZ13.

structurally [DLL+15, WOD09, ZCT16].
structurally-sound [WOD09, ZCT16].

Structure [CAO09, FMLW14, FvKBCO16, HGM14, KEE13, LCOZ+11, LLR13, MDLW15, PQW+08, SFCH12, XZW10, XYYJ12, ZXTZ15, ZJMB12, CMZP14, DH06, GPW+17, HYG+13, HAKA14, JAM+10, LDHM16, LGF04, NGH04, SABS14, SYJS05, UMK17, WVJH17, WWL+19, ZLC+13, YCZ11].

Structure-aware [CAO09, LLR13, PQW+08, ZJMB12, WWL+19].
Structure-based [XZW10].
structure-driven [HYG+13].
structure-from-motion [CMZP14].
Structure-oriented [FvKBCO16].
Structure-preserving [KEE13, LCOZ+11].

Structured [ARB03, GIZO9, Kau18, LN84, SS118a, HDS+18, KFWM17, LKK+16, LBW+14, MCT15, RGB16, RHG10, SMCT18].

Structures [vOV96, BPK+11, Boi84, DPW+14, JTSW17, JLBMO5, KPW17, LSK+06, LXC+17, LCC+18, LYO+10, MLB16, PKL+19, PLW+07, SZB18, STK+14, SHOW02, SFG+13, Ter18, WWY+13, YCCT17, ZHRR13, dGAOD13, vKXZ+13].

Study [CMS95, LJJH11, RGS810].
stuffing [LS07].
stunts [TGLT14].
Style [BSN+13, GMHP04, HPP05, HLV+17a, LZX19, LHLF15, SPB+14, XLZ+10, FTP03, GAGH14, HLV+17b, KGS+18, LJJH11, LHP05, LKS15, LKWS16, MBB12, NKA08, PO08, SDKN18, SED16, SBLD15, WPP14, WYX11, XWCH15, YSN19, YM16].

Style-based [GMHP04].
Style-content [XLZ+10].
Style-Defining [HLV+17a, HLV+17b].
style-synchronized [KGS+18].
Styles [YXZ+18, LP10, SHU+16].
stylistic [CCL12].
StyLit [FJL+16].
Stylization [DS02, FJL+16, LYFD12, ZAJ+15].
stylize [ZAJ+15].
stylized [FJS+17, KDFM03, LMPB+13, RTF+04, TIA107, Wam16, dSAP08].
Stylizing [BCK+13, JST+19, EBGB14].

sub [HA18].
sub-meshes [HA18].
subband [LSA05].

Subdivision [AB08, Che92, DGLG90, Gol85a, Kla94, Lew87, Rap91, dGDM16, BFK+16, CADS09, DMI3, HSH10, ISD04, KP07, KS08, KBZ15, Lev06, LYL08, LJJG14, LS08, LSNC09, MRF06, MFR+10, MP09c, Nas87, NLMD12, PO08, PR97b, PS04, PBW19, SW05, SJP05, VB06, VMW18, WP06, WWT+06, ZH+07].

subdivisions [GS85, PVR18].
SubEdit [STPP09].
Submissions [Ols88].
Subspace [BJ10b, HTC+14, HZ13, HSL+06, KD13b, LGW+11, MA07, PBH15, SS119, TMDK15, AKJ08, BJ05, MHR+16, TOK14, WJBB15, WMW15, XB16].

Subspace-based [SS19].

substrate [PH15b].
substructure [ZX+18].
Substructuring [PAK+19, BZ11].
Subsurface [FHK14, DWP+10, HFM+10, PVBM+06, STPP09, VKJ19].

Subtle [BMSG09, WRS+12].

subtractive [ZJ18, ZZX+18].
successive [FZL+15].
suggesting [LRFH13].
suggestion [CXY+15].
suggestions [CK10, JTRS12, SSK+17].
Suggestive [DFRS03], sum [BDD11]. summation [DTP15, WWF+10]. summation [ZB14].

Summed [NMLH14, NMLH11].

Summed-Area [NMLH14, NMLH11].

Super [BAC+06, CBD13, NYY04, GGY18, SDP+18, WGD+19, XFC18].

Super-helices [BAC+06].
super-resolution [GGY18, SDP+18, WGD+19, XFC18].
super-compressed [KPM16].
superimposed [AYL+12].
Superimposing [BL08].
super-resolution [HLR+14].
supersampling [DVO09, DEM96, YNS+09].
Supervised [YXZ+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, VHWP12],
suppression [LSL+18]. Supra [WWH04].
Supra-threshold [WWH04]. SURE
[LWC12]. SURE-based [LWC12]. Surface
[B92, Bli82, CG89, DHB+16, DNZ+17b, DLG90, EC93, EK98, FG90, FB85, GLL+16, HWZ+14, HOZ+19, HH16, HTHC15, KM97, LSSW19, LC96, MBT+15, Mi687, PM05, SO92, SYSP14, TG17b, VBF12, YC+14, ZW14, Zvd88, dFP95, AMCO08, APL14, APL15, AAT13, ABA02, ACA+19, ASL+17, BUSB13, BMHK+18, BHK14, BLN+13, BHW13, BDB16, CCG02, CSPF12, CBI13, CMMK15, DBC14, DNZ+17a, DTB06, DBC+06, DCP+14b, EB14, FG14, GZ08, GWM+08, GTR+06, HG14, HSTP11, HLLZ10, HNB+06, HLF+09, HZ82, JCCW09, JSMF+18, KH13, KG06, LDK+18, LDPT17, LKK+18, LPL+18, LF09, LTJ18, MCK17, MFL17, MeK87, MA515, MBWB02, NGH04, OBS04, PO08, PKG06, RMD+10, STJ+17, SAPH04, SS10a, SSZC10, SAC004, SLS+07, SAL+08, SC18b, SCGT15, SKM10, SS11, TWB003, TWGT10, TG17a, VGB+14, VPB+09, VMT06, WZT+08b, WLZ+09]. surface
[WYY+14, WVJ17, WFM+07, WPMR09, XDPT16, XZZ+14, YHZ+14, ZJ18, ZMT05, ZM11, ZGW+13, ZQC+14, ZBG15b, ZHCJ15, ZPKG02]. Surface-only
[DHB+16]. Surface2Volume [ACA+19].
SurfacBrush [RRS19]. Surfaces
[And82, AOCBC15, BIW93, BHN98, BS88, BS90, BSTY15, Che92, CMG91, DWMG15, ESBC19, Fi89, Joc90a, JHR+15, KPP17, KMM17b, LM91, LDW97, LC96, MHS+19a, MS592, RHSH18a, Raph91, RS4b, Roc89, SB95, Sar00, SLN+17a, SG17, TBWP16, War92, AB89, ACXG09, AA09, AK04, ASGCO10, BX03, BW13, BMBZ02, BHLW12, BWWM10, BFK+16, CI97, CS09, CPS11, DvGNK99, DBJ19, EKS+10, EC96, EB08, EMF02, FCAS03, FLHC010, GOMP98, GG07, GBK05, HSH10, HCCJ19, KNBH12, KMM17c, KYYL08, KTT13, KCPS15, KLPC18, KI03, LCCS18, LJJ+18, Lev06, LFS16, LPL+17, LB18, LPW+06, LPS+13, LIG14, LD89, LB06, LS08, LSNC09, LKYU12, MG+17, MIB15, MRF06, MFR+10, MAB+15, Nas87, NISA07, NLMD12, PZ07, PCL+12, PLPZ12, PBDSH13, PS09, PKD+19, POT17, PV06, POC05, PSB+08, PU06, PBW19, RRS19].
surfaces
[SHWP09, SF09, SPSH14, SLM+17b, SOS04, SF07, SS10b, SRGB14, Sta03, TSN10, TDG18, TSTL+02, TO02, VBCG10, VdFG99, VHWP12, WMT05, WSM11, War89, WB+08, WG09, WGL+18, WZSY19, YHJ+14, YZ04, YT13, ZMSS18, ZZV+03, ZMT06, ZS00, ZHX+07, vW09]. surfacing
[PLS+15]. surfel [AD03]. surfel-bounded
[AD03]. surgery [MCS15, TR98]. surgical
[CAR+09]. surroundings [VAV+07]. Survey
[DKHS14, Gre86, GB08a]. suspended
[FOA03]. SV [RGB16].
SV-BRDF [RGB16]. SVBRDF [AWL13, AWL15, BJTK18, DAD+18, DWT+10, GLD+19, NLGK18, ZHA18, ZC+16]. SVG
[WWH13]. swapping [BK+08]. Sweep
[CZS+13]. Sweeping [vW84]. Swimming
[SLST14, SHU+16, TGG11]. swings
[CB05]. SwingWrapper [AFS03].
Switchable [SMH+11]. Symbolic
[EC93, BCT15, Gue07]. Symmetric
[CC19, JTC09, vW09, GWAB19, LF08, PLPZ12, Ru19, SR97, YTL18]. symmetries
[MHS06, THW+14]. Symmetrization [MGP07]. Symmetry
[BSEH18, KL12, LCDF10, RS14b, BWS10, CMZP14, LSS+17, MGP06, PZ07, PSC+06, RVLO8, WWF+10, XZT+09, XZJ+12, XZJ+13]. Symmetry-guided [KLF12].
symmetry-summarization [WWF+10].
sync [SSKS17]. synchronized [KGS+18].
Synchronization
[Hil86, ELFS16, WSZ+14]. Synchronized
[Khkl09]. synchronizing [HLW+19, LJ14].
synchronous [HLZ10, HZG08]. synopsis
[ACCO05]. Syntactic [SG91]. Synthesis
[AFP+95, BSL12, CZX+16, CBvdP08,
DBP+15, HM92, JWDL19, LW15, LLX+01,
LP02, RO85, RO87, SC017b, Tzl+02,
WB08, YL12, YBY+13, ZZV+03, AAL16,
AVB08, AJM12, AFO03, BSHK04, BDT+08,
BNB13, CDSDH13, CWL12, CLG+16,
CWTW17, DSB+12, DLL+15, DLKs18,
EVC+15, FP03, FH04a, FJS+17, FRs+12,
FSL+15, FRs19, FAw19, FCW+17, GGY18,
GPD+18, GMP+06, HET+14, HRRG08,
HWRH13, HSK16, JYL09, JHS12, KWR16,
KCKK12, KGS+18, hKPS03, KLF12,
KFCO+07, KP06, KSE+03, KEBK05,
LES09, LH05, LH06a, LHL10, LSR18,
LDF14, LTK09, LWS02, LSA+16, MJC+08,
MWGZ09, MmP+18, MM08, MSOC+19,
MC12, MYH+10, NScL08, OG12, PHL+09,
PcSS06, PZ17, PB02, RYL13, Rco109,
SHM+18, SC017a, TZN19, TOS+03,
Wzt+08b, WYZG09, WHR010, WScr18,
Wqj18, WHZ+08, WLR11, WLR12,
Wy04, XKF+18, Xuc+14, XBS+19,
YYtCl12, ZG04, ZJM12, ZHW+06].
synthesis
[IZJ14, ZzB+18, ZTF+18, ZFwW18].
Synthesizing
[NSB13, RHDG10, SHPO4, SSKS17, YKHO4,
Yyw+12a, CYT+18, NRH17]. Synthetic
[Lcv+04, MHS+19b, PTS09, Pc82,
WGJ+18, ZMN+19, BD1+02, CNR08,
KhFH11, OP010]. synthetic-vision
[OP010]. System
[AJZ20, CM83, EHSN20, GF82, LZCX19,
SG86, Bly06, BTfN+08, CSTP16, DHO005,
FNvD82, GPCP13, Hgy17, HFTF15,
HFF16, HGG+11, HWR14, HMT+15,
JLF+09, KLHG09, LZO4, MGAK03, MP04,
MIWI16, MI07, NJS+11, OEE+18,
RRKs+07, SPJT10, Ssy+04, TL04, TKTs11,
Wzk+17, WS99, YCL+17, ZPK02].
Systems
[HF07, LN84, PAK+19, Ree83,
WW82, ZH+11, ACXG09, FLP14, HFF18,
HDA17, KSJP08, LBOK13, SSB+15,
SHS+04, SHH16, SAZK06].
T [CZ17, GBK05, KPP17, KBZ15, SZBN03,
SCF+04]. T&I [NPP+11]. T-junctions
[KPP17]. T-mesh [KBZ15]. T-NURCCs
[SZBN03]. T-Spline [GBK05, SCF+04].
T-splines [CZ17, SZBN03]. Tables
[NMLH14, NMLH11]. tabletop [Ano03].
Tactile [LDS+16, TGZ18, BP12, SPG13].
tags [MWHS+09, RBvB+04]. Tailored
[POAR12]. taking [CLC96]. talk
[SQRH16]. talking [FTZ+19].
talking-head [FTZ+19]. tall [CM11].
Tangent
[BS88, CÖS19, PP03, FSDH07, VB06].
Tangent-space [CÖS19]. tangents
[HLHZ08]. Tangible
[JPg+14, Ano03, GM+16]. tangle [SP16].
Tanks [KPZK17]. tapestries [BGSF10].
Target [FL04, GRs+17a, GRs+17b].
Target-driven [FL04]. Task
[Avdp16, Cas91, CBvdP09, SKB+14].
Task-Analytic [Cas91]. Task-based
[Avdp16, CBvdP09, SKB+14]. tasks
[BSL12, GSC012, YKHO4]. Tau
[Las90]. Tau-Splines [Las90]. Taylor
[ZRLK07]. tearing [PNdJO14].
Technique
[EM90, Ree83, Res87, JM12, JB02, KSHG18].
Techniques
[And83, HL14, Jan91, Kaj83,
Os88, RO85, RO87, SWZ06, UBW99, CB04,
IGLF06, JDR04, JASR99]. technology
[Bp12]. teeth [VPB+18, WBG+16].
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 [XFCT18]. Temporal [AECO15, LAC+11, MKZ+16, OHX+14, WGP+10, BGSF10, BBK+15, BTS+15, LWA+12, LBK09, VBK05, WFS+09, ZRLK07, ZM13]. Temporally [ASC+14, HKA+16, LL+12, XFCT18].
tendinous [SSB+15]. tensegrity [PTV+17]. tensile [VMTF09]. Tension [BB83, DLG90, AAT13, GMB17, SZB18, TWGT10, ZQC+14]. tension-actuated [GMB17]. tensioned [Coh87]. Tensor [HLW+19, PRK+17, SG17, Tsa15, WLHR12, TS06, TS12, WWS+05, XZY+17].

TensorTextures [VT04]. terahertz [WW13]. Terrain [GGG+13, LYvdPG12, PGP+19, PBvdP16, BST09, CGG+17, GDG+17, LH04, PBvdP15]. Terrain-adaptive [PBvdP16, cWP10]. tessellation [VdFG99]. tessellation [FFB+09, GBK05, HMAM09, LWL10, LBJK09, VBK05, WFS+09, ZRLK07, ZM13].

textile [VMTF09]. Text-based [CS00, DYT05, KEB05, LL+12, LXY+16, ZMSS18]. Testbed [WW82]. tetrahedra [PVR18].

tetrahedral [H2G+18, ACSYD05, AT13, KTY09, LS07, PRP+15]. tetrahedron [TWAD09]. tetrapuzzles [CGG+04]. Text [FTZ+19, HAB16, XZJ18, JMD+17, RMBB+13, SFLM04]. Text-based [FTZ+19, JMD+17].

Text [+16, KBD07, KL12, KFCO+07, KSG+03, LH05, LH06a, LPR02, LWS02, LLH04, LDHM16, LSA+16, LHVT17, LFB+13, MWGZ09, MS13, MCHAM06, PKCH18, RA01, SCO17a, SO01, TD+02, TOS+03, TT09, WSH+16, WHZ+08, WY04, XYXJ12, ZG04, ZMT05, ZHW+06, ZZB+18].

Texture-Based [SS00]. Texture-lobes [LPC+11]. textured [BBG+05, PKC+16, WM03]. Textures [AZP+05, AS02, BD02a, CGZ+05, gDGPR02, DYN03, FAW19, GP08, GP09, JDR04, JP02, KMB+09, KPM16, KSE+03, LHL10, LGG+07, MWT11, MWLT13, MZD05, NSX+18, ON01, PZM+15, PZ08, RCO10, SFD+12, TOI08, TNZ19, WZYG10, ZZV+03]. Textureshop [FH04a]. Texturing [CH02, GSV+14, PB02, VSLD13, XCQ+09].

threare [WL16]. their [Fat09a]. theme [WYW+10]. theories [LJGH11]. Theory [APH+14, CA00, HZE+19, JSK12, BB17, DPF03, FCJ07, JNSJ11, LDF14, MSRB07, RAMN12]. Theran [BTFN08, There [PVR18, ISSI16]. thermal [HZW12]. thermoforming [SPG+16]. thickness [YSC+16]. Thin [HWZ+14, LSNP13, ASL+17, ABO16, BMWG07, BDW13, CAJ09, CYSvRV18, CQD+18, FSH11a, GBN09, GSLF05, GHF+18, HLHR09, LCC+18, PNG01, RK13, VRBC18, VLD+13, WT08, WTGT10]. thin-plate [FSH11a]. thin-shell [CQD+18]. things [Iza18]. thinning [NSS+19].

threads [BAV+10]. Three [CKH18, CCW93, CGM91, COSL98, Day90, EM94, Gre86, JSMH12, SG17, WF96, BBO91, Boi84, IGLF06, SLWF14, UB18].

Three-dimensional [CKH18, Day90, EM94, COSL98, JSMH12, BBO91, Boi84, UB18]. three-level [SLWF14]. threshold [WWW04, ZF03].
tight [DML17]. tilable [FLICO10]. tile [CML+17, WPC+14]. tile-based [WPC+14].
tiled [MS05, YBY+13]. TileGAN [FAW19].
tiles [KCDL06, LD06, CSHD03]. tiling [vW09].

