Title word cross-reference

1 [TWSM17]. 2 [AH11, BW09, BSW+12, BG89, BCK+12, BCF94, CLME09, Day90, DGF98, DHH02, DF90, EFGS96, FG88, GD96, GL94a, GL94b, GBS19, GST14, GT16b, GLX+16, HLM97, HCGW14, HRRR18, HL15, HYL+15, IEGC08, KKB16, KCL+18, LJB+12, LWS18, MBES16, MSM+08, MB08, NBHN17, OM13, OW19, OGHT10, PCX+18, PW12, PPBT12, PEPM12, RGG18, SW10, Sch11, SK16a, SSS+12, STP17, The02a, TRS03a, TRS03b, TSH01, WG93, WZL+12, WRS+13, WTHS06, WGS10, WO92, WOB10, YFW12, ZLK05, dGCSAD11, dGLB+14, van90]. 3 [Ais85, AS96b, AA09, ADMAS18, AD01, ANF97a, ANF97b, ASH15, AMSF08, Att15, ATF12, AH11, AKM16, ARG+16, BG95, BP98, BCG+96, BB00a, Bel87, BR02, BGK+96, BCBB16, BMG99, BTG95, BCK+12, BLS+17, BG08, BYB09, BH93, BHMT13, BD14, BCD01, BCF94, BMWM01, BNRSV01, BB08, BL18, CS16, COO15, CCF08, CTS003a, CTS003b, CYY+11, CNKI13, CLB+09, CMPS93, CMS94, CD94, CYJ02, CACB18, CKSW08, DD+17, DSI1a, DCPS08, DGR+14, DER+10, DMS14, DH93a, EWH08, EFGS96, FFD93, FW17, GS14, GD96, GL94a, GL94b, GE98, GTS86, GRT14, GLX+16, GTB14, Han97, HT11, HMT13, HRRR18, HL14, HL15, HMW+15, HBO+10, HE94,
HFL12, HKM15, HCSC16, Hub93, IIS08, IP99, IK01a, Jac85, JBT58, JH15, 
JKL18, JLW10, Joo86, KZB19, KKKB16, KLTZ16, Kil82, Kil85, KK07]. 3 
[KCH18, KGP12, KQWM08, LSF11, LT17, Lav11, LCSI18, LGMT00, 
LJN02, LVT08, LOM18, LGDN15, LGK16, LCM+09, LAFT12, LTX+14, 
LEM+17, LN17, LCWK07, MHS+14, MGY+18, MCHW18, MFT02, MGG10b, 
MBMYR15, MK99, MCG19, MPWC13, MEKM17, MGAF95, NW17, 
NK99, NRM+12, NRP11, NREM14, NMOT01, O’H02, OMT02, 
OPC96, ORT18, PBMG15, PSCC18, PB11, PP89, PEP11b, PGK10, POG13, 
PGG09, PS10, PBC16, RXX17, RKSA17, RI17, Rob93, RCM+01, 
RWP88, RAMG15, RL09, Ros97, RLYL14, SLB+18, SYM10, Sam93a, 
SW92b, SGS14, Sni95, STC16, SB99b, SP03a, SFWS03a, 
SS95, SSB05, SOM04, SJW11, SJWS13, SBL12, TDS16, 
TWS11, TL01, TTW90, TTB12, TBTB12, TW97b, TVD09, TGS96]. 3 
[VPLL08, VCDF95, VGB14b, Vel93, VW95, VB99, WG93, WL08, WL10, 
WCT15, WZK16, WLL+17, WWG07, WAT96, WTHS04, WXW18, 
WLSG03, XLS14, XSS+15, XQ13, XSY+14, XYY+18, YLLL15, YD88, 
YHL+16, YL11, ZCH+00, ZPS03, ZZH15, ZZWC16, ZLK05, ZKWG16, 
ZHK16, ZTG+18, ZSG+18, ZJC13, van90, vJB85, vMRBP17]. 4 
[CVC14, CRC15, HRS18, KBvP17, KGGP18, LWL16a, 
MDC93, MKP+16, NCKG00, VG00, WH17a, WMWG09, ZFG+17, 
dHvP14, vPJ12, vPJHRV12]. 7th [Kun04]. 9th [Kun04]. 22 [SV14]. F 
[THN93, WGS10]. C2 [KP18, KFK94]. D0 [WZL+17]. Δ [Mil90]. E3 [Ska96]. 
ℓ0 [BSH15]. ε [Pic86b]. G [MIGMM17]. G1 [BV99]. G2 [KP11, LS08b]. k 
[FKSS13, MSAP15, VG00]. kd [CC13, HH11]. L [DKY98]. L0 [WT15]. L1 
[WZGF15]. N [Déc05, DVPHS14, NSY09, TPSH14a, ILRS03a, ILRS03b]. Q [Hal99]. r 
[AAK+09]. Σ [Mil10]. 3 [LG00]. t [RBMS17]. τεχνη [Duc14]. z [SDD+92]. 