Time [And83, AIH+08, BYG96, BJ05, BKCO16, CWTW17, DNZ+17b, DLK18, GTR+06, GXY+17a, GNHM15, GVNB18, HXZ+19, HZG+18, ACSYD05, AT13, KTY09, LS07, PRP+15].
KZSR16, KIM^+19, LBK17a, MBGS15, MOR^+18, Mey91, TZS^+18, TSLP14, VTSSH15, WS85, XZT15, ABW^+17, ASA^+09, ADM^+08, BHR13, BP08, BZ11, BAOR06, BM07, BK04, CHWH17, CWLZ13, CHZ14, CBZB15, CWW^+16, CJK18, CCWL18, CH02, CPD07, CBI13, CM11, CT05, CHP07, DNZ^+17a, DRvdP15, DLL^+18, DYN03, DHO005, DKD^+16, DDF^+17, EMU15, FYK08, FYK10, GO12, GCB^+17, GSKJ03, GRGC15, GXY^+17b, HV04, HED05, HFF18, HRE^+08, HHHW15, HHDN16, HSW^+17, HKA^+18, Hub96, HESLI11, JBP011, JP02, JTL^+12, JKT^+15, KBW^+13, KNS^+09, KCODL06, KRF^+18, KAMJ05, LEN09, LH16, LES10, LZC11, LTK09, LLKP11, LHIG^+14, LGL^+19, LLX^+01, LFTC13, LHLK10, LXC^+15, LB17b, LB06, MCK14, MMH^+17, MBPY^+18, MP04, MP08, MSS^+17, MDR^+19, MCK13, NSX^+18. time [NMD^+17, NOP^+18, NZV^+11, NZIS13, PZ08, PO08, PVG19, POC05, RSM^+10a, RWS^+06, RTK^+15, RJ07, RHHL02, SAL^+08, SZT^+08, SHHW16, SCT^+15, SL17, SSII18b, SKS02, SRNN05, SMPR07, TDSG15, TDL^+18, TZN^+15, TZZ^+18, TPT16, TL06, TS12, VBQ^+13, VRBC18, WAO^+09, WWD^+05, WTL^+06a, WP07, WP09b, WJBK15, WYM^+16, WSJP17, WJ19, WXLY17, WGT^+05, WOG06, WZN^+14, XUC^+14, XZY^+17, ZIT^+18, ZZZ^+17, ZBYX19, ZHGW08, ZRL^+08, ZRN^+14, dASTH10].

time-critical [Hub96].
time-domain [WJ19].
time-gated [PVG19].
time-lapse [MBGS15, BM07, LEN09, SMPR07, TDSG15].
time-multiplexed [WGT^+05].
time-of-Flight [GNHM15, GVNB18, KZSR16, ABW^+17, CHWH17, HHHW15, MMH^+17, NZV^+11, SHHW16].
time-resolved [AIH^+08].
time-variant [WTL^+06a].
time-varying [BKCO16, GTR^+06, BHR13, DRvdP15, HED05, XZY^+17].

time/Space [BYG96].
times [SPDF13].
tissue [BBO^+09, KPMP^+17].
tissues [PRWH^+18].

TOG [Ols88].
together [GSKJ03, RTB17].
toil [DBWG15].
token [Zit13].
tolerance [MCSA15, YRF09].
tolerant [SLWF14].
tomographic [WLHR11].
tomography [GKHH12, IYYI14, ZIT^+18, ZIT^+19].
ton [CXW^+05].

Tonal [FL11, LFU50].

Tone [SW18, ASC^+14, BP06, EMU15, EKM17, FFLS08, K011, LCTS05, MKD08, MAF^+09, RSSF02, RTS^+07, WXY11, YZW812, ZF03].
tool [BDM09, FH04a, JRT^+15, MZB^+17, WAC07, XFAT12].
toolkit [FH04b, MGDB05].
tools [BLA12, BD86, HA92, SB93, PLK18, RMD12].
toon [ZLWH16].
tooning [WXS04].
toonsynth [DLKS18].

Topological [LDW97, VV94, vOv96, GMP09, LDK^+18, NGH04, TR98, VW95].
topologically [PKZ04].

Topology [ALX^+14, ABA02, DFL^+15, HZCJ17, MB12, NHS^+13, PSF09, Sar00, ZJL14, ZSCM17b, ZHC15, AXZ^+15, ABO16, BHK14, BW13, BHLW12, BBB10a, DRvdP15, JZH07, LHM09, LHZ^+18, MBF04, Mus13, NKJF09, SLS^+07, Sta03, WGT10, WHDS05, YHZ^+14, ZPBB27, ZSCM17a].

Topology- [PSF09].
topology-adaptive [MB12].
topology-aware [SL5^+07].
topology-based [DFL^+15].
topology-constrained [ZJL14, ZHCJ15].
topology-controlled [HZCJ17].
topology-driven [NHS^+13].
topology-preserving [LHM09].
topology-reducing [ABA02].
topology-varying [ALX^+14, AXZ^+15].

toric [GPSZ11, LC15, MAG^+17].
torque [JWDL19].
total [MGNDA^+15, XYJX12].
touch [PRWH^+18, RP09].
tourism [SSS06].
tourist [GAP08].
tower [DFL^+15].
toy [ZXS^+12].
toys [MS04, MI07, SWT^+17].

traced [EDR11, HR13, PFHA10].

Tracer [GIF^+18].

Tracing [BK85, BK87, CFS^+18, DLWT90, FHL^+18, GHHCC88, GRS^+17a, Kaj83, KIM^+19, Lev90, NKK^+14, PP94,
RS14b, RLU95, SLM+17a, TB87, VKJ+17, WHG84, vV84, BDT99, BSS+13, CRS+16, CXW+05, CTE05, DHW+11, GR5+17b, HJW+08, HJ11a, HQL+10, HZ11, KMA+15, LAA+05, LADL18, MKD+16, Mor11, MHC+16, NPP+11, PBD+10, PBH02, RSH05b, SHHD17, SLM+17b, SLWF+14, WIK+06, WBS07, WWB+14, WSS05. **TrackCam** [LWCT14]. **tracked** [CB04, JBM+17, PSK+16]. **Tracking** [BHLW12, WKA18, AHS04, BW13, CHZ14, CCWL18, CMMK15, DBG14, HLW+18, HK10a, HMT+15, JTT10, KRF+18, KHLN17, LWCT14, MB12, NSJ14, TBC+16, TTT+17, TAH+04, TPT16, TTR+17, VGB+14, WP09b, WXY17, WSS18, ZLWH6, ZBG19]. **TRACKS** [BMWG07]. **trade** [LDS+02, SWC+18]. **trade-offs** [LDS+02, SWC+18]. **Tradeoffs** [BYG96]. **traffic** [LWL17, SWL11, WSL13]. **train** [WPKL17]. **Trainable** [EPP02]. Training [HL14, MCS15]. **Trajectories** [TFD+18, RH16]. **Trajectory** [GM84, HNH19, LH18]. **Tran** [Ros20]. **Trans-similar** [Ros20]. **Transactions** [Bea88]. **transcripts** [SBLD15]. **Transfer** [HLC+19, LFZ15, SHS+18, AHLC+13, ABW14, ACSM12, BVGP09, BRM+18, BSBC12, CNR08, DYT05, FZL+15, GYO+18, HPB06, JAM+10, JBP06, JFA+15, JG18, KAMJ05, LEN09, LTY+17, LKWS16, ODAO15, PTMD07, SSDK18, SED16, SPB+14, SHS+17, SKS02, SLSS03, SHHS03, SLS05, SSDBED, SP04, TZN+15, TLJ18, TS06, VBPP05, WSH+16, WJ19, WTB07b, XWCH15, XCLT14, YWS+11, YM16, ZHRB13, ZRB14, LAM+11]. **Transferring** [HLR+17, WAM02]. **Transfiguring** [KS16]. **Transform** [GSC+15, LWS+15, PP04, Pag98, AKZ+17, BHY15, GO11, HJ11b, PSG+06, YHCC18]. **Transformation** [NN90, YYL+19, DYT05, WKR99, WGT+05]. **Transformations** [BSB16, NN90, Pat85, Pat87, Tur82, Ale02, BSB17, CPS11, JBK+12, LSS+17, Spr82, VMW15]. transformed [HDHN16]. transformer [FYK10]. **Transforming** [XZM+18]. **transforms** [LMAH+18]. **Transfusive** [VJHS12]. **Transient** [IH20, LRT+14, BL15, HHGH13, JMM+14, OHX+14, PKKH15]. **Transition** [SYSP14]. **transitions** [BLA12, DDD+14, WB08]. translating [CLD+13]. **translation** [CLY18, FTP03, HPP05, WSS+19]. **Translational** [LW15]. **translucency** [BATU18]. **Translucent** [BAU15, RT90, DI11, DJ05, GXZ+13, GLL+04, HV04, JB02, PRJ+13, WTL05, WZT+08a]. **transmission** [AAR05, KV05, MP04]. transparent [SOA11, WZQ+18, YTBK11]. **Transport** [BJNJ18, DKS14, LR15, SHS+18, BJ17, BvDPH11, BPC16, BC19, DHS+05, GKDS12, GLDZ15, HPJ12, HKD14, Hac18, IZT+07, JM12, KHD14, KGH+14, LCCS18, Leh07, LST+08, LKL+13, Lip18, MSRB07, MCK+17, MRK+14, MGJ19, NG18, NSCL08, OK10, ORK12, OHX+14, OHHD18, Pan17, PML+09, QSH+15, RJJH18, SNM+13, SHS+17, SOHK16, SV19, VKS+14, VK16, WDT+09, dGBD12, LLR+15]. **transport-based** [SV19]. **transportation** [SdGP+15]. **traversal** [BAM14, NPP+11, PBvDP15, SNCH08, WIK+06]. treatment [BFA02, HVTG08, KKS]. **Tree** [Shn92, WLX+18, AMA+19, BO04, CNX+08, LY0+10, LPS+11, MGT+03, NF0D7, PHL+09, PND12, PSSK+12, PNH+14, PJH+17, TSW+07, TXF+08, XLJ+09, ZHWG08, JP04]. **Tree-Maps** [Shn92]. **tree-modeling** [NF0D7]. **TreeJuxtaposer** [MGT+03]. **treemaps** [BSW02]. **trees** [AGDL09, DV03, DIP+18, LBAD+06, LDS+11, LMPB+13, PSSK+12, PNH+14, RMD04, XGC07]. **triage** [CYW+16]. **Triangle** [LS00, SS10b, ULP+15, AFSC20, CSN+12, GLRL11, LKZW10, PPW18, QHY+16, SNN07, SW05, SOA11, SS08, SG1C18, SP04, WZHB09].
triangle-oriented [QHY+16].
triangle-quad [PPW18]. triangle/quad [SW05]. Triangular [Sar00, FKY+10, JSW05, Lip12, PU06, YHB05].
Triangulated [RS14b, HR05].
Triangulating [FM84, WS85].
Triangulation [CI84, EPO91, KLN91, dFP95, FAB+18, HSG+19, LPS+13].
Triangulations [Kal14, LFXH17, Pet01, SG01, dGMM14, Ale19, ILSS06, MMdGD11, SSC19a].
trichromatic [RZK11]. trigonometric [PKHK15]. trilinear [Csé19]. trimmed [GBK05, SFL+08].
trimming [GBK05, SF90]. Trip [Pra89]. Triple [NRH04, SR09]. triple-product [SR90].
TriWild [HSG+19]. trouble [DBWG15]. True2Form [XCS+14]. truly [MMG06].
truss [SHW02]. tuner [CLD+13]. tunnel [DLSCS14, She13]. turbulence [CQD+18, KTJG08, KTT13, MBT+15, NSCL08, PTSG09, PTC+10, SKN18].
Turning [BLCD02, SSJ+11, WX91]. tutorials [GAL+09]. Tutte [AL15, AL16, AKL17]. TV [MP04].
twice [YRPF09]. twilight [HMS05]. Twistable [JS11]. Twister [LKG+03b]. twisty [SZ15].
Two [AWL15, BPD06, Gla90, Las90, LD13, RMSG+08, SJ94, SG11, TFD+18, THG99, ZLW+18, ZSCM17a, ZSCM17b, BB12, Gal99, HP17, HFG+18, IGLF06, LWS02, LKG+03b, MDB+19, NA+18, NGL10, NO13, RRC+16, WAH+10, XNY+16].
two-continua [NO13]. Two-Dimensional [Gl90].
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, HFG+18, NGL10]. Type [LDW97]. typefaces [Sha03].
UAVs [XDF+19]. ubiquitous [LGK+16]. UIMS [Hil86, SG91]. ultra [TTT+17, VLD+13]. ultra-fast [TTT+17].
unconstrained [YSN+18]. uncontrolled [WVB+12]. Understanding [GZX+13, PKH+17a, PKH+17b, SN17, XADR12, HOM15, LRT+14, NX12, SMZ+14].
unity [OBA+03]. universal [CLP+18].
unknown [DCP+14b, XDPT16, XZY+17]. unlabeled [XWC15]. Unmixing [AAPS16, AASP17b, AASP17a, AAPS17].
Unmixing-Based [AASP17b, AASP17a].
UnMousePad [RP09]. unordered [SSS+08]. unorganized [HLZ+09].
unpaired [CLY18, GYQ+18]. unparameterized [gDGPR02].
unreinforced [PBSH13]. unseen [SMZ+14]. unsharp [LCD06, RSI+08]. Unstructured [BBPP10, NLGK18, PKC+16, TKKT12].
Unsupervised [HFW+19, SVKK+11, WSH+16, FYW+18, HWH+18].
Unsynchronized [MCT15]. Untangling [BBK03, BRB+19]. Unwrap [RAKRF08].
upsampling [FF11]. Urban [GDAB+17a, VLA15, YWWV13, AVB08, CMZP14, GDAB+17b, KFWM17, KCYW13, NSZ+10, NGDA+16, SHFH11, SMGH18, VABW09, VGDA+12, ZSW+10]. Use
RvE93, RO94, SG91, GB08a, HRE+08, KKB+11, LZC11, Obs84, PCLC16, PTG02, SH08, WPC+14, ZZZ+17. **User-assisted** [BP09, BPB13]. **user-configurable** [GB08a]. **User-configurable** [Pel05]. **user-created** [HRE+08]. **User-guided** [BBPD12, ZZI+17]. **User-interface** [RvE93]. **user-specified** [WPC+14]. **users** [KP09, KP10]. **Using** [BIW93, BBB+93, BJN18, BN90, CGM91, CSS96, DNZ+17b, DGH16, Duf17a, DKD+17a, EC93, Fat14, GF82, GXY+17a, HCOB10, HGM14, Hud94, HWZ+20, IH20, JGN16, KL17a, KL91, LLK+19, LLN+14, LH17a, MHS+19a, MNHT15, PMHD19, RLY+14, SDN18, ST16, SG17, SHD+14, SHS+18, SBN15, Spr82, TSLP14, TB87, VMKK00, WK95, War92, XZ18, XLB15, YZW+16, YCP16, ZB94, ZWK14, Aga07, ARNL05, ALK+17, AZB09, AYL+12, ABA02, ACSM12, ASL+17, AAM03, BCT15, BKGK17, BS14, BWSS09, BCN08, BP08, BdSP09, BGAM12, BAM13, BKKL15, BBO91, BHH+11, Bel18, BM05, BBG16, BBG+13, BBB+14, BL15, BDK+16, BWKS11, BvdPP11, BPC16, BNST07, BFK+16, BSEH18, CHWH17, CK14b, CB04, CI97, CH07, CKS+17, CNX+14, CLW+14, CBW+18, CM11, CPWAP08, CLQW08, CWL12, CSL03, CS09, CJN+17, CK11, DNZ+17a, DSB+12, DH96]. **using** [DLF12, DZS08, DYN03, DIO+12, DZX09, Duf17b, DDP09, DKD+17b, EKD+17, EB08, FXB16, FBF+10, Fat09b, Fat11, FLB17, FKY08, FSH11b, FC07, FLSG14, GJTP17, GGC+13, GLA+19, GFT+11, GLDZ15, GWG+19, GNS+12, GF12, GKF+05, GBAM11, GJW14, GXY+17b, HJJ11a, HTC+14, HET+14, HRL15, HE07, HHTG13, HLR+14, HDN+16, HSS98, HSTP11, HLHR09, HSHF10, HMLL14, HMLL15, HZZ11, HLBR12, HAK14, IOO105, JKS13, JL11a, JNSJ11, JTL+12, JZW+15, JWD19, JCRA11, JMA06, JKZS10, JMA10, JZvdP+08, KLB17b, KCCW+18, KT03, KGS+18, KSES14, KM10, KLM+12, KLF+19, KSE+03, LJS+15, LLDD09, LHRK10, LWH+11, LCX09, LRR04, LCTS05, LFZ10, LDO14, LGX+13, LZZM10, LL+12, LHZ16, LVS+16, LW17, LDP17, LRFH13, LWO19, LXW+11, LCK+14, LH17b, LH18, LSCS14, LB05, LH04, LEQ+07, MJC+08, MTP+18, MLR+14, MWBR13, MPN+02, MZD05, MTPS04]. **using** [MRA+13, MSL+11, MB12, MS04, MM06, MWM08, MDLH10, MWT13, MGT+03, MAB+15, MHR+16, NYY04, NSX+18, NZV+11, NSC08, NKG06, NF07, NR03, NL13, NZS13, OLAH14, PZM13, PBH15, PRJ+13, Par17, PCSS06, PMS12, PTMD07, PL07, PBvdP15, PBvdP16, PBVY17, PYY+18, PSTG09, PTC+10, PGZ+19, QZG+19, RFT+04, RAT06, RNd+07, RGB16, RWS+06, RDL+15, RKB04, RKZ11, RRBB+13, SHM+18, SMH+11, SW85, SNCH08, SW06, ST14, SvTSH14, SED16, SBSS12, SAL+08, SWT14, SHS+17, SQA11, SHK+14, SHM+14, SGG+06, SLWS07, SRL+15, TMRL14, TK14, TZX+11, TGB13, TZN19, TS06, TYY+19, TT09, UBW99, VABW09, VBP+09b, WIK+06, WBS07, WHSG97, WZT+08a, WHDK12, WYY+14, WLL+14, WSX16, WZK+17, WMB19, WG09, WZC12, WHLR12, WMP+06, WJV+05, WM03, WGP+10, XLJ+09, XWW+14, XSBZ15, YCR+15, YL10, YJ12, YJ+14, YYW+12a, YBY+13, YT13, YCH15, ZRLK07, ZJMB11]. **using** [ZF03, ZHS+05, ZRL+08, ZTF+18, ZKU+04, Zit13, ZNI+14]. **UV** [HDC07, PTH+17, Tar16]. **UV-maps** [Tar16].

v [LJGH11, Mir98]. **V-Clip** [Mir98]. **v-style** [LJGH11]. **valid** [FP03, UMI12, WMC11].
validated [FCGH08, GWM+08]. validity [SSM15]. valley [OBS04]. value [HF06, JSW05, LJJH13a, TMB18]. values [KABL14, LFUS06]. variability [KMYG12, OLGM11, ROA+13]. variable [ZF03]. variable-coefficient [ZF03].

Variance
[HZE+19, MCK+17, PSC+15, SK13].

Variance-minimizing [MCK+17].

variant [BS09, WTL+06a, ZZV+03].

variants [LL19].

Variation
[MGDA+15, LBJK09, MLH+09, XYYJ12].

Variational
[ACSYD05, BCW09, CSAD04, FSK04, HCJ19, LBB17a, Sar00, SC18b, ZZWC12, BBQ07, DK09, GWAB19, KS98, LMH+15, MMDD07, SHM+18, WP10, YY17].

Variations
[BS09, 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, AXZ+15, BJ10a, BHR13, BB17, BKCO16, BATU18, DRvdP15, DWP+10, DTPG12, DCP+14b, GTR+06, HED05, HMP+08, LXR+18, MAG+09, MAG+09, TDMS16, TDG18, WRG+09, XDPT16, XZJ+17]. Vax [Lev84].

VDB
[Mus13]. VDP [MRKH11]. Vector
[AOCBC15, BSEH18, CM83, DRvdP14, DRvdP15, LTTD16, SSC19b, SWWW15, WZYG10, ZMT06, vFTS06, BKKL15, BBG12, EBJ+06, EPD09, FSH11a, FSDH07, GLDHN14, GOL85b, LMPB+13, NH08, OBV+08, TLHD03, WTW+06, WYZG11, ZJL14].

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

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

velocimetry [XIAP+17]. Velocity
[Erl07, GNS+12, SS11, XIAP+17].

Velocity-based [Erl07]. velocity-vorticity [GNS+12]. Venant [BJ05, KTY09].

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

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

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

Vertices
[YCP16, BDD11, LKZW10].

vertices-based [BDD11].

Very [JGC+15].

Via [Pra89, AMZ99, AAPS16, AAPS17, ALX+14, ARS14, BPK+13, BHR13, BVS16, BS19, Bou18, CCLW18, CYT+18, CPS13, DGMH+13, ED04, FYW+18, Fat07, FCW+17, GGY18, GPHSH19, GZC15, HW+19, HS13, HCS13, HvKW+16, HW+18, HSS+13, HCW15, HUK15, HXY+18, IYYI14, JBM+17, JW15, JKT+15, KEE13, KAE20, KYS+15, KSS06, KJDL09, KTL+04, KLPCP18, LMLH07, LSQ+15, LVS18, LCRL07, LSVT15, MK+16, MGA+17, MIB15, OBS04, PCLC16, PO18, RBvB+04, RPWO18, SGM12, Sutr13, SBK+18, SPSH+17, SwKK+11, SOHK16, SLMR14, TGL17a, TGL17b, TEG18, TWB03, THW+14, WYL+14, WLY+16, WLT16, WSS+19, WPL18, WTB07b, XZJ+14, XLXJ11, XXYJ12, XCS+14, ZJX+13, ZYL+17]. vibrating [BF12].

Vibration [HXX+19, JBP06].

Vibration-minimizing [HXX+19]. Video
[AČMS10, BDG15, BJS+08, BGSF10, Bea88, BM05, BNTS07, CLW12, CK20, CAC+02, DSJ+11, FJA+14, GZC+16, GF12, HXZ+19, HSLH18, JSJ15, LLK+19, LSS05, LHM+18, LXC+15, PCSS06, RKS+14, ST04, SBHS18, SDgA+10, VSH12, WXS04, WMZ+13, XLS+11, XZC+18, AZP+05, ARX09, AGB+16, ASC+14, BWS09, BARR12, BBPP10, BM07, BLA12, BSHK04, BZCC10, BSP13, BST+14, BTS+15, CTMS03, CCS+15, CM10, CSRP10, CWTW17, DRW+14, DCD15, FZL+15, FL11, FAC11, FF11, FTZ+19, GVWT13, GZW+16, GO11, GCSS06, GWN+03, GB08b, HKAK16, IBP15, JST+19, JLF+09,
JMA06, KSB+13, KUWS03, KC19, KGT+18, KWB+15, KDMW17, Kop16, KLHG09, KPB+12, KSE+03, LDTA17, LDS+11, LJH13b, LYGC15, LFIH15, LGJA09, LGW+11, LYTS13, LWCT14, MKMS04, MEMS06, MCE+17, MMP+05, MZRT16, PCHF18, RAKRF08, RTS+07, RSA08, SSRB+17, SLT08, SMPR07, TKTS11, TKKT12, Van06, WRDF13. **video** [WBC+05, WFS+09, WLSL10, WHSL11, WZK+17, 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]. **videography** [XYH+18, ZMN+19].

**VideoMocap** [WC10]. **videorealistic** [EGP02]. **Videos** [LXZ+19, MUH19, TLWT19, BDG15, BBPP10, CWW+13a, JTST10, KCS14, LLZ18, MTM16, MGC+19, MNB07, PKM+18, SWTC14, SBLD15, TAT+18, WLZ+09, WSZ+14]. **Videoscapes** [TKKT12]. **VideoSnapping** [WSZ+14]. **VideoTrace** [vdHDT+07]. **Vidgets** [XBN19]. **View** [Gla90, HNH19, PVY90, WBF+17a, WWT+09, YPA+18, CWW+12, DS AF+13, DFL+15, DDD+14, FZBR16, GAF+10, HHC18, HMLL15, HWK15, KWR16, Kont16, KYC+17, LACS08, LAGP09, LTA+18, MLR+14, MSOC+19, NMD+17, NOP+18, NZV+11, ODAO15, PZ17, PGZ+19, SHL+17, VBK05, VBMP08, VBP+09b, WBF+17b, WLH+13, XLS+11, XLS+16, XBS+19, ZCW+17, ZTF+18, ZKU+04, dAST+08].

**View-dependent** [WWT+09], **view-enhanced** [DFL+15], **viewer** [NYY04], **viewers** [SLV+13], **viewfinder** [BPK+13]. **viewing** [FKN17, KUDC07, KNC+08]. **Viewpoint** [HNH19, AAC+06, CTMOS03, CCS+15, HPP+18, SLF+11, TFK+03]. **views** [HMC11, WOQS05]. **Virtual** [ACP+01, DFYL19, HKWB09, HC86, NNDJ12, TFS+18, WBF+17a, WBF+17b, ALY08, AGB+16, BM05, DKB+10, DdI18, EVC+15, EAPL06, HMO12, HRZ+13, KDMW17, KKB+11, KOOP11, LSL+18, LCL06, LNWB03, MK17, MBB12, MIWB02, MBF04, OEE+18, PSK+16, RRS19, SMG+05, SSRB+17, SSC10, SBK11, SWK16, SPW+18, TGD04].

**VirtualStudio2Go** [GB08b]. **viscoelastic** [BGFAO17, FLGJ19, GBO04, WO08].

**viscoplastic** [BHHT07]. **viscosity** [GWAB19, LBB17a, NSS+19, PICT15].

**viscous** [BUAG12, BAV+10, LBB17a, VRBC18].

**viseme** [ELFS16]. **Visemenet** [ZXL+18].

**Visibility** [ASL+17, SS00, Wll92, BGAM12, BMW+09, DSDD07, DD02a, DDP09, EDP09, GBAM11, HJ11a, KTB01, LCO03, MKRH11, MGT+03, RAM12, WWZ+06].

**Visibility-consistent** [ASL+17]. **Visible** [SG82, WGY+18, WSS5, HCD07].

**Visio** [MPK09]. **Visio-lization** [MPK09].

**Visual** [ASL+17, SS00, Wll92, BGAM12, BMW+09, DSDD07, DD02a, DDP09, EDP09, GBAM11, HJ11a, KTB01, LCO03, MKRH11, MGT+03, RAM12, WWZ+06].

**VisionWand** [CB04]. **Visual** [CXW+05, DA18, JGC+15, LYY+17, MGDA+15, NYMI19, PKD+19, RFWB07, SBLD15, VMK00, W95, YPG01, AR14, BB15, DRW+14, DK9, DMHG13, DDD+14, EML+18, GSC012, HWBR14, KRF+18, KSS17, LW08, MKRH11, MWH+09, ODG03, POAR12, PCLC16, SC5+08, SMH16, SMGE11, WWS+05, YPB16, YCL+17, ZLE14]. **VisualIDs** [LRF04].

**Visualization** [Sha92, BD09, CKPS17, CGG+04, DPK11, GCSS06, GGT07, HTER04, HZG09, NHA03, RFL+05, WKR99, WVO2, WVO9].

**Visualizing** [HFK94, KK91, WF96, KGFF14, VW13].

**Visuomotor** [EHSSN20, YLNP12]. **Vivace** [FTP16]. **VizGen** [YPB16]. **VNecker** [MSS+17]. **VoCo** [JMS+17]. **voice**
Volume-encoded [Tar16]. Volumes
[SVB17a, CPS15, KHLN17, LAA+05, 
LSS+19, Mus13, PRK+17, PSF09, SOA11, 
SVB17b, WYZG11, ZHRB13]. Volumetric
[DPW15, MJJG18, OKH+16, ONIO14, 
RMD04, TSNI10, ACA+19, BCRK+10, 
BJ17, CBI13, DJBJ19, DDF+17, FLP14, 
GKH+13, GWB05, GHV+18, HR13, JNSJ11, 
KGB+09, KGH+14, LYP+18, LSCS14, 
MCK13, NJS+11, PSN13, SMH+18, 
XFTC18, ZJMB11, ZHS+05, ZDI+15]. 
Voronoï [LL10, BldG+16, GS85, LWL+09, 
LX+16, LXH17, MDL16, MHS18, 
RSL18, SGG+06]. vortex
[DBWG15, PTG12, SRF05, WP10]. vortices 
[GGT17]. vorticity [GNS+12, ZBG15a]. 
vorticle [Ang17]. voting [LF09]. Voxel
[YLJ18, KSA13, NZIS13]. voxelization 
[SS10a]. voxelized [SKOA14]. voxels 
[GM05, LLMZ16]. VR
[OLSL16, BSBH18, WSS+19]. vs [FLB16].

Walk [HZE+19]. Walking
[DFYL19, CBYvdP08, CBvdP10, DFZ+17, 
SPW+18, WFF09, WFH10]. Walks [PM95]. 
wall [AHM+15, BTYN+08]. Wallpaper
[WSH19]. wand [CB04]. Wang 
[CSDH03, KCODL06, LD06, LEQ+07]. 
Warp
[GSZ+18, ZIT+19, LKG+03b, WLSL10]. 
Warp-and-project [ZIT+19]. 
Warp-guided [GSZ+18]. WarpDriver 
[WLP16]. Warping
[LKE18, ATDP11, HCS13, LSC+12,NFL12, 
VPB+09a, VBBF16]. warps 
[CA09, CDSHD13, LGJA09, MJBF02]. 

Wasserstein
[BPC16, QCHC17a, QCHC17b, SdGP+15]. 
Water [JW15, JW17, JSMF+18, WMT05, 
BNK10, CMT+16, CM11, EB14, EMF02, 
GSLF05, IGLF06, LZJ16, LGF04, NOZ13, 
SB12, SHW19, SRF05, SSK05a, TGK+17]. 
watercolorization [BNTS07]. Watertight
[SFL+08]. Wave [JW15, LWO19, MRA+13, 
TB87, YMR+13, YHK07, AR15, CMT+16, 
CQD+18, JW17, LGX+13, LGK+16, 
RSM+10a, RS14a, RTK+15, SHW19, 
WQLJ18, WVJH17, YHW+18, ZHLB10]. 
Wave-based
[LWO19, MRA+13, WQLJ18, ZHLB10]. 
wave-optical [WVJH17]. Wave-ray 
[YMR+13]. Wave-Tracing [TB87]. 
Wavefront [JW15, QHY+16]. Wavelet 
[CJAMJ05, CD05, KTJG08, NRH03, 
NRH04, ODR09, SM06, SR09]. Waves 
[CSS96, Fat09a, JSMF15, LF08]. Waves 
[TB87, NSB13, SHL+17]. way 
[HFG+18, LTJ18, NGL10, RMSG+08]. weak 
[SZB18, ZLB16a]. weakly [SSK+17]. 
weakly-supervised [SSK+17]. weaknesses 
[CHM+12]. wearable [ZSZ+14]. Weather 
[GDAB+17a, GDAB+17b]. weathering 
[BKCO16, BLR+11, CXW+05]. Weaving 
[VZF+19, ACXG09, CK14b, STP12]. web 
[PCLC16]. Webcam [LEN09]. Weight 
[BL18, LD13, LSZ+14]. Weighted 
[DSZ17, Fol87, MCY14, PBDS13, 
dGMM14, WYL+14]. weights [JBPS11]. 
well [CSD+09, VSK+17]. Wetbrush 
[CKIW15]. wheels [GP+18]. Where 
[CGL+08]. while [LSL+16]. Whippletree 
[SKB+14]. White 
[HHX+18, BBP12, HMP+08, LYC18]. 
White-Box [HHX+18]. wide 
[CA09, MLR+14, NYO4, SHL+17, SLL19, 
TAV+10]. wide-angle 
[CA09, SLL19, TAV+10]. widgets 
[BL15, XBZN19]. wiggling [KySK09]. 
wiggly [KA08]. Wikipedia [RMBB+13]. 
Wid [SSSH17, BBS14b, HZG+18, RRF17].
REFERENCES

wind [AR15, SWT\textsuperscript{+17}, UPSW16]. wind-up [SWT\textsuperscript{+17}]. winding [BD\textsuperscript{s+18}, JKSH13]. Window [HC86, SG86, Wes88, BG84]. Window-Based [HC86, Wes88]. Windy [PNH\textsuperscript{+14}]. Wire [GSFD\textsuperscript{+14}, HHC18, ILB15, LCL\textsuperscript{+17}, XKCB18]. wired [Xu18]. wireframe [WPGM16]. wireless [ICG17, RB\textsubscript{v} B\textsuperscript{+04}]. wires [LFZ18]. within [MCSA15, PKCH18, SSC10, WWOH08]. without [FKN17, MYWI15, PGML\textsuperscript{+19}, SLV\textsuperscript{+13}]. wood [LDHM16, MWAM05, PJH\textsuperscript{+17}]. words [BBGO11, SQRH\textsuperscript{+16}]. work [MYY\textsuperscript{+10}]. workbench [Ano03]. workflows [DTP15]. workloads [SKB\textsuperscript{+14}]. works [KLY\textsuperscript{+14}]. works-like [KLY\textsuperscript{+14}]. Workspaces [HC86]. World [SBSH18, ALY08, DvGNK99, HZ82, RB\textsubscript{v}B\textsuperscript{+04}, SGSS08, WRS\textsuperscript{+12}]. WorldBrush [EVC\textsuperscript{+15}]. worlds [EVC\textsuperscript{+15}, TJ07, YYW\textsuperscript{+12a}]. Worst [McK87, PRZ17, ZPZ13, SZB18]. Worst-case [McK87, PRZ17, ZPZ13, SZB18]. Woven [GHCG17, CLMM014, IM12, ZJMB12]. WrapIt [ILB15]. wrapped [ILB15]. wrinkle [RK13, WHRO10]. Wrinkled [HSF07]. wrinkles [RPC\textsuperscript{+10}]. wrinkling [RPC\textsuperscript{+10}]. writing [PGML\textsuperscript{+19}]. WYSIWYG [BPK\textsuperscript{+13}, KMM\textsuperscript{+02}].

X [IYY14, PKLI\textsuperscript{+19}, SG86]. X-ray [IYY14]. X-Shells [PKLI\textsuperscript{+19}]. x\textsuperscript{86} [SCS\textsuperscript{+08}].

Yarn [CLMM014, KJM08, KJM10, LWS\textsuperscript{+18}, YKJM12, ZLB16b]. yarn-based [KJM10]. Yarn-level [CLMM014, LWS\textsuperscript{+18}, YKJM12]. Year [Ano90b]. yields [FV96]. YIQ [SCB87].

Z [JLB05]. Z-buffer [JLB05]. Zero [HZE\textsuperscript{+19}]. Zero-Variance [HZE\textsuperscript{+19}]. zip-pables [SPSH18]. ZoeMatrope [MIWI16]. zonal [NSF12]. Zones [RV89]. zoom [BGKS17, BGSF10]. Zoomorphic [DYYT15].

References

Adamson:2006:PSC

Alexa:2009:IPS

Agarwala:2006:PLS
REFERENCES


[Akinci:2013:VST] Nadir Akinci, Gizem Akinci, and Matthias Teschner. Versatile surface tension and ad-

Abhyankar:1989:APR


Alexa:2008:SS


Andujar:2002:TRS


Ayala:1985:ORM


Azevedo:2016:PGT


Ament:2014:RRT


Achar:2017:ETF

Supreeth Achar, Joseph R. Bartels, William L. ‘Red’

**Acar:2007:LSD**


**Araujo:2019:SSS**


**Azencot:2017:CFC**


**Abhyankar:1990:IIA**


**Assa:2005:ASP**


**Aydin:2010:VQA**


**Aristidou:2018:DMM**

Andreas Aristidou, Daniel Cohen-Or, Jessica K. Hod-


REFERENCES

ISSN 0730-0301 (print), 1557-7368 (electronic).

**Allard:2010:VCC**


**Arikan:2003:MSA**


**Arikan:2005:FDA**


**Akyuz:2007:DHD**


**Attene:2003:SRT**


**Au:2007:HAI**


Apitz:2005:CCB


Agarwala:2007:EGD


Anderson:2016:JVR


Adams:2009:GKT


Aanjaneya:2017:PDS


Andersson:2015:MDC


Auzinger:2018:CDN

Thomas Auzinger, Wolfgang Heidrich, and Bernd Bickel. Computational design of nanostructural color for additive manufacturing. *ACM
Ahmed:2015:APP


Alexa:2017:ODSa


Alexa:2017:ODSb


Ali-Hamadi:2013:AT


Adib:2015:CHF


Agarwala:2004:KBT


Akinci:2012:VRF

REFERENCES

Atcheson:2008:TRC


Adams:2010:FEP


An:2012:MDC


Abdrashitov:2020:SEP


Amenta:2004:DPS


An:2008:OCE


Aigerman:2017:SOT


Aberman:2017:DTS  

Aigerman:2013:IBD  

Aigerman:2015:OTE  

Aigerman:2016:HOT  

Alexa:2002:LCT  

Alexa:2019:HT  

Aksit:2017:NEV  
Anderson:2017:AED

Aberman:2018:NBB

Alhashim:2014:TVS

Aliaga:2008:VRS

Alexa:2010:RI

Adams:2019:LOH

Aiger:2008:PCS


Alberto S. Aguado, Eugenia Montiel, and Ed Zaluska.