-bases [SVG+08]. -buffers [SDD+92]. -Buffers [Déc05, MIGMM17]. 
-Continuities [WGS10]. -D [BW09, Bel87, BG89, DF90, HLM97, MGAF95, 
PCX+18, SW10, YS14a, YD88, ZHC+00]. -Dimensional 
[BMG99, ILRS03a, ILRS03b]. -Distribution [RBMS17]. -mappings [Hal99]. 
[CBV14]. -Sampled [AAK+09]. -shapes [CD10]. -Sided 
[NSY09, TPSH14a]. -Sparse [MSAP15]. -Subdivision [LG00]. -surfaces 
-tree [CC13, HH11]. -Valent [RKSA17]. 

//www.eg.org/sbm/= [Che06]. 

10th [Ano95a]. 11th [Ano96a, AJL+11]. 12 [HJL07]. 13th [Ano92]. 14th 
[Ano93, Ano95p, Ano96p, LMD04]. 15th [Ano96b, Ano94]. 16th
[Ano97q, Ano97z, Kon06]. 17th [Ano96l, Ano96s]. 18th [AR06]. 1979
[Gob95, HP95, PB95, SvZ95, TT95b]. 1996 [Ano97-29, BH96, Gob96, PS96b].
1997 [Ano97w, Ano97s, Ano97z, Ano97-28, Ano97-32]. 1998
[Ano97t, Duc98, MJ98]. 1a [Dam91]. 1st [Ano95b, Arn84, Kon06].

2003 [CA05, DT04, FMK04, KSH04, Kun04, LMD04, SCA04]. 2004
[Ano04b, BPB+04, DL04, Kei04, LLR+04, Oil04, Raf05, SZAB04]. 2005
[Des06, Kon06, LLD05, NSGP06, Wil06a]. 2006
[Ano07j, BH06, Duc06b, LLD07, San06, SP06]. 2007
[Bot07, Duc07, Kau07]. 2008 [Ano08e, MTPS08, Wei08]. 2009
[Ano08f, CSLG10, CDD09, DS09, SJ09b]. 2010 [Enc98, LF11, WBP11].
[Ano05b]. 27th [Ano06b, Kil85]. 28th [Ano07g]. 29th [Kon06, Ano08d].
2Brick [KLC+15]. 2D [NSC14, HBW11, LH11, MHDG11]. 2D-D [NSC14].
2nd [Kid84, Ano98b, Ano98c, Che06, CG07a].

3-D [WHL+04]. 3-Manifolds [MDP08]. 30th [LLRD07, Ano09c]. 31st
[LLD05, Ano10a]. 32nd [Ano11c]. 33rd [Ano12d]. 34th [Ano13f]. 3D
[BLVD11, DPT+08, Fre90, JTRS12, PNR89, TW97a]. 3D-audio [DPT+08].
3D-Mesh [BLVD11]. 3D-Model [JTRS12]. 3DOR’09 [PS10]. 3DOR’10

4DCT [AAS+16]. 4PCS [MAM14]. 4th [Ano97d, LLD05, Ano06g].
5th [Ano96c, Arn84, CG07a, Ano97e, Ano98d].