**Anderson:1982:HLE**


**Anderson:1983:TRP**


**Angelidis:2017:MSV**


**Ahmed:2017:APS**


**Anonymous:1982:IA**


**Anonymous:1983:IA**


**Anonymous:1984:IA**


**Anonymous:1985:AI**

Anonymous:1985:CP

Anonymous:1986:IA

Anonymous:1987:IA

Anonymous:1988:IA

Anonymous:1989:IA

Anonymous:1990:C

Anonymous:1990:FYC

Anonymous:1990:IA

Anonymous:1992:A1

Anonymous:1992:CP
Anonymous:1993:AI

Anonymous:1994:AI

Anonymous:1995:AI

Anonymous:1996:AI

Anonymous:2003:AAC

Anonymous:2010:AAP

Akbay:2018:EPM

Azencot:2015:DDV

Aksoy:2018:SSS
REFERENCES


REFERENCES

Arev:2014:AEF


Allen:2015:AFI


Agarwal:2003:SIS


Avidan:2007:SCC

Shai Avidan and Ariel Shamir. Seam carving for content-

Agrawal:2005:RPA


Aubry:2014:PMA


Ashikhmin:2002:SIT


Avidan:2007:SCC

[ASA+09]

[Aydin:2014:TCL]

[Arikan:2013:SOB]

[Avron:2010:SRS]

[Anguelov:2005:SSC]

[Akhter:2012:BSB]

[Aroudj:2017:VCT]
Samir Aroudj, Patrick See- mann, Fabian Langguth, Ste-
fan Guthe, and Michael Goe-
sele. Visibility-consistent thin
surface reconstruction using
multi-scale kernels. ACM
Transactions on Graphics, 36
2017. CODEN ATGRDF.
ISSN 0730-0301 (print), 1557-
7368 (electronic).

[ATM+17]

Asente:2007:DPM

Paul Asente, Mike Schuster,
and Teri Pettit. Dynamic pla-
nar map illustration. ACM
Transactions on Graphics, 26
CODEN ATGRDF. ISSN 0730-
0301 (print), 1557-7368 (elec-
tronic).

[ASP07]

Au:2008:SEM

Oscar Kin-Chung Au, Chiew-
Lan Tai, Hung-Kuo Chu,
Daniel Cohen-Or, and Tong-
Yee Lee. Skeleton extraction
by mesh contraction. ACM
Transactions on Graphics, 27
CODEN ATGRDF. ISSN
0730-0301 (print), 1557-7368
(electronic).

[ATC+08]

An:2011:ARM

Xiaobo An, Xin Tong, Jonathan D.
Denning, and Fabio Pel-
lacini. AppWarp: retar-
geting measured materials
by appearance-space warp-
ing. ACM Transactions
on Graphics, 30(6):147:1–
147:??, December 2011. CO-
DEN ATGRDF. ISSN 0730-
0301 (print), 1557-7368 (elec-
tronic).

[ATDP11]

Arabadzhiyska:2017:SLP

Elena Arabadzhiyska, Okan Tarhan
Tursun, Karol Myszkowski,
Hans-Peter Seidel, and Piotr
Didyk. Saccade landing
position prediction for gaze-
contingent rendering. ACM
Transactions on Graphics, 36
CODEN ATGRDF. ISSN 0730-
0301 (print), 1557-7368 (elec-
tronic).

[ATM+17]

Ando:2013:HAL

Ryoichi Ando, Nils Thürey,
and Chris Wojtan. Highly
adaptive liquid simulations on
tetrahedral meshes. ACM
Transactions on Graphics, 32
CODEN ATGRDF. ISSN
0730-0301 (print), 1557-7368
(electronic).

[ATW13]

Angles:2017:SBI

Baptiste Angles, Marco Tarini,
Brian Wyvill, Loïc Barthe,
and Andrea Tagliasacchi.

[ATW+17]


0730-0301 (print), 1557-7368 (electronic).


<table>
<thead>
<tr>
<th>Reference</th>
<th>Title</th>
<th>Authors</th>
<th>Journal</th>
<th>Volume, Issue, Pages</th>
<th>Year</th>
<th>DOI</th>
</tr>
</thead>
</table>

References:
REFERENCES

ISSN 0730-0301 (print), 1557-7368 (electronic).

Ben-Artzi:2008:PPR


Bar:2019:MCF


Baker:1994:CIA


Barringer:2013:AAA


Barringer:2014:DRS


Ben-Artzi:2006:RTB


Barth:1986:OOA

REFERENCES

toc/Abstracts/0730-0301/22951.html.


REFERENCES


Belcour:2017:PEM


Bickel:2007:MSC


Bartels:1993:ECS


Batty:2007:FVF


Beeler:2010:HQS


Brochu:2010:MFS


Bermano:2014:FPE

Amit H. Bermano, Derek Bradley, Thabo Beeler, Fabio


Amit Bermano, Thabo Beeler, Yeara Kozlov, Derek Bradley, Bernd Bickel, and Markus Gross. Detailed spatio-temporal reconstruction of eyelids. *ACM Transactions on Graphics*, 34(4):44:1–44:??, August 2015. CODEN ATGRDF. ISSN 0730-
REFERENCES


[Ivaylo Boyadzhiev, Kavita Bala, Sylvain Paris, and Frédéric]

Ballan:2010:UVB


Bassett:2013:AAP


Belfour:2014:LFA


Bell:2014:IIW


Barrett:2002:OBI


Bargteil:2014:ADB


Ben-Chen:2018:SDN

Bonneel:2019:SSP


Bern:2017:IDA


Bommes:2013:IGM


Ben-Chen:2005:OSC


Benard:2013:SAE


Bando:2008:EDM


Baran:2010:HVS


Bacher:2015:LIL

REFERENCES


Bessmeltsev:2015:MCC


Bright:2017:HGP


Ben-Chen:2009:VHM


Bajaj:1995:MCP


Borning:1986:CBT


Benson:2002:OT


Brooks:2002:SSB

REFERENCES


REFERENCES

CODEN ATGRDF. ISSN 0730-0301 (print), 1557-7368 (electronic).

Barbic:2009:DOA


Bala:1999:RIA


Bonneel:2008:FMS


Busaryev:2013:AFS


Busaryev:2012:ABI


Beatty:1988:VAT


Beatty:1991:ENE

Brochu:2012:EGE


Brandt:2018:HRP


Belcour:2018:ERL


Bergeron:1982:EIIa


Berthouzoz:2012:REV


Buss:2001:SAA


Burns:2008:ACC

REFERENCES


REFERENCES


Barringer:2012:HQC


Borgeat:2005:GID


Barreiro:2017:CCE


Band:2018:PBI


Berthouzoz:2013:PSP


Baek:2016:BSI


Badki:2017:CFZ

REFERENCES


[BHN98] Chandrajit L. Bajaj, Robert L. Holt, and Arun N. Netravali. Rational parametrizations of nonsingular real cu-


Sai Bi, Xiaoguang Han, and Yizhou Yu. An $L_1$ image transform for edge-preserving smoothing and scene-level intrinsic decomposition. *ACM Transactions on Graphics*, 34(4):78:1–78:??, August 2015. CODEN ATGRDF. ISSN 0730-0301 (print), 1557-7368 (electronic).

REFERENCES


REFERENCES

2017. CODEN ATGRDF. ISSN 0730-0301 (print), 1557-7368 (electronic).

Borosan:2012:RAR


Bitterli:2018:RJM


Barnes:2008:VPP


Baek:2018:SAP


Bronsvoort:1985:RTG


Bronsvoort:1987:CRT


Botsch:2004:IFR

Mario Botsch and Leif Kobbelt. An intuitive framework for


Bi:2017:PBO


[BKR17]

Bickel:2012:PFC


[Bickel:2012:PFC]

Bernstein:2015:LUT


[BL15]

Bang:2018:SII


[Bang:2018:SII]

Berthouzoz:2012:TPC


[BLA12]

Bregler:2002:TMM


[BLC02]

Berthouzoz:2011:FCA

[BLDA11] Floraine Berthouzoz, Wilmot Li, Mira Doncheva, and Maneesh Agrawala. A framework for content-adaptive photo manipulation macros: Application to face, landscape, and

[BLDA11]
REFERENCES


 arrest


**Blythe:2006:DS**


**Bennett:2005:VEU**


**Bennett:2007:CTL**


**Biermann:2002:CPE**


**Bouaziz:2014:PDF**


**Bailey:2009:SGD**


**Bittner:2009:AGV**

REFERENCES

0301 (print), 1557-7368 (electronic).


[Brunet:1990:SRO]


[BO04]


[B钔的手:2010:MLD]]


[B&oacute;ss&omacron;au:2007:VWU]]

REFERENCES

0301 (print), 1557-7368 (electronic).

**Bailey:2018:FDD**


**Brown:2018:ADF**


**Boissonnat:1984:GST**


**Boubekeur:2018:SDA**


**Baran:2007:ARA**


**Barbic:2008:RTC**


**Bau:2012:RTF**


**Boyadzhiev:2013:UAI**

Bonneel:2016:WBC

Bae:2006:TST

Bousseau:2009:UAI

Bauszat:2017:GDP

Bischoff:2005:ARP

Bo:2011:CAS

Baek:2013:WCP
Bradley:2008:MGC


Borrel:1994:SCD


Brown:2007:GNR


Buffet:2019:IUR


Bitterli:2018:RTF


Ball:1988:CTP


Ball:1990:ICV

References

[Bessmeltsev:2019:VLD]

[Birklbauer:2016:NSD]

[Birklbauer:2017:NSD]

[Brouet:2012:DPG]

[Balzer:2009:CCP]

[Brandt:2018:MSV]

[Barnes:2009:PRC]
Connelly Barnes, Eli Shechtman, Adam Finkelstein, and Dan B. Goldman. PatchMatch: a randomized correspondence algorithm for structural image editing.
REFERENCES


Barbic:2012:IED


Bhat:2004:FBV


Bartle:2016:PDP


Bai:2012:SCO


Bernstein:2016:EDP


Bleser:1988:CSR


Breslav:2007:DPS

Simon Breslav, Karol Szerszen, Lee Markosian, Pascal
REFERENCES


Berger:2013:SAP


Bagher:2016:NPF


Bau:2019:SPM


Bonneel:2013:EBV


Baran:2011:MOC


Belcour:2013:CTE


Bratkova:2009:ARM

Margarita Bratkova, Peter Shirley, and William B. Thompson. Artistic rendering of mountainous terrain. *ACM
REFERENCES


Bonneel:2014:IIV


Boissonnat:2015:ADM


Bederson:2002:OQT


Bao:2013:PFV


Bansal:2019:AIL


Bansal:2019:AIL


Brown:2008:SHV


Bonneel:2015:BVT

[BTS+15] Nicholas Bonneel, James Tompkin, Kalyan Sunkavalli, Deqing Sun, Sylvain Paris, and


REFERENCES


Bako:2017:KPC


Bessmeltsev:2016:GPC


Bernstein:2013:PHH


Bargteil:2007:FEM


Baraff:2003:UC

ISSN 0730-0301 (print), 1557-7368 (electronic).

**Bokeloh:2011:PAS**


**Bouaziz:2013:OMR**


**Bergou:2008:DER**


**Baranoski:2005:SDA**


**Bokeloh:2010:CBP**


**Bokeloh:2012:AMP**


**Bai:2009:VSR**

REFERENCES


[BYRN17b] Laurent Belcour, Ling-Qi Yan, Ravi Ramamoorthi, and
REFERENCES


Barbic:2011:RTL


Bhat:2010:GGD


Bommes:2009:MIQ


Barnes:2015:PEP


iRibera:2017:FRA


Chen:2000:TAS


Carroll:2009:OCP

Robert Carroll, Maneesh Agrawal, and Aseem Agarwala. Optimizing content-preserving projections for
REFERENCES


Carroll:2010:IWA


Chuang:2002:VMC


Chapiro:2019:LAM


Cashman:2009:NEP


Chadwick:2009:HSP


Chang:2009:SAE


Chentanez:2009:ISS

Nuttapong Chentanez, Ron Alterovitz, Daniel Ritchie, Lita Cho, Kris K. Hauser, Ken Goldberg, Jonathan R.


REFERENCES


REFERENCES

Cao:2018:SRT

Cook:2005:WN

Cutler:2002:PAA

Chen:2014:RSE

Chaurasia:2013:DSL

Chen:2008:IPS

Chang:2015:PBP


Paolo Cignoni, Fabio Ganovelli, Enrico Gobbetti, Fabio Marton, Federico Ponzio, and Roberto Scopigno. Adaptive tetrapuzzles: efficient out-of-core construction and

Cordonnier:2017:ALC


Cole:2008:WDP


Chionh:1991:UMR


Chang:2011:FOB


Chen:2013:BBN


Chuang:2005:APS

REFERENCES

0730-0301 (print), 1557-7368 (electronic).

Chong:2008:PBC


Chung:1989:LIA


Carr:2002:MAR


Carr:2004:PD


Chai:2005:PAL


Chai:2007:CBM


Chosson:2014:BSR


Cuypers:2012:RMD

[CHB+12] Tom Cuypers, Tom Haber, Philippe Bekaert, Se Baek Oh, and Ramesh Raskar. Reflectance model for diffrac-
REFERENCES


Clara Callenberg, Felix Heide, Gordon Wetzstein, and Matthias B. Hullin. Snapshot difference imaging using correlation time-of-flight sensors. ACM
Cao:2014:DDE


Chazelle:1984:TSC


Castillo:1997:SCF


Chadwick:2011:AFS


Clarberg:2005:WIS


Choi:2017:HQH


Choi:2002:SRC


REFERENCES

acm.org/ft_gateway.cfm?id=3182157.


Coros:2011:LSS


Chern:2016:SS


Chern:2017:IFC


Chern:2018:SM


Chaitanya:2017:IRM


Chang:2018:TMD

REFERENCES

154

ISSN 0730-0301 (print), 1557-7368 (electronic).

Chen:2008:SRR


Cho:2009:FMD


Chang:1996:IST


Cao:2014:LHA


Chen:2013:SRTb


Chen:2018:FUB


Cirio:2016:CSS

References

November 2016. CODEN ATGRDF. ISSN 0730-0301 (print), 1557-7368 (electronic).


REFERENCES

DEN ATGRDF. ISSN 0730-0301 (print), 1557-7368 (electronic).


[CLY18] Kaidi Cao, Jing Liao, and Lu Yuan. CariGANs: un-


REFERENCES


Cohen:1987:NLB


Cook:1986:SSC


Coros:2018:SDC


Ciccone:2019:TSO


Cohen-Or:2006:CH


Cohen-Or:1998:TDD


Chen:2007:RTE

Jiawen Chen, Sylvain Paris, and Frédo Durand. Real-time edge-aware image processing with the bilateral grid.
REFERENCES


REFERENCES


Criminisi:2010:GIV


Christensen:1996:GIG


Calabrese:2016:CSC


Chen:2018:PSE


Chai:2016:AFA


Campen:2016:BMS


Campen:2020:SPA

REFERENCES


REFERENCES

Coros:2013:CDM

Clegg:2015:AHD

Chen:2004:STF

Chen:2009:NBI

Chen:2015:BDH

Chen:2017:GAL

Chen:2011:NRC
REFERENCES

Chen:2013:PSI


Cho:2012:VDH


Cao:2013:SRR


Wu:2010:TAB


Clausen:2013:SLS


Cui:2017:TSV


Chai:2012:SVH

REFERENCES

CODEN ATGRDF. ISSN 0730-0301 (print), 1557-7368 (electronic).


REFERENCES


Chen:2015:GMD


Chen:2015:DDP


Chen:2013:SEE


Chen:2016:SFD


Chen:2014:ANM

Xiang Chen, Changxi Zheng, Weiwei Xu, and Kun Zhou. An asymptotic numerical method for inverse elastic...

[CZZT12] 

Chu:2017:SCPa


[DA18] 

Chu:2017:SCPb


[DAB15] 

Chai:2014:RMI


[DAD+18] 

Demir:2015:CSS


[DA18] 

Deschaintre:2018:SIS


Gilles Daviet, Florence Bertails-Descoubes, and Laurence
REFERENCES


**Dong:2014:AMR**


**Duguet:2002:REV**


**Durand:2002:FAH**


**Du:2014:IVQ**


**Dou:2017:MRT**

REFERENCES


[DER+10] Piotr Didyk, Elmar Eisemann, Tobias Ritschel, Karol Myszkowski, and Hans-Peter Seidel. Apparent display resolution enhancement for moving images. *ACM Trans-
DeFloriani:1988:HBM

Doraiswamy:2015:TBC

Duce:1988:FSS


DeCarlo:2003:SCC


REFERENCES


REFERENCES


Dumas:2014:BGA


Dobbyn:2005:GRT


Durand:2005:FAL


Djeu:2011:RAD


DEon:2011:QDM


Didyk:2018:SDA

Piotr Didyk. Session details: Acquisition, rendering and display for virtual reality. ACM Transactions on Graphics, 37(6), November 2018. CODEN ATGRDF. ISSN 0730-0301 (print), 1557-7368 (electronic).

Dobashi:2012:IPA

Yoshinori Dobashi, Wataru Iwasaki, Ayumi Ono, Tsuyoshi Yamamoto, Yonghao Yue, and Tomoyuki Nishita. An inverse problem approach for automatically adjusting the parameters for rendering clouds
REFERENCES


**Du:2018:IAC**


**Donner:2005:LDM**


**DeGoes:2017:RKS**


**Goes:2018:DKS**


**Dupuy:2018:APE**


**Derouet-Jourdan:2013:IDH**


**Derouet-Jourdan:2010:SID**

Alexandre Derouet-Jourdan, Florence Bertails-Descoubes,
REFERENCES


[DKD+17b] Funda Durupinar, Mubbasir Kapadia, Susan Deutsch, Michael Neff, and Norman I. Badler. Perform: perceptual approach for adding

Davidovic:2010:CGL


Davidovic:2014:PLT


Dobashi:2008:FCC


Dang:2015:IDP


Dang:2015:IDP


REFERENCES

ISSN 0730-0301 (print), 1557-7368 (electronic).


REFERENCES

CODEN ATGRDF. ISSN 0730-0301 (print), 1557-7368 (electronic).


[DPF03] Reynald Dumont, Fabio Pellacini, and James A. Ferwerda. Perceptually-driven
REFERENCES


Deuss:2014:ASS


Dansereau:2015:LVF


Duchene:2015:MII


Didyk:2011:PMD


Didyk:2012:LCA


Dalstein:2014:VGC


Dalstein:2015:VGA

Boris Dalstein, Rémi Ronfard, and Michiel van de
REFERENCES


Davis:2014:VMP


Desaulniers:1992:EMB


DeCarlo:2002:SAP


Didyk:2013:JVE


daSilva:2008:ISS


Darabi:2012:IMC

Soheil Darabi, Eli Shechtman, Connelly Barnes, Dan B. Goldman, and Pradeep Sen.

[DSJ+11]

Dachsbacher:2007:IVA


[DSDD07]

DaSilva:2009:LBC


[dSDP09]

Doersch:2012:WMP


[DSG+12]

Dale:2011:VFR


[KDSJ+11]

Der:2006:IKR


[DSP06]

Daniels:2008:QMS


[DSC08]

Du:2016:CMD


[DSZ+16]
Deussen:2017:WLB


Diebel:2006:BMP


Denning:2015:FCS


Dong:2011:AIM


Dong:2012:PSV


Duff:2017:DCUa


Duff:2017:DCUb


Dunlavey:1983:EPF

[M. R. Dunlavey. Efficient polygon-filling algorithms for

**Damera-Venkata:2009:DS**


**Dana:1999:RTR**


**Diamanti:2015:IPF**


**Dachsbacher:2003:SPT**


**Donner:2008:LHR**


**Dong:2015:PAM**


**Dong:2010:FSV**

Debevec:2002:LRA


Dong:2010:MBS


Dai:2018:SFV


Dinh:2005:TTD

Duncan:2016:ICH

Duncan:2015:ZD

Duncan:2017:AD

Dong:2009:OIR

DiLorenzo:2008:LLC

Esteves:2006:APV

English:2008:ADS
REFERENCES


REFERENCES


[EGHSN20] Haegwang Eom, Daseong Han, Joseph S. Shin (formerly


[EHSN20] Haegwang Eom, Daseong Han, Joseph S. Shin (formerly

**Elber:1998:BSR**


**Edahiro:1984:NPL**


**Edahiro:1984:NPL**


**Eigensatz:2010:PAF**


**Edwards:2016:JAC**

REFERENCES

**Edelsbrunner:1990:SST**

**Edelsbrunner:1994:TDA**

**Ezquerra:1996:APD**

**Ephrat:2018:LLC**

**Ennis:2010:SBB**

**Eilertsen:2015:RTN**
0301 (print), 1557-7368 (electronic).


REFERENCES


Arnaud Emilien, Yulisse Vimont, Marie-Paule Cani,

Feng:2018:COD


Fiss:2011:CPS


Farin:1989:CCO


Fattal:2007:MSD


Fattal:2007:IUI


Fattal:2008:SID


Fattal:2009:EAW

References


Fuchs:2007:ASR


Fang:2018:QTM


Fattal:2009:EBI


Fang:2018:QTM


Fattal:2009:EBI


Fattal:2009:EBI


Fattal:2009:EBI


Fattal:2009:EBI

REFERENCES

201

Fleishman:2005:RML


Fu:2017:ASI


Freedman:2011:IVU


Fisher:2009:DPC


Frederickx:2017:FSD


Fleishman:2003:BMD


Fournier:1988:PFB

REFERENCES

Farbman:2010:DME


Farbman:2011:CP


Farbman:2008:EPD


Ferguson:1990:CSI


Fuhrmann:2011:FDM


Fuhrmann:2014:FSS


Faure:2011:SMM


Fu:2017:PPC

Chuyuan Fu, Qi Guo, Theodore Gast, Chenfanfu Jiang, and Joseph Teran. A polynomial
REFERENCES


REFERENCES

Foley:2011:SMC

Frisvad:2014:DDM

Farbman:2009:CII

Fascione:2018:MBS

Field:1985:ILI

Filip:1989:BPS

Fiume:2000:AFA
REFERENCES


REFERENCES


Fei:2017:MSM


Funkhouser:2003:SEM


Fan:2014:SCF


Farouki:1989:APD


Feiner:1982:ESC


Feldman:2003:ASP


Feldman:2005:AGH

REFERENCES


REFERENCES

1995. CODEN ATGRDF. ISSN 0730-0301 (print), 1557-7368 (electronic).

Fang:2003:ESP


Fournier:1987:GEI


Freeman:2016:DAF


Fisher:2012:EBS


Friston:2019:PRH


Fuchs:2008:TPR


Fisher:2007:DTV


Fried:2016:PAM

Ohad Fried, Eli Shechtman, Dan B. Goldman, and Adam Finkelstein. Perspective-aware manipulation of por-


REFERENCES


REFERENCES


REFERENCES

Goesele:2010:APC


Garces:2014:SMI


Gallier:1999:SMD


Grabler:2008:AGT


Gain:2008:SSD


Grundhofer:2008:VDV

Gerszewski:2013:PBA


Gribel:2011:HQS


Gourmel:2013:GBI


Guendelman:2003:NRB


Gilles:2011:FBE


Guthe:2005:GBT


Guerrero:2016:PEP


Goktekin:2004:MAV

[GBO04] Tolga G. Goktekin, Adam W. Bargteil, and James F.

Gharbi:2017:DBL


Guo:2019:FGF


Gal:2006:SGF


Ghosh:2010:CPS


Gharbi:2016:DJD


Guay:2013:LAI


Goldman:2006:SSV

Dan B. Goldman, Brian Curless, David Salesin, and Steven M. Seitz. Schematic storyboarding for video visualization and editing. *ACM


David (grue) DeBry, Jonathan
REFERENCES


Garrett:1982:GPU


Golovinskiy:2008:RCM


Goldstein:2012:VSU


Guenter:2012:FG


Glassner:1995:DDR


Ghosh:2011:MFC


Guennebaud:2007:APS

Gaël Guennebaud and Markus Gross. Algebraic point set
REFERENCES


**Genevaux:2013:TGU**


**Gu:2002:GI**


**Goesele:2003:ALS**


**Gamboa:2018:SAF**


**Gotsman:2003:FSP**


**Gunther:2017:GOV**


**Ge:2018:ISR**

REFERENCES

2018. CODEN ATGRDF. ISSN 0730-0301 (print), 1557-7368 (electronic).


[GHV+18] Adrien Gruson, Binh-Son Hua, Nicolas Vibert, Derek Nowrouzezahrai, and Toshiya


REFERENCES

Gao:2017:RHD


Guerrero:2014:EPU


Guerrero:2015:LSP


Georgiev:2012:LTS


Georgiev:2013:JIS


Gregson:2012:STA


Govindaraju:2005:ICD

Grinspun:2002:CSF


Granados:2013:ANM


Glassner:1990:TDV


Glassner:1995:E


Gharbi:2019:SBM


Galvane:2018:DCD


Enrico Gobbetti and Fabio Marton. Far voxels: a multiresolution framework for interactive rendering of huge complex 3D models on commodity graphics platforms.


Aleksey Golovinskiy, Wojciech Matusik, Hanspeter

Gomes:2009:BBA


Glauser:2016:RAT


Guerrero:2016:RRA


Garg:2006:PRR


Gupta:2015:PIG


Golas:2012:LSF

Gastal:2011:DTE


Goldman:1984:MCC


Goldman:1985:IEV


Goldman:2002:AGF


Gonzalez-Ochoa:1998:CMO

REFERENCES

Goshtasby:2000:GPI

Gooch:2005:CSP

Garcia:2008:IIG

Gonzalez:2009:CMM

Gissler:2019:ISP

Garcia:2013:CMM

Geilinger:2018:SOB
Moritz Geilinger, Roi Porrane, Ruta Desai, Bernhard Thomaszewski, and


REFERENCES

Green:1986:STD

[GRS93]

Gooch:2004:HFI

Guay:2015:STS

Guan:2012:DDP

Gruson:2017:STFa

Gruson:2017:STFb
REFERENCES


REFERENCES

0730-0301 (print), 1557-7368 (electronic).

Gori:2017:FDC

Gardner:2017:LPI

Geng:2018:WGG

Guenter:1996:QPH

Gryka:2015:LRS

Grabli:2010:PRL

Gardner:2003:LLS


REFERENCES

DEN ATGRDF. ISSN 0730-0301 (print), 1557-7368 (electronic).


REFERENCES


Michael Garland and Yuan Zhou. Quadric-based simplifi-


REFERENCES

0301 (print), 1557-7368 (electronic).

Hansen:1992:AGN


Herholz:2018:FOR


Haines:2016:MTY


Hachisuka:2018:SDB


Hasselgren:2007:PPC


Hart:2003:Ea


Hart:2003:Eb


Hart:2004:E


Hart:2005:E

REFERENCES


Hedman:2017:CP


Hohmeyer:1989:RCP


Hegarty:2014:DCH


Hersch:2004:BMI


Hersch:2003:RCI

Roger D. Hersch, Fabien Collaud, and Patrick Emmel. Re-


\textbf{Herholz:2017:LSS} Philipp Herholz, Timothy A. Davis, and Marc Alexa. Localized solutions of sparse linear systems for geometry


Hoyem:2005:APP

Hullin:2011:PBR

Hämäläinen:2014:OMS

Hormann:2006:MVC
REFERENCES

He:2016:SRE

He:2018:SLM

Huang:2006:RFO

Hu:2018:MLS

He:2017:SCM

Hullin:2008:FIR

Hart:1994:VQR
REFERENCES

toc/Abstracts/0730-0301/197480.html.


2014. CODEN ATGRDF. ISSN 0730-0301 (print), 1557-7368 (electronic).


Huang:2019:ALS


Humphreys:2002:CSP


Hu:2018:EWB


Hachisuka:2009:SPP


Hachisuka:2011:RAP

REFERENCES

ISSN 0730-0301 (print), 1557-7368 (electronic).


Hsu:2012:ACP


Hedman:2018:IP


Holynski:2018:FDD


Huang:2018:DIP


Huang:2014:ICU


Huang:2016:TCC


Huang:2018:LLS

REFERENCES


He:2019:PCT


Hirsch:2009:BST


Holroyd:2008:PAE


Hecht:2012:USC

Florian Hecht, Yeon Jin Lee, Jonathan R. Shewchuk, and James F. O’Brien. Updated sparse Cholesky fac-


REFERENCES


Hillesland:2003:NOF


Hu:2014:CBH


Harish:2016:PIK


Hu:2014:RHC


Hoyet:2012:PIR


Hsu:2008:LME


Haber:2005:PBS

[HMS05] Jörg Haber, Marcus Magnor, and Hans-Peter Seidel.


REFERENCES


Heide:2019:NLS


Han:2003:MBT


Hofer:2004:EMS


Holzschuch:2017:TSM


Hasan:2006:DIT


Hasan:2007:MRC


Hachisuka:2012:PSE

Huang:2017:MPF


Hsu:2005:STH


Hedman:2018:DBF


Harmon:2011:IAG


Hou:2010:MRT


Hable:2005:BGB


Hasan:2013:IAE


Hedman:2016:SII

[HRDB16] Peter Hedman, Tobias Ritschel, George Drettakis, and Gabriel Brostow. Scalable inside-out...

**Hecker:2008:RTM**


**Han:2008:MTS**


**Hill:1997:CAQ**


**Hermosilla:2018:MCC**

REFERENCES


REFERENCES


REFERENCES

2016. CODEN ATGRDF. ISSN 0730-0301 (print), 1557-7368 (electronic).


[Hildebrandt:2011:ISM] Klaus Hildebrandt, Christian Schulz, Christoph Von Ty-

[Hildebrandt:2012:ISC]


[Hu:2017:ADS]


[Hahn:2014:SCS]


[Huang:2015:HSS]


[Healey:2004:PBB]


[Harary:2014:CBC]


REFERENCES

Harmon:2008:RTS


Hosek:2012:AMF


Hahn:2015:HRB


Hahn:2016:FAB


Huang:2014:EFD


Huang:2013:MSP


Huang:2013:EAP

Huang:2014:FMN  

Huo:2016:AMC  

Han:2018:DUP  

Huo:2015:MSR  

Huang:2015:SVR  

Hirsch:2014:CLF  

Heide:2013:AIS  
REFERENCES


**Huang:2013:MGT**


**Ha:2012:FLM**


**Hu:2018:PGN**


**Hubschman:1982:FFC**


**Hou:2011:SRM**


**Harmon:2013:SIL**


**REFERENCES**


Huang:2008:SQO  
Jin Huang, Muyang Zhang, Jin Ma, Xinguo Liu, Leif Kobbelt, and Hujun Bao.  
Spectral quadrangulation with orientation and alignment control.  
CODEN ATGRDF. ISSN 0730-0301 (print), 1557-7368 (electronic).

PatchNet: a patch-based image representation for interactive library-driven image editing.  
CODEN ATGRDF. ISSN 0730-0301 (print), 1557-7368 (electronic).

[Huang:2011:ALC] Hua Huang, Lei Zhang, and Hong-Chao Zhang.  
Arcimboldo-like collage using Internet images.  
CODEN ATGRDF. ISSN 0730-0301 (print), 1557-7368 (electronic).

Generalizing motion edits with Gaussian processes.  
CODEN ATGRDF. ISSN 0730-0301 (print), 1557-7368 (electronic).

BendFields: Regularized curvature fields from rough concept sketches.  
*ACM Transactions on Graphics*, 34(3):
Ichim:2015:DAC


Iyer:2017:PWC


Iwasaki:2012:IBS


Isenburg:2003:CCG


Irving:2006:ESL


Iseringhausen:2017:ITS


Igarashi:2003:CM

Iseringhausen:2020:NLS


Igarashi:2012:BIB


Ilbery:2013:BDC


Ichim:2017:PPB


Iarussi:2015:WCA


Iseringhausen:2010:ALO


Ishigaki:2009:PBC


Ishida:2017:HGF


Ijiri:2014:FMX


Izadi:2018:SDM

Shahram Izadi. Session details: Modeling things on (and in) your head. *ACM Transactions on Graphics*, 37(6), November 2018. CODEN ATGRDF. ISSN 0730-0301 (print), 1557-7368 (electronic).

Ihrke:2007:ERE


Jacob:1986:SLD


Jarabo:2018:RTF

Adrian Jarabo, Carlos Aliaga, and Diego Gutierrez. A radiative transfer framework for

**Jakob:2010:RTF**


**Jansen:1991:DOP**


**Jensen:2002:RHR**


**Jacobson:2012:FAS**


**Jang:2018:HNE**


**Jang:2017:RAR**

Changwon Jang, Kiseung Bang, Seokil Moon, Jonghyun Kim, Seungjae Lee, and


REFERENCES

Jeschke:2009:RSD


Judd:2007:ARL


Jones:2003:NIF


Jagnow:2004:STS


Jarosz:2008:RCP


James:2003:PID


Jamriska:2015:LAT

Jiang:2015:FFG


Jacobs:2015:SVE


Jin:2015:AIA


Jo:2016:DDC


Jiang:2017:AEC


Jung:2015:SFD


Jorg:2012:DDF

[JHS12] Sophie Jörg, Jessica Hodgins, and Alla Safonova. Data-driven finger motion synthesis


Joshi:2010:IDU

Jain:2011:CPB

Jain:2011:MSC

Johnson:2005:IZB
REFERENCES

CODEN ATGRDF. ISSN 0730-0301 (print), 1557-7368 (electronic).

Jones:2009:AEC

Jacobs:2003:AGB

Ju:2002:DCH

Jakob:2012:MEM

Joshi:2006:NVM

Joshi:2010:PPE

Jarabo:2014:HDP
Joshi:2007:HCC


Jin:2017:VTB


Jakob:2009:CHA


Jarabo:2014:FTR


Jones:2007:RIL


Jarosz:2011:CTV


Jarosz:2011:PPB

REFERENCES

Joe:1989:MKR


Joe:1990:KIB


Joe:1990:QBS


James:2002:DDR


James:2003:MGF


James:2004:BTO


Jacobson:2014:TMI


Joubert:2015:ITD


**Jacobson:2011:STB**


**Jimenez:2010:PAM**


**Jarosz:2012:TAA**


**Jeschke:2018:WSW**


**Jain:2012:TDP**


**Jiang:2017:SCA**


**Jiang:2015:APC**

Chenfanfu Jiang, Craig Schroeder, Andrew Selle, Joseph Teran,


REFERENCES

Je:2012:PRT

Jakob:2015:IFA

Jain:2010:MTR

Jiang:2017:DVO

Jones:2016:EBP
Ju:2004:RRP


Jeschke:2015:WWA


Jeschke:2017:WWP


Jiang:2019:SBR


Jeng:1996:MCP


Jones:2014:DEP


Ju:2013:DDC

REFERENCES


[Kovalsky:2015:LSB] Shahar Z. Kovalsky, Noam Aigerman, Ronen Basri, and


Sing Bing Kang. Homogeneous codes for energy-efficient illumination and...

**Kaufman:2018:SDS**


**Kilgard:2012:GAP**


**Koulieris:2017:ACH**


**Kimmel:2013:SAC**


**Kautz:2007:IEM**


**Kalantari:2015:MLA**


**Koschier:2017:REF**

REFERENCES


Kopf:2006:RWT


Kopf:2010:SSB


Knoppel:2013:GOD


Knoppel:2015:SPS


Knoppel:2018:SPI


Kang:2018:ERC


Kuang:2013:CRA

Zhengzheng Kuang, Bin Chan, Yizhou Yu, and Wenping Wang. A compact random-access representation for urban modeling and rendering. ACM Transactions...
REFERENCES

292

Kavan:2008:GSA


Kaplanyan:2013:APP


Kim:2013:SFR


Konrad:2017:STL


Kim:2019:AEI


Kellnhofer:2016:GSD


Kalnins:2003:CSS

Kellnhofer:2016:MPS


Kellnhofer:2017:THE


Kanamori:2018:RHO


Kwatra:2005:TOE


Kurlander:1993:ICM

REFERENCES

Krishnan:2009:DFP


Krivanek:2010:EGI


Kilian:2008:CF


Klingner:2006:FAD


Kopf:2007:STS


Kazhdan:2004:SMA


Krishnan:2013:EPL


Kelly:2017:BLS

204:??, November 2017. CODEN ATGRDF. ISSN 0730-0301 (print), 1557-7368 (electronic).


REFERENCES


Kazhdan:2008:SMG


Kazhdan:2010:MAP


Kazhdan:2013:SPS


Kwon:2017:MMIa


Kwon:2017:MMIb


Kaplanyan:2014:NCR


Karsch:2011:RSO


Kim:2011:MPS

Changil Kim, Alexander Hornung, Simon Heinzle, Woji

**Kim:2009:SMC**


**Kim:2011:HDF**


**Kettunen:2019:DCR**


**Kutz:2017:SDT**


**Kahler:2003:RDR**


**Kalogerakis:2010:LMS**


**Kadlecek:2016:RPA**

Petr Kadlecek, Alexandru-Eugen Ichim, Tiantian Liu, Jaroslav Krivánek, and Ladislav Kavan. Reconstructing personalized anatomical models

**Kim:2010:MPF**


**Kim:2018:SDI**


**Koskela:2019:BMO**


**Kaldor:2008:SKC**

REFERENCES


Kaldor:2010:EBY


Kim:2019:FAD


Kamada:1987:ETH


Kamada:1991:GFV


Kulik:2011:CSS


Kopf:2012:QPI

REFERENCES


Kang:2017:MCLb


Klassen:1987:MEA


Klassen:1991:IFD


Klassen:1994:EH


Kim:2011:BIM


Kim:2012:SGT

Vladimir G. Kim, Yaron Lipman, and Thomas Funkhouser. Symmetry-guided texture synthesis and manipulation.
REFERENCES


Kuo:2019:CIC


Krahenbuhl:2009:SRS


Kim:2007:SBF


Kwon:2008:GME


Kim:2012:ECM


Kim:2013:SLD


Kim:2013:LPB


Khungurn:2017:ASE


Kettunen:2015:GDP


Kaufmann:2009:ETD


Kalnins:2002:WND


Kallweit:2017:DSR


Kilian:2017:SACa


Kilian:2017:SACb

Kharevych:2009:NCI


Kilian:2007:GMS


Kim:2012:AIE


Kopf:2008:DPM


REFERENCES


Kass:2011:CNN


Kim:2011:FSS


Kim:2018:DCA


Kuster:2012:GCH


Krajcevski:2016:GGD


Konrad:2017:AIC

REFERENCES

Kim:2017:DDP


Karciauskas:2017:JSS


Kilian:2017:MMF


Knapitsch:2017:TTB


Kalantari:2017:DHD


Kim:2012:ISM


Kowdle:2018:NSR

[KRF+18] Adarsh Kowdle, Christoph Rhemann, Sean Fanello, Andrea Tagliasacchi, Jonathan Taylor, Philip Davidson, Mingsong Dou, Kaiwen Guo, Cem Keskin, Sameh Khamis, David Kim, Danhang Tang, Vladimir Tankovich, Julien Valentin, and Shahram Izadi. The need 4 speed in real-time

**Khan:2006:IBM**


**Kim:2011:EAC**


**Krogh:1982:AAP**


**Karasick:1995:ISM**


**Kobbelt:1998:MFV**


**Kaplan:2004:ISP**


**Kraevoy:2004:CPC**


**Kass:2010:SLH**

Michael Kass and Justin Solomon. Smoothed local his-
REFERENCES


Kraevoy:2003:MCC


Kazhdan:2010:DGD


Karsch:2014:ASI


Kim:2016:PAD


Karamouzas:2018:CSP


Kaufman:2008:SPF


Kim:2014:IML

Karamouzas:2017:ICO


Kopf:2013:CAI


Kharevych:2006:DCM


Koyama:2015:ACD


Kraevoy:2008:NHR


Koyama:2017:SLS

Kolomenkin:2008:DCS


Khungurn:2015:MRF


Katz:2003:HMD


Katz:2007:DVP


Kailkhura:2016:SBN


Kim:2008:WTF


Koller:2004:PIG


Kaufman:2014:ANC

Danny M. Kaufman, Rasmus Tamstorf, Breannan Smith, Jean-Marie Aubry, and Eitan Grinspun. Adaptive nonlinearity for collisions in complex

**Kim:2013:CPT**


**Kikuuwe:2009:EBC**


**Kopf:2007:CVG**


**Kang:2003:HDR**


**Kalaiah:2005:SGR**


**Kondapaneni:2019:OMI**


**Kleiman:2015:SSE**

Yanir Kleiman, Oliver van Kaick, Olga Sorkine-Hornung, and Daniel Cohen-Or. SHED: shape edit distance for fine-grained shape similarity. *ACM Transactions on Graphics*, 34
REFERENCES


Kadambi:2013:CTF


Kalantari:2016:LBV

Nima Khademi Kalantari, Ting-Chun Wang, and Ravi Ramamoorthi. Learning-based view synthesis for light


REFERENCES

319

DEN ATGRDF. ISSN 0730-0301 (print), 1557-7368 (electronic).


Langlois:2014:ECM


Laine:2011:CDS


Lehtinen:2012:RIL


Loos:2011:MRT


Lass:1990:TRT


Lau:2018:SDH


Li:2012:S


Liang:1984:NCM

REFERENCES

1–22, January 1984. CODEN ATGRDF. ISSN 0730-0301 (print), 1557-7368 (electronic).


REFERENCES

Lu:2013:RPE


Lau:2009:MST


Lyon:2016:HRH


Liu:2017:QNMb


Liu:2013:FSM


Laffont:2012:CII


Lavenant:2018:DOT


Luft:2006:IEU


Lee:2019:CSO


Lipman:2010:SFE


Liu:2014:CCS


Lee:2006:MPB


Liu:2017:IBR

Lingjie Liu, Duygu Ceylan, Cheng Lin, Wenping Wang, and Niloy J. Mitra.


Levoy:2004:SAC


Lv:2016:DDI


Lau:2009:FPI


Loop:1989:MGB


Lagae:2005:POD


Lagae:2006:AWT


Lagae:2011:FSG

REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


Lipman:2009:MVS

Lukac:2013:PFT

Levin:2007:IDC

Liao:2015:FCS

Liu:2017:SSE

Lo:2009:PP

Li:2016:GNU
REFERENCES


Tzu-Mao Li, Michaël Gharbi, Andrew Adams, Frédéric Durand, and Jonathan Ragan-Kelley. Differentiable programming for image processing and deep learning in halide. *ACM Transactions on Graphics*, 37(4):139:1–139:??, August 2018. CODEN ATGRDF. ISSN 0730-
Losasso:2004:SWS


Lu:2007:CAT


Liu:2009:CPW


Lien:2016:SUG


Li:2019:DOT


Lloyd:2008:LPS


Liu:2011:SVS

REFERENCES


Le:2016:RTS

Liu:2017:LSCa
Libin Liu and Jessica Hodgins. Learning to schedule


[Li:2015:FF] Ruotian Ling, Jin Huang, Bert Jüttler, Feng Sun,


[Lipman:2018:SDM]


[Liu:2009:DMG]


[Liu:2014:SCB]


[Li:2013:CMV]


[Liao:2013:AVL]


REFERENCES


[LK15] Zhaoliang Lun, Evangelos Kalogerakis, and Alla Sheffer. Elements of style: learning perceptual shape style

Levine:2010:GC


Loffler:2014:CDF


Lun:2016:FPS


Low:2012:BMA


Levy:2010:CVT


Lepage:2011:MM


Lanman:2013:NEL


Li:2010:ARM


Lee:1991:CSP


Liu:1997:OAE


Liu:2018:CFR


Liu:2016:SSC


Loper:2014:MMS


Liu:2015:MRV

Lee:2007:LDA


[LMH07]

Lopez-Moreno:2013:DSM


[LMPB+13]

Lane:1983:AFR


[LMR83]

Loper:2015:SSM


[LMR+15]

Lago:2013:GCS


[LMS13]

Lagunas:2019:SMM


[LMS+19]

Liu:2013:SCA

Lantz:1984:SGD


Levoy:2006:LFM


Lou:2016:IPA


Lindell:2018:SPI


Liu:2002:SCD

Lee:2010:LBS


Livny:2011:TLT


Lee:2014:LCM


Li:2017:BMF


Lee:2019:SMA


Levy:2002:LSC

Liu:2013:CSS

Liu:2006:GMC

Li:2019:GGR

Lamming:1990:SMI

Lamming:1991:CSM

Liang:2015:LTF

Li:2007:ICI
[LRA+07] Wilmot Li, Lincoln Ritter, Maneesh Agrawala, Brian Curless, and David Salesin.


[Laffont:2014:TAH] Pierre-Yves Laffont, Zhile Ren, Xiaofeng Tao, Chao Qian, and James Hays. Transient attributes for high-level understanding and editing of


[LSA+08] Anat Levin, Peter Sand, Taeg Sang Cho, Frédéric Durand, and William T. Free-


Langbehn:2018:BEL


Lipman:2005:LRI


Loop:2009:ASS


Li:2013:TSE


Lefohn:2007:RMS


Li:2015:JES

Leimkuhler:2018:LKS


Li:2005:VOC


Liu:2009:PS


Lukac:2017:NRR


Lombardi:2019:NVL


Losasso:2006:MIL


Lombardi:2018:DAM


Lu:2019:SRB


Lee:2009:CBM


Li:2004:LS


Livesu:2015:PHM


Lu:2014:BLS


Lindstrom:2000:IDS


Lee:2006:HBM

Lee:2008:SJM


Li:2009:PAS


Liu:2016:DCC


Liu:2005:MM


Levine:2009:RTP


Liu:2018:PSE


Levine:2009:RTP


Liu:2015:FPS


Lo:2010:SCP

[Wan-Yen Lo, Jeroen van Baar, Claude Knaus, Matthias Zwicker, and Markus Gross. Stereoscopic 3D copy &

**Li:2013:SP**


**Lee:2005:MS**


**Livesu:2013:PMG**


**Li:2016:RAP**


**Limper:2018:BCA**


**Liu:2016:GLC**


**Li:2015:ATB**

[Chuan Li and Michael Wand. Approximate translational building blocks for image decomposition and synthesis.]

**Li:2016:RAP**


**Limper:2018:BCA**


**Liu:2016:GLC**


Shuaicheng Liu, Jue Wang, Sunghyun Cho, and Ping Tan. TrackCam: 3D-aware


References


Li:2010:EBF


Li:2010:ABN


Li:2015:QMC


Leaf:2018:IDP


Lipp:2008:IVE

Liu:2015:VAD


Li:2017:GGR


Liu:2015:ECS


Liu:2018:LRS


Liu:2018:OAG


Liu:2011:GPQ


Liu:2016:MDE

Yang-Jin Liu, Chun-Xu Xu, Ran Yi, Dian Fan, and Ying He. Manifold differential evolution (MDE): a global opti-


Lin:2008:DIS


Liu:2018:PP


Livny:2010:ART


Lipman:2014:FMB


Lee:2018:DMC


Liu:2014:FBI


Liu:2013:BCP

REFERENCES

Liu:2010:SBC

Liu:2012:TRC

Liu:2013:SCS

Liao:2017:VAT

Li:2013:RFA

LaViola:2004:MSC

Levi:2014:SMG
REFERENCES


Li:2010:EOI


Lehtinen:2008:MHR


Liu:2019:NAS


Meyer:2006:SAA


Meyer:2007:KPS


Musialski:2015:ROS


Mackinlay:1986:ADG

REFERENCES


[MAN+16] James McCann, Lea Albaugh, Vidya Narayanan, April Grow, Wojciech Matusik, Jennifer Mankoff, and
REFERENCES


[Mullapudi:2016:ASH]

[Mitchell:2015:NML]

[Martin-Brualla:2015:TLM]

[Misztal:2012:TAI]

[Moon:2010:COR]


[Molino:2004:VNA]


[MBK+10] Bochang Moon, Yongyoung Byun, Tae-Joon Kim, Pio


Matthias Müller and Nuttapong Chentanez. Solid simulation with oriented particles. *ACM Transactions
370

REFERENCES

Min:2012:MGC
Min:2009:IGH
Min:2009:IGH


McIlroy:1992:GRE


McKenna:1987:WCO


Muller:2013:RTD


Muller:2015:AMR


Mitra:2009:EI


Mullen:2009:EPI


Mitchell:2015:GIA

REFERENCES

Mandad:2015:IAW

Mandad:2017:VMT

Moreno:2015:USL

Moon:2014:ARB

Mantiuk:2008:DAT
REFERENCES

0730-0301 (print), 1557-7368 (electronic).

Maron:2016:PRE


Murmann:2016:CBF


Martinez:2016:PVF


Mordatch:2010:RPB


Martinez:2015:SAO


McCool:2004:SA


Mora:2005:LCM


Mitchell:2018:SDH

Scott A. Mitchell, Mohamed S. Ebeida, Muham-


Maron:2017:CNN


Mark:2003:CSP


Monszpart:2019:IIG


Montalto:2015:TVA


MacIntyre:2005:DTR


Miller:2019:NSP


Maimone:2017:HNE

REFERENCES


Jonás Martínez, Samuel Horns, Haichuan Song, and Sylvain Lefebvre. Polyhedral

**Muller:2005:MDB**


**Miandji:2019:UFC**


**Mori:2007:PID**


**Miki:2015:PSS**


**Moon:2015:ARL**


**Mirtich:1998:VCF**

REFERENCES


McDonnell:2008:CAP


McDonnell:2009:ECC


Muico:2009:CAN


Maimone:2014:PDW


Muntoni:2018:AAH


Michels:2017:SAI


Maia:2019:LOB

Henrique Teles Maia, Dingzeyu

Ma:2016:ADI


Moon:2006:SMS


Merrell:2008:CMS


Macklin:2013:PBF


Monszpart:2015:RRM


Macklin:2014:UPP


Mullen:2011:HHO

REFERENCES

DEN ATGRDF. ISSN 0730-0301 (print), 1557-7368 (electronic).

Merry:2006:AST

Moon:2016:APR

McGuire:2005:DVM

Muller:2019:NIS

Meyron:2018:LPG

Mullen:2007:VAE

Moreno-Noguer:2007:ARI
REFERENCES


Montanari:2017:IGAa


Montanari:2017:IGAb


Malomo:2016:FAD


Matusik:2003:DDR


Masselus:2003:RIL


Ma:2018:LDS


Müller:2016:ERH

REFERENCES

0730-0301 (print), 1557-7368 (electronic).


DEN ATGRDF. ISSN 0730-0301 (print), 1557-7368 (electronic).


Mitani:2004:MPT


Majumder:2005:PPS


Manson:2013:CCT


Martinez:2017:ONF


Martinet:2006:ADS


Merrell:2010:CGR


Merrell:2011:IFL


McCrae:2011:SSP

Mercier:2017:FGC


Mildenhall:2019:LLF


Mashayekhi:2018:ADE


Mahajan:2007:TLL


Meyers:1992:SC


Malzbender:2012:PRF

REFERENCES

Mehta:2017:VRT


Martinez:2019:SSM


Middleditch:1989:IAL


McAdams:2009:DPC


Michels:2014:EIS


Miguel:2013:MEI


Martin:2011:EBE


Museth:2013:VHR


Mueller:2018:SAS


Mellado:2017:CPS


Marschner:2005:MMA


Marwah:2013:CLF


Ma:2009:MFT


Muller:2006:PMB

REFERENCES

CODEN ATGRDF. ISSN 0730-0301 (print), 1557-7368 (electronic).

Mohan:2009:BIV


Maimone:2013:FCA


Miyashita:2018:MPM


Ma:2013:DET


Moon:2008:EMS


Mehta:2012:AAF


Mehta:2013:AAF

REFERENCES

96:1–96:??, July 2013. CODEN ATGRDF. ISSN 0730-0301 (print), 1557-7368 (electronic).

Ma:2011:DET


Mordatch:2013:AHL


Moss:2010:SLA


Mehta:2014:FAA


Miyashita:2015:MSO


Mitra:2010:IHM


Myles:2012:GPI

Ashish Myles and Denis Zorin. Global parametrization by incremental flattening. ACM
REFERENCES


Megaro:2017:CDT


Matusik:2005:TDU


Mehra:2009:AMM


Ma:2017:CDF


Meka:2016:LIV


Macchietto:2009:MCB

McAdams:2011:EEC


Muller:2007:IBP


Narain:2015:OPI


Narayananan:2018:AMK


Naiman:1998:JEW


Nakashima:2018:CIS


Nasri:1987:PSM

Ahmad H. Nasri. Polyhedral subdivision methods for


REFERENCES

183:??, November 2012. CODEN ATGRDF. ISSN 0730-0301 (print), 1557-7368 (electronic).

**Ng:2005:FSP**


**[Ng05]**


**Nader:2018:ITM**


**[NG18]**


**Narain:2009:ADD**


**[NGCL09]**


**Ni:2004:FMF**

Nishida:2016:ISU


**[NGDA+16]**


**Narain:2010:FFG**
REFERENCES


REFERENCES

[400

0301 (print), 1557-7368 (electronic).


[NKGR06]


[NKJF09]


[NKK+14]


[NLMD12]


[NLGK18]


[NLW+16]

Giljoo Nam, Joo Ho Lee, Hongzhi Wu, Diego Gutierrez, and Min H. Kim. Simultaneous acquisition of microscale reflectance and normals. *ACM
Nehab:2016:PRF

Nageli:2017:RTP

Nehab:2011:GER

Nehab:2014:EGE

Nicholl:1990:PGT

Neumann:1995:RHM

Nishino:2004:ER
Ko Nishino and Shree K. Nayar. Eyes for relighting.
REFERENCES


Novak:2012:VRL

Nielsen:2007:CCL

Nageli:2018:FRT

Narain:2013:FCA

Nah:2011:TET


Nishita:1985:SMP

Nageli:2018:FRT

Narain:2013:FCA

Nah:2011:TET


Nishita:1985:SMP

Nageli:2018:FRT

Narain:2013:FCA

Nah:2011:TET


Narain:2008:FAT

Nowrouzezahrai:2012:SZH

Novak:2014:RRT

Nagano:2018:PRT


REFERENCES

ISSN 0730-0301 (print), 1557-7368 (electronic).


Ohtake:2004:RVL


Orzan:2008:DCV


Owens:2016:MDI


Ostromoukhov:2004:FHI


Okabe:2015:FVM


OSullivan:2003:EVF


OSullivan:2001:CP

Overbeck:2009:AWR


Overbeck:2018:SAP


Ouellette:2001:NSO


Oztireli:2012:ASP


Oztireli:2015:PBD


Oskam:2011:OOS


Ozgen:2010:UCS


Otaduy:2003:SPS


ODonovan:2014:EFS


Ovsjanikov:2011:ECV


Olsen:1984:PAU


Olsen:1986:MMI


Olsen:1988:CST


Olsen:1992:BES


REFERENCES

Paglieroni:1998:DPP


Peiret:2019:SCB


Peng:2018:DEG


Paris:2017:CMO


Patterson:1985:PTP

REFERENCES

6119.html. See corrigendum [Pat87].

Patterson:1987:CPT

Pavlidis:1983:CFC

Pavlidis:1990:RCS

Pullen:2002:MCA

Paoluzzi:1993:DIM

Parker:2010:OGP

Panozzo:2013:WAS
Porumbescu:2005:SM


Pan:2015:SDS


Peng:2014:EQ


Pellacini:2007:LP


Purcell:2002:RTP


Paris:2004:CHG


Panozzo:2013:SUM


Peng:2015:DTT

REFERENCES

Peng:2016:TAL

Preiner:2019:GPS

Peng:2017:DDL

Poms:2018:SEV

Paris:2008:HPG

Padilla:2019:BRI

Potmesil:1982:SIG
REFERENCES

ISSN 0730-0301 (print), 1557-7368 (electronic).

Pan:2012:RMC


Pang:2016:DUA


Park:2006:VGM


Peng:2017:MMH


Peng:2018:AAG


Pellacini:2005:UCA


Pellacini:2010:EIE


REFERENCES


REFERENCES

Pharr:2018:GEI


Pottmann:2010:GP


Paris:2011:LLF


Papas:2012:MLR


Portenier:2018:FDS


Pan:2013:ILL

Peer:2015:IVF


Pike:1983:GOB


Pirk:2017:IWC


Prosser:1983:IMG


Peng:2005:GGP


Pauly:2005:MAF


Prada:2016:MGU

REFERENCES

Prada:2017:SAP


Prada:2018:GDP


Pellis:2019:VSP


Pauly:2006:PBM


Pirk:2017:UEOa


Pirk:2017:UEOb


Peters:2015:STM

Pauly:2003:SMP

Panetta:2019:XSN

Paczkowski:2011:ISA

Peng:2018:SRL

Pellacini:2007:AEM

Poranne:2014:PGP
REFERENCES

Piovarci:2018:PAM


Pereira:2017:PAA


Pan:2015:FAS


Pottmann:2007:GML


Pattanaik:1995:AER

REFERENCES


Pamplona:2010:NID


Pons-Moll:2017:CSC


Pons-Moll:2015:DMD


Patterson:2012:SCN


Pauly:2008:DSR


Pfaff:2014:ATC


Pirk:2012:CAM

0730-0301 (print), 1557-7368 (electronic).


Perez:2017:CDA


Paluszny:1993:FTC


Paglieroni:1994:HDD


Peng:2018:DPU


Pamplona:2011:CIM

Vitor F. Pamplona, Erick B. Passos, Jan Zizka, Manuel M. Oliveira, Everett Lawson, Esteban Chua, and Ramesh

Panozzo:2014:FFA


Paoluzzi:1995:GPP


Pang:2008:SAH


Park:1997:SII


Peters:1997:SSS


Park:2018:PPM

Keunhong Park, Konstantinos Rematas, Ali Farhadi, and Steven M. Seitz. PhotoShape: photorealistic materials for large-scale shape

**Papas:2013:FTM**


**Palacios:2017:TFD**


**Pereira:2014:CLR**


**Pejsa:2016:ADG**


**Paille:2015:DAB**


**Pai:2018:HTM**

Panetta:2017:WCS

Peters:2004:CDS

Petschnigg:2004:DPF

Pottmann:2008:FSS

Pascucci:2007:RLC

Pilleboue:2015:VAM

Popovic:2003:MSC


[PTC+15] Jesús Pérez, Bernhard Thomaszewski, Stelian Coros, Bernd Bickel,

Pellacini:2002:UII


Pfaff:2012:LVS


Pfaff:2009:STU


Patney:2015:PFA


Pietroni:2017:PBT


Prautzsch:2006:PTS


Plantinga:2006:CCG


Pediredla:2019:EPC


Pellacini:2005:LHH


Pellerin:2018:TSH

Jeanne Pellerin, Kilian Verhetsel, and Jean-François...
References


REFERENCES


Penner:2017:SRV


Pen:2011:CEQ


Pan:2013:EPD


Panetta:2015: ETA


Qin:2017:WBNa


Qin:2017:WBNb


Qin:2016:FED

Yipeng Qin, Xiaoguang Han, Hongchuan Yu, Yizhou Yu, and Jianjun Zhang. Fast and exact discrete geodesic computation based on triangle-oriented wavefront propagation. ACM Transactions on Graphics, 35(4):125:1–125:??, July 2016. CODEN ATGRDF. ISSN 0730-
REFERENCES

0301 (print), 1557-7368 (electronic).


Ribardiere:2019:MBG


Raskar:2004:RLI


Roussel:2019:DCR


Rosenberger:2009:LSS


Rivers:2010:MS


Ren:2015:IBR


Reeves:1983:PST

W. T. Reeves. Particle systems—a technique for modeling a class of fuzzy objects.

Ritschel:2009:MRS

Ressler:1987:IGT

Runions:2005:MVL

Ramanarayanan:2007:VET

Raymond:2016:MSR

Ritschel:2008:ISM

Redon:2005:ADA
REFERENCES

Rubinstein:2010:CSI

Ramamoorthi:2002:FSE

Ramamoorthi:2004:SPF

Roberts:2016:GDF

Risser:2010:SSI

Rusinkiewicz:2002:RTM

Reibold:2018:SGS

Rabinovich:2018:DGN
[RHSH18a] Michael Rabinovich, Tim Hoffmann, and Olga Sorkine-Hornung. Discrete geodesic


REFERENCES


Rivers:2012:PCT


Ritchie:2015:CPM


Robinson-Mosher:2008:TWC


Raskar:2007:PLA


Rasmussen:2003:SSL


Robertson:1985:ASS

Robertson:1987:CAS


Rodham:1994:STM


Rustamov:2013:MBE


Rockwood:1989:DMI


Rossignac:1994:ISI


Rossignac:2020:COT


Ritschel:2009:IRE

[ROTS09] Tobias Ritschel, Makoto Okabe, Thorsten Thormählen, and Hans-Peter Seidel. Interactive reflection editing. ACM Transactions on Graphics,
Reitsma:2003:PMC


Reitsma:2007:EMG


Rosenberg:2009:UIM


Rohmer:2010:AWE


Ren:2005:DDA


Reinhard:2012:CIA


Rabinovich:2017:SLIa

REFERENCES

Rabinovich:2017:SLIb

Ren:2018:COP

Rhodin:2016:EEM

Riviere:2017:PIR

Regg:2010:CHH

Reinert:2013:IED

Rosales:2019:SVR
Enrique Rosales, Jafet Rodriguez, and Alla Sheffer. SurfaceBrush: from virtual
REFERENCES


**Raghothama:1998:BRD**


**Raghuvanshi:2018:PDC**


**Rubinstein:2008:ISC**


**Rubinstein:2009:MOM**


**Ren:2005:LSF**

REFERENCES


Reshetov:2005:MLR

Ritschel:2008:UMS

Ray:2016:PFF

Ray:2018:MVG

Raghuvanshi:2010:PWS

Reshetov:2010:CNI

Reinhard:2002:PTR
Rushmeier:1990:ERM


Romero:2017:EHM


Ritschel:2010:ISS


Raskar:2004:NPC


Rhodin:2015:GWG


Rempel:2007:LFR


Rusinkiewicz:2019:SOF

Szymon Rusinkiewicz. A

Rossignac:1989:AZC


Rossignac:2011:SAM


Ray:2008:SDF


Raskar:2003:IGA


Rappoport:1993:UID


Ray:2009:GAD


Ren:2013:GIR

[RWG+13] Peiran Ren, Jiaping Wang,

Ren:2006:RTS

Ren:2011:PR

Raveendran:2014:BL

Rokne:1990:FLS

Rokne:1992:DSI

Rokne:1993:C

Ren:2013:EGP
Zhimin Ren, Hengchin Yeh, and Ming C. Lin. Example-guided physically based modal sound synthesis. ACM Transactions on Graphics, 32(1):
REFERENCES

1:1–1:16, January 2013. CODEN ATGRDF. ISSN 0730-0301 (print), 1557-7368 (electronic).


Sitthi-amorn:2008:ARB


Sitthi-Amorn:2011:GPS


Sarraga:2000:VMM


Sitthi-Amorn:2015:MMV


Sitharam:2006:SSN

REFERENCES


REFERENCES

Shin:2015:VTL


Soler:2015:EAS


Schumacher:2015:MCE


Shao:2012:CSC


Sun:2019:SIP


Shi:2009:CMS

Xiaohan Shi, Hujun Bao,

**Sawhney:2018:BFF**


**Sharp:2018:VSC**


**Soler:2002:HPM**


**Schwarz:1987:ECR**


**Stone:1988:CGM**


**Sederberg:2004:SSL**


**Sen:2005:DP**

[SCG05] Pradeep Sen, Billy Chen, Gaurav Garg, Stephen R. Marschner, Mark Horowitz, Marc Levoy, and Hendrik

Skouras:2015:ISD


Sen:2003:SSM


Savva:2014:SIA


Savva:2016:PLI


Sendik:2017:DCTa


Sendik:2017:DCTb


Seiler:2008:LMC

REFERENCES


REFERENCES


Sheffer:2002:SOG


Song:2016:CCF


Selim:2016:PST


Seidel:1993:PFG


Shilane:2007:DRS


Schollmeyer:2009:DTN


Stokes:1992:PRD

462

REFERENCES


0301 (print), 1557-7368 (electronic).

**Stokes:2004:PIC**


**Sechrest:1982:VPR**


**Scheifler:1986:XWS**


**Singh:1991:ALS**


**Surazhsky:2001:CMC**


**Solenthaler:2011:TSP**


**Shen:2017:IRT**

REFERENCES


Suri:1999:ABB


Schussler:2017:MBN


Sloan:2003:CPC


Shrestha:2016:CIM


Stanton:2014:SRG


Sun:2017:PGF


Shi:2017:NEL

Liang Shi, Fu-Chung Huang, Ward Lopes, Wojciech Matusik, and David Luebke.


Shu:2017:PLT


Shu:2018:PLT


Satoi:2016:UMP


Schreck:2019:FSW


Schiftner:2009:PCS


Seo:2011:CDM


Shene:1994:LDI

REFERENCES

toc/Abstracts/0730-0301/197316.html.

**Spencer:2013:PPR**


**Singh:2017:CAA**


**Shan:2008:HQM**


**Schwarzhaupt:2012:PHB**


**Sueda:2011:LSD**


**Schweickart:2017:AER**


**Sunkavalli:2010:MSI**


**Shiue:2005:RGS**

REFERENCES


References


REFERENCES

0301 (print), 1557-7368 (electronic).

Sloan:2002:PRT


Schmidt:2009:ADS


Shum:2008:IPM


Smith:2012:RSI


Sen:2012:RPB


Silvennoinen:2017:RTG


Shugrina:2017:PPI

REFERENCES


Selgrad:2017:CRRb

Sheffer:2005:AFR

Song:2014:MSS

Shao:2016:DFM
Tianjia Shao, Dongping Li, Yuliang Rong, Changxi Zheng and Kun Zhou. Dynamic furni-


Steven Scher, Jing Liu, Rajan Vaish, Prabath Gunawardane, and James Davis. 3D+2DTV: 3D displays with no ghosting for viewers without glasses.


Weifeng Sun and Amar Mukherjee. Generalized

**Schwarz:2015:APM**


**Schissler:2017:ISPa**


**Schissler:2017:ISPb**


**Song:2019:CFF**


**Schumacher:2018:MCS**


**Sigal:2015:PCS**


**Sandin:2005:VAV**

Daniel J. Sandin, Todd Mar-

Shrivastava:2011:DDV


Smith:2018:APP


Sajadi:2011:SPU


Shen:2016:SVS


Sadeghi:2012:PBS


Schissler:2014:HOD

REFERENCES


Pedro V. Sander, Diego Ne-
hab, Eden Chlamtac, and
Hugues Hoppe. Efficient
traversal of mesh edges using
adjacency primitives. *ACM
Transactions on Graphics*, 27
(5):144:1–144:??, December
2008. CODEN ATGRDF.
ISSN 0730-0301 (print), 1557-
7368 (electronic).

Eftychios Sifakis, Igor Neverov,
and Ronald Fedkiw. Automatic
determination of facial
muscle activations from sparse
motion capture marker data.
*ACM Transactions on Graphics*,
CODEN ATGRDF. ISSN
0730-0301 (print), 1557-7368
(electronic).

Thorsten-Walther Schmidt,
Jan Novák, Johannes Meng,
Anton S. Kaplanyan, Tim
Reiner, Derek Nowrouzezahrai,
and Carsten Dachsbacher.
Path-space manipulation of
physically-based light trans-
port. *ACM Transactions on Graphics*,
CODEN ATGRDF. ISSN 0730-
0301 (print), 1557-7368 (elec-
tronic).

Micha Sharir and Mark H.
Overmars. A simple output-
sensitive algorithm for hid-
den surface removal. *ACM
Transactions on Graphics*,
CODEN ATGRDF. ISSN
0730-0301 (print), 1557-
7368 (electronic). URL
http://www.acm.org/pubs/toc/
abstracts/0730-0301/112141.
html.

Erik Sintorn, Ola Olsson, and
Ulf Assarsson. An efficient
alias-free shadow algorithm for
opaque and transpar-
et objects using per-triangle
shadow volumes. *ACM Trans-
actions on Graphics*, 30(6):
CODEN ATGRDF. ISSN
0730-0301 (print), 1557-7368
(electronic).

Martin Sik, Hisanari Otsu,
Toshiya Hachisuka, and Jaroslav
Krivánek. Robust light
transport simulation via
metropolised bidirectional es-
timators. *ACM Transactions on Graphics*,
CODEN ATGRDF. ISSN 0730-
0301 (print), 1557-7368 (elec-
tronic).

Chen Shen, James F. O’Brien,
and Jonathan R. Shewchuk.
Interpolating and approxi-
mating implicit surfaces from
polygon soup. *ACM Trans-
actions on Graphics*, 23(3):
REFERENCES


DEN ATGRDF. ISSN 0730-0301 (print), 1557-7368 (electronic).


[SR97] J. Sánchez-Reyes. The symmetric analogue of the polynomial power basis. ACM Transactions on Graphics, 16
REFERENCES


[Sanchez-Reyes:2000:APP]


[Sun:2009:ADT]


[Sumin:2019:GAS]


[SRF05]


[SRGB14]


[Jos:2011:VIS] Jos Stam and Ryan Schmidt. On the velocity of an im-


Soler:2003:EIA  Cyril Soler, François X. Sil-
lion, Frédéric Blaise, and
Philippe Dereffye. An effi-
cient instantiation algorithm
for simulating radiant energy
transfer in plant models. ACM
Transactions on Graphics, 22
(2):204–233, April 2003. CO-
DEN ATGRDF. ISSN 0730-
0301 (print), 1557-7368 (elec-
tronic).

Schmid:2010:PME  Johannes Schmid, Robert W.
Sumner, Huw Bowles, and
Markus Gross. Programmable
motion effects. ACM Trans-
actions on Graphics, 29(4):
57:1–57:??, July 2010. CO-
DEN ATGRDF. ISSN 0730-
0301 (print), 1557-7368 (elec-
tronic).

Slater:2010:SVE  Mel Slater, Bernhard Span-
lang, and David Corominas.
Simulating virtual environ-
ments within virtual environ-
ments as the basis for a psy-
chophysics of presence. ACM
Transactions on Graphics, 29
(4):92:1–92:??, July 2010. CO-
DEN ATGRDF. ISSN 0730-
0301 (print), 1557-7368 (elec-
tronic).

Stomakhin:2013:MPM  Alexey Stomakhin, Craig
Schroeder, Lawrence Chai,
Joseph Teran, and Andrew
Selle. A material point
method for snow simulation.
ACM Transactions on Graph-
ics, 32(4):102:1–102:??, July
2013. CODEN ATGRDF.
ISSN 0730-0301 (print), 1557-
7368 (electronic).

Soliman:2018:OCS  Yousuf Soliman, Dejan Slepecev,
and Keenan Crane. Optimal
cone singularities for confor-
mal flattening. ACM Trans-
actions on Graphics, 37(4):
CODEN ATGRDF. ISSN
0730-0301 (print), 1557-7368 (elec-
tronic).

Sharp:2019:NIT  Nicholas Sharp, Yousuf Soli-
man, and Keenan Crane. Navigating
intrinsic triangulations. ACM Trans-
actions on Graphics, 38(4):
55:1–55:??, July 2019. CO-
DEN ATGRDF. ISSN 0730-
0301 (print), 1557-7368 (elec-
tronic).

Sharp:2019:VHM  Nicholas Sharp, Yousuf Soli-
man, and Keenan Crane. The
vector heat method. ACM
Transactions on Graphics, 38
CODEN ATGRDF. ISSN
0730-0301 (print), 1557-7368
Soler:2009:FDF


Subr:2009:EPM


Schmid:2011:OIC


Simo-Serra:2018:RTD


Simo-Serra:2016:LSF


Simo-Serra:2018:MSA


Summa:2011:IEM

REFERENCES

ISSN 0730-0301 (print), 1557-7368 (electronic).

Stomakhin:2014:AMP


Song:2005:SNW


Surazhsky:2005:FEA


Seol:2011:AFF


Sung:2017:CWS


Suwajanakorn:2017:SOL


Schulz:2014:DFE

REFERENCES

Shugrina:2015:FFC

Sumner:2007:EDS

Springborn:2008:CET

Serrano:2017:MEC

Snavely:2006:PTE

Sinha:2008:IAM

Shu:2017:EEE
REFERENCES

0301 (print), 1557-7368 (electronic).

Sproull:1983:D


Salvati:2015:MCM


Stanton:2013:NPG


Shum:2004:PLF


Shalom:2010:CCS


Sand:2004:VM


Schneider:2014:SCC

Schneider:2016:EBS


Stam:2003:FSA


Skouras:2013:CDA


Schertler:2017:FAO


Skouras:2014:DIS


Stone:1992:SIC


Summa:2012:PWF


Song:2009:SRE

REFERENCES


Schwartzburg2014:HCC


Shi:2015:BAR


Sun:2006:RBI


Shapiro:1993:SBC


Solomon:2019:OTB

Stava:2012:SRI


Solomon:2017:BEOa


Solomon:2017:BEOb


Sacht:2015:NC


Sidi:2011:UCS


Schulz:2014:ADO


Samet:1985:SCP

REFERENCES

Schaefer:2005:TQS


Schwarz:2014:PDE


Shu:2018:LAR


Schulz:2018:IED


Sun:2016:MVP


Sewall:2011:IHS


Song:2017:CDW


Shi:2014:AAH

Fuhao Shi, Hsiang-Tao Wu, Xin Tong, and Jinxian Chai. Automatic acquisition of high-fidelity facial performances using monocular videos. *ACM
Song:2015:VRF


Shirley:1996:MCT


Sun:2012:DCT


Shao:2012:IAS


Schulz:2017:IDS


Shi:2005:CSA

Shi:2006:FMA


Sun:2005:ICS


Shi:2014:CTS


Sun:2015:CDT


Schumacher:2018:SSW


Sederberg:2003:SN


Sun:2007:IRD


Szeliski:2006:LAH

Richard Szeliski. Locally adapted hierarchical basis preconditioning. *ACM Trans-
REFERENCES

Sun:2013:LSS

Sun:2010:LSG

Sun:2008:IRD

Sumner:2005:MBI

Shi:2007:MPC

Shi:2008:EBD
REFERENCES


Theobalt:2004:PBT


Talvala:2007:VGH


Tursun:2019:LCA


Tanner:1983:GEI


Tarini:2016:VEU


Taubin:1994:DAR


Taguchi:2010:ACM

REFERENCES

0730-0301 (print), 1557-7368 (electronic).


REFERENCES

DEN ATGRDF. ISSN 0730-0301 (print), 1557-7368 (electronic).

Tang:2016:IDD

Thomaszewski:2014:CDL

Treuille:2006:CC

Tasse:2016:SSB

Toisoul:2018:ASV

Tang:2018:RTC

Tena:2011:IRB
DEN ATGRDF. ISSN 0730-0301 (print), 1557-7368 (electronic).

[TDSG15]


[TDM+14]


[TDMS16]


[TDR+12]


[Tan:2015:DTL]


[Tanner:1982:R]


[Tan:2018:EPB]


[Terran:2018:SDO]


[TG17a] Antoine Toisoul and Abhi-
REFERENCES


Toisoul:2017:PARb


Thiery:2013:SMS


Thiery:2016:AMA


Tsingos:2004:PAR


Tampubolon:2017:MSS


Tan:2014:LBS


Thomaszewski:2008:MM

Bernhard Thomaszewski, Andreas Gumann, Simon Pabst, and Wolfgang Straßer. Magnets in motion. *ACM Trans-
REFERENCES


Tan:2011:ASC


Talton:2009:EMC


Tumblin:1999:TMD


Tompkin:2013:CAL

REFERENCES

Thuerey:2017:ISLa


Thuerey:2017:ISLb


Tevs:2014:RSG


Todo:2007:LCS


Takezawa:2016:FFO


Twigg:2007:MWB


Twigg:2008:BSR


Tamstorf:2015:SAM

REFERENCES

0730-0301 (print), 1557-7368 (electronic).

Tak:2005:PBM

Tang:2014:IGP

Tompkin:2012:VES

Tocci:2011:VHV

Taylor:2017:DLA

Tabellion:2004:AGI

Tan:2017:DILa
Tan:2017:DILb


Tong:2003:DMV


Thul:2018:ACD


Tang:2009:IHD


Teng:2016:ESF


Talton:2011:MPM


Treuille:2006:MRR


Treuille:2007:NOC

REFERENCES

2007. CODEN ATGRDF. ISSN 0730-0301 (print), 1557-7368 (electronic).


REFERENCES


REFERENCES


Jonathan Tompson, Murphy Stein, Yann Lecun, and Ken Perlin. Real-time continuous pose recovery of hu-


REFERENCES

[513]


Thies:2018:FRT


Thies:2018:HRT


Tan:2007:IBT


Umetani:2018:LTD


Ugail:1999:TID


Um:2017:PEL


Umetani:2012:GEP

Nobuyuki Umetani, Takeo Igarashi, and Niloy J. Mitra. Guided exploration of physically valid shapes for fur-

[Umetani:2011:SCI]


[Umetani:2014:PID]


[Usai:2015:EQL]


[Ulu:2017:LSD]


[Umetani:2016:PIR]


[Urban:2019:RRT]


[URL]

[https://dl.acm.org/ft_gateway.cfm?id=3319910]


Vanraes:2006:TSS


Vergne:2016:FGW


Vaxman:2010:MRA


Vergne:2012:SFI


Vlasic:2008:AMA


Vedula:2005:IBS


Vega:2013:ISR


REFERENCES

0301 (print), 1557-7368 (electronic).

Vouga:2012:DSS


Verschoor:2019:EAC


Vorba:2016:ADR


Valentin:2018:DMS


Viitanen:2017:MFH


Vicini:2019:LSA

Vevoda:2018:BOR


Vorba:2014:LLP


vanKaick:2013:CHA


Verdie:2015:LGU


Vangorp:2007:ISP


Venkataraman:2013:PUT


Vaidyanathan:2015:LLF

Vangorp:2015:MLA


Volevich:2000:UVD


Volino:2006:RSC


Volino:2009:SAN


Vaxman:2015:CMD


Vaxman:2017:RMP


Vaxman:2018:CMS

Amir Vaxman, Christian Müller, and Ofir Weber.

VanAken:1985:CDA


vanOverveld:1996:SSD


Vergne:2009:LWE


Vlasic:2009:DSC


Velinov:2018:ACM


Verhetsel:2019:FHS


Etienne Vouga, Breannan Smith, Danny M. Kaufman, Rasmus Tamstorf, and Ei-

**Vanhoey:2013:FMS**


**Vasilescu:2004:TMI**


**vonTycowicz:2013:ECR**


**Von-Tycowicz:2015:RTN**


**Valentin:2015:SIL**


**vanWijk:1984:RTO**


Andreas Velten, Di Wu, Adrian Jarabo, Belen Masia, Christopher Barsi, Chinmaya Joshi, Everett Lawson, Moungi Bawendi, Diego Gutierrez, and Ramesh Raskar. Femto-photography: capturing and visualizing the prop-


Wang:2012:ACA


Wang:2008:SEL


Wang:2005:IVC


Wang:2019:SSG


Wang:2019:SSG


Waechter:2017:VRNa


Waechter:2017:VRNb


Wu:2016:MBT

Chenglei Wu, Derek Bradley, Pablo Garrido, Michael Zollhöfer,


Ryan White, Keenan Crane, and D. A. Forsyth. Capturing and animating occluded cloth.
REFERENCES


Wang:2018:LSS


Wang:2006:CAF


Weyrich:2007:DBR


Weber:2008:PAA


Wu:2011:PBI


Wu:2013:IBS


Wang:2009:KNM

2009. CODEN ATGRDF. ISSN 0730-0301 (print), 1557-7368 (electronic).

[Wes88]


[WFDH18]


[WF96]


[WFA+05]


[WFDH18]

[Westmore:1988:WBG]


[Ware:1996:ESM]


[Walter:2005:LSA]


[Wang:2018:MAO]

Congli Wang, Qiang Fu, Xiong Dun, and Wolfgang Heidrich. Megapixel adaptive optics: towards correcting large-scale distortions in

**Weyrich:2007:HAS**


**Wang:2009:OWC**


**Wang:2010:OWC**


**Wolper:2019:CMC**


**Wang:2012:AIB**


**Wang:2009:MAT**

[WFS+09] Yu-Shuen Wang, Hongbo Fu, Olga Sorkine, Tong-Yee


Wilson:2010:TUP


Wenger:2005:PRR


Wang:2013:PAS


Wolski:2018:DMP


Wang:2012:HQL


Wang:2012:OLC

Jack M. Wang, Samuel R. Hamner, Scott L. Delp, and Vladlen Koltun. Optimizing locomotion controllers using

**Wood:2004:RET**


**Weghorst:1984:ICM**


**Wu:2015:DPC**


**Winchenbach:2017:ICA**


**Wang:2010:EBW**


**Walter:1997:GIU**


**Wang:2011:SCV**

[WHSL11] Yu-Shuen Wang, Jen-Hung Hsiao, Olga Sorkine, and


REFERENCES

Wilburn:2005:HP1


Wang:2008:CRM


Ware:1995:UVT


[WK95]

Walter:2012:BL


Wang:2018:TGO


Weiskopf:1999:SDE


Won:2016:STD

Jungdam Won and Jehee Lee. Shadow theatre: discovering


REFERENCES


REFERENCES

Wang:2009:PGL

Wilson:2003:SCE

Wanat:2014:SCC

Wang:2019:HMS

Wei:2011:PVS

Weyrich:2006:AHF

Wang:2005:WDS
Wu:2015:UAS

Wang:2013:VBH

Whiting:2009:PMS

Winnefeld:2006:RTV

Wei:2005:MHM

Wang:2010:MRI

Wang:2011:DDE
REFERENCES


**Won:2017:HTY**


**Wang:2006:FBS**


**Won:2018:ACF**


**Weidner:2018:ELC**


**Weyrich:2009:FMC**


**Wampler:2007:RTE**


**Wampler:2014:GLS**

REFERENCES


Weissmann:2014:SRS


Wang:2018:TWB


Wang:2018:ASH


Wadhwa:2013:PBV


Wang:2009:AFR


Wicke:2010:DLR


Wu:2012:EVM


Woo:1985:LTA

Ward:1999:HRC

Wu:2017:IRSa

Wang:2018:DCP

Wang:2016:UTT

Hao Wang, Nadav Schor, Ruizhen Hu, Haibin Huang, Daniel Cohen-Or, and Hui Huang. Global-to-local generative model for 3D

Wolff:2019:WPA


Wang:2017:BMI


Wang:2019:DGC


Wang:2018:ACP


Wang:2011:EDS

Chun-Po Wang, Noah Snavely, and Steve Marschner. Esti-


REFERENCES

Wu:2013:SPC


Whiting:2012:SOM


Wang:2016:REG


Wu:2019:KSM


Wang:2014:VIS


Wang:2018:DSD


Wojtan:2008:FVB


0730-0301 (print), 1557-7368 (electronic).


REFERENCES


Wang:2006:DCI


Wu:2019:SSA


Wang:2008:FRC


Wang:2005:CTA


Wonka:2003:IA


Wang:2003:VDD


Wang:2006:ESS


REFERENCES


Walter:2009:SSR

Wang:2017:LFV

Wu:2014:RTS

Wu:2018:FRT

Wang:2008:MRH

Wang:2008:MAS

Wang:2010:VST
Lvdi Wang, Kun Zhou,


REFERENCES

2013. CODEN ATGRDF. ISSN 0730-0301 (print), 1557-7368 (electronic).


[XDF+19] Jie Xu, Tao Du, Michael Foshey, Beichen Li, Bo Zhu, Adriana Schulz, and Wojciech Matusik. Learning to fly: computational controller design for hybrid UAVs with reinforcement learning. *ACM Trans-


REFERENCES


[XKF+18] Lei Xiao, Anton Kaplanyan, Alexander Fix, Matthew Chapman, and Douglas Lanman. DeepFocus: learned image synthesis for computational displays. *ACM Trans-
Xin:2016:CPD

Xu:2015:IMD

Xin:2011:MBP

Xia:2018:IG

Xu:2011:VBC

Xia:2016:IMM
Mingliang Xu, Mingyuan Li, Weiwei Xu, Zhigang Deng, Yin Yang, and Kun Zhou. In-


[XRLF15] Tianfan Xue, Michael Rubin-


Weiwei Xu, Nobuyuki Umentani, Qianwen Chao, Jie Mao, Xiaogang Jin, and Xin Tong. Sensitivity-optimized rigging for example-based real-time clothing synthesis. *ACM
References


Xin:2009:ICH


Xin:2016:IGF


Xia:2015:RST


Xu:2008:AAM


Xing:2015:AHD


Xu:2014:DHC


Xu:2009:JAM

REFERENCES

Xu:2006:ACP

Xie:2018:CCC

Xu:2012:SET

XZCOC12

Xu:2012:MSP

Xiao:2018:CDT
REFERENCES

8:1–8:??, January 2018. CODEN ATGRDF. ISSN 0730-0301 (print), 1557-7368 (electronic).

[Xu:2009:PIR]

[XU:2010:SBA]

[XU:2007:GDE]

[XU:2017:ARU]

[XU:2011:PIM]

[Xiong:2014:RSR]

[Xiao:2018:FEI]

Yeh:2013:STP

Yin:2008:CMA

Yu:2017:CDT

Yumer:2015:SSE

Yao:2015:LSB

Yang:2017:UPS

Yeung:2016:ICC
[YPCL16] Yu-Hong Yeung, Jessica Crouch, and Alex Pothen. In-


REFERENCES

Yin:2018:PNB

Yan:2014:RGH

Yuksel:2007:WP

Yi:2018:DPI


[YJL+16] Xiao Yan, Yun-Tao Jiang,


REFERENCES

Yamane:2004:SAH


Yuksel:2010:MC


Yuksel:2012:SMM


Ye:2008:ARC


Ye:2010:OFC


Ye:2012:SDH


Yi:2018:DMS


Yan:2018:VCE

[YLJ18] Yajie Yan, David Letscher, and Tao Ju. Voxel cores: ef-

** REFERENCES**

**Yeo:2012:ESV**  

**Yoon:2005:COM**  

**Yin:2007:SSB**  

**Yang:2015:EPR**  

**Yan:2018:IDM**  

**Yumer:2016:SST**  

**Yeh:2013:WRC**  
Hengchin Yeh, Ravish Mehr, Zhimin Ren, Lakulish Antani, Dinesh Manocha, and Ming Lin. Wave-ray coupling for interactive sound propagation in large com-

**Yan:2015:FSF**


**Yang:2009:AS**


**Yaniv:2019:FAL**


**Yee:2001:SSV**

H. Yee, S. Pattanaik, and D. P. Greenberg. Spatiotemporal sensitivity and visual attention for efficient rendering of dynamic environments.
REFERENCES


Yeh:2009:FMT


Yue:2015:CFM


Yucer:2016:EOS


Yan:2016:ETM

Yuksel:2009:HM


Yan:2014:PSI


Yang:2011:AR


Yamaguchi:2018:HFF

[YSN+18] Shuco Yamaguchi, Shunsuke Saito, Koki Nagano, Yajie Zhao, Weikai Chen, Kyle Olson, Shigeo Morishima, and Hao Li. High-fidelity facial reflectance and geometry inference from an unconstrained image. *ACM Trans-

Yuan:2007:IDB


Yuan:2008:PIS


Yan:2017:CIL

Yu:2013:RSP


Yeung:2011:MCT


Yan:2015:PAR


Yu:2018:LSL


Yang:2011:IBB


Yan:2013:GPA


Ying:2013:SVG


REFERENCES


Yu:2018:SSC


Zhang:2017:FAR


Zhu:2014:MMC


Zhao:1994:IKP


Zhao:2005:ASF


Zhao:2013:IAS


**Zhang:2016:ERR**


**Zou:2016:LCC**


**Zhao:2018:WCP**


**Zollhofer:2015:SBR**

Michael Zollhöfer, Angela Dai, Matthias Immann, Chenglei Wu, Marc Stamminger, Christian Theobalt, and Matthias Nießner. Shading-based refinement on volumet-
ric signed distance functions. 

**Zhang:2014:LBC**


**Zhou:2003:IMT**


**Zhou:2010:PRH**


**Zhang:2019:CDF**


**Zsolnai-Feher:2018:GMS**


**Zelinka:2002:PGP**


**Zelinka:2004:JMB**

REFERENCES

Zhao:2016:CFS


Zhong:2013:PBA


Zhao:2016:RTC


Zhao:2018:SDA


Zou:2015:TCS


Zhou:2016:MAS


Zhou:2005:PSF

**REFERENCES**

**Zhang:2010:WBA**


**Zhou:2018:SDC**


**Zhou:2009:RIR**


**Zhao:2013:MFT**


**Zhu:2018:SDI**


**Zhuang:2018:SDG**


**Zhou:2005:LMD**


**Zhou:2006:MQG**

REFERENCES


[Zhou:2008:RTK]


[Zhou:2012:PSG]


[Zhou:2007:DMS]


[Zit13]

[Zitnick:2013:HBU]

[ZHWW12]


[ZHWW12]


[ZIT+18]


[ZIT+19]
REFERENCES

Zheng:2009:HF

Zheng:2010:RBF

Zheng:2011:THQ

Zheng:2012:EBS

Zeltner:2018:LLC

Zhou:2014:TCS

Zhao:2011:BVA

Zhao:2012:SAS
Shuang Zhao, Wenzel Jakob, Steve Marschner, and Kavita


REFERENCES

63:1–63:??, July 2013. CODEN ATGRDF. ISSN 0730-0301 (print), 1557-7368 (electronic).

Zhao:2016:PPL


Zhu:2014:AIE


Zhang:2015:PMP


Zhao:2016:PPL

Zhang:2018:TSS


Zhu:2016:GOT


Zhang:2011:ESC

Ren-Jiang Zhang and Weiying Ma. An efficient scheme for curve and surface construction based on a set of interpolatory basis functions. ACM Transactions on Graphics, 30(2):
Zhang:2013:STE

Zordan:2005:DRM

Zhang:2019:SDL

Zayer:2018:LFN

Zhang:2005:FBS

Zhang:2006:VFD

Zhang:2006:PDA
REFERENCES

Zollhofer:2014:RTN

Zehnder:2018:ARS

Zimmermann:2019:PRA

Zhu:2017:PIE

Zwicker:2002:PIS

Zhou:2013:WCS

Zhu:2014:CST
REFERENCES

Zheng:2019:CAG


Zhong:2012:DAV


Zhao:2014:HOS


Zhou:2008:RTS


Zinke:2009:PAP


Zhang:2007:CCD


Zhang:2018:ASP

Zhang:2004:SFH

Zhang:2018:MAN

Zhang:2018:JST

Zhu:2010:EMM
ZHENG:2010:NLS

ZHANG:2014:LDC

ZHOU:2018:SML

ZATZARINNI:2009:RAE

ZHAO:2016:DSP

ZHANG:2002:FBL

ZHAO:2014:ISU
Zhong:2018:CHD


Zhou:2005:T


Zhang:2016:RBI


Zhu:2018:SSC


Zhang:2013:LA1


Zhou:2018:VAD


**Zhu:2012:MGM**


**Zhang:2015:OSA**


**Zyda:1988:DAC**


**Zhou:2015:GCD**


**Zhong:2014:SFB**

References


Zhang:2015:CHP

Zhang:2017:RTU


Zhou:2013:RRP


Zhuang:2013:GEM


Zhang:2012:VMD

Juyong Zhang, Jianmin Zheng, Chunlin Wu, and Jianfei