60km [HLH+16b]. 60sec [HLH+16b]. 6DOF [BH15, LAFT12]. 6th
[Ano95c, ZY04, tH83b, Ano88a, Ano98e].

7th [Ano95d, Gal84, Kil85, Ano89].

'81 [Enc81]. '82 [WG82, Wat82, Kid82, Kuh82]. '83
[HP84, SW83, tH83a, End83b, HEtH+83, Joo86, tH84]. '84
[Arn84, Hop84, TB84]. '85 [Van85, Gre85]. '86 [HD86, Req86, Rob87, Mor86].
'87 [How87]. '88 [DJ88, Wat88]. '89 [HHS89, Arn89, Jan89]. 8th
[Ano97f, Ano97-32, AJL+11, Ano98f, Ano98g, DS98, TvdP98].

'90 [Duc90b]. '91 [HB91]. '92 [Arn91, Ano91c, Ano92]. '93 [Ano93]. '94
[Ano94]. '95 [Ano95], Ano95k, Ano95o, Ano95z, Gob95, HP95, PB95, SvZ95,
TT95b, Ano95i]. '96
[Ano95i, Ano95m, Ano96g, Ano96h, BH96, Gob96, PS96b, Ano96l]. '97
[Ano96j, Ano96k, Ano97v, Ano97w, Ano97o, Ano97-28, Ano97-32, Ano96i, Ano97u]. '98
[Ano95n, Ano98d, Ano97y, Ano97x, Ano98u, Ano98v, Ano98w]. 9th
[Aus91, Ano91a, Ano97g, Ano98h, Ano98i, Ano98j]. 9x [DDR93, ND94].

= [Che06].

Ablation [RWS+10]. Absolute [GBS19, KRM+15]. Abstract
[BBP10, DH93b, Han05, HW10, HKSK18, MG87, PBK10, TC93].

Abstraction
[BPWG07, BS08, BHU10a, CG02, CD08, CWW+11, CYY11, CB09, CGG+03a, CGG+03b, CAE08, CGGF05, CG07b, CPK09, DTM96, DMNV12, DMAC03a, DMAC03b, DDC09, DRS09, FHHJ18, FP04, FCWG02, GGW98, GPK+12, GCSA13, GMC+06, GV05, GBP07, HWC+05, HH98, HJ99, IP00,]

\[4\]
IFL13, JZYP18, KL14, KH19, KJ92, KMS07, KBT+12, KKR18, LGP14, LPD14, LMPS16, MWN+17, MTF03a, MTF03b, NGM14, OK12, PJ94, PCK09, PGSD13, PW98, RCB11, REH+11, RAMG15, RÖG17, SVLL10, SHS99, SS09, SP01, SO12, SD94b, SKSS14, ST08, SGEM16, TsdSK13, Ure00, WDGT01, WN09, XSSM13, WYY08, YIC+11, ZBP99, ZZWC16, ZJL+15, dS96, vTKP11, FCS16, LBT92, Rap92]. Adaptively [And10, DRS08].

Adding [Bak88, BB17, LAA08, SSJ+10, WYKR17]. Additively [Man16].


Aesthetic [Gda17, KM16, OM13]. Aesthetics [Ano08e, Ano08f, DH16, ID10, IC11, NSGP06]. Affect [Ano08e, Ano08f, DH16, ID10, IC11, NSGP06]. Affine [BLTD17, KHK09, NG92, NR95, Vax12, dFSV03, dS96]. Affine-Kernel [BLTD17]. Africa [GS06]. African [GSHM10]. AFRIGRAPH [GS06, GSHM10]. after [MGN17, SHZD17]. Afterimages [RE12]. Again [GLG+16]. Against [HL02]. Age [Fra83]. Agenda [Arn08]. Agent [EBMT00, LCM+18, SG095]. Agent-Based [LCM+18]. Agents [BBT99, LPSV14, NG03a, NG03b, RPA+15, Bad93]. Agglomerative [DCYG19]. Aggregate [BNH+16]. Aggregates [SM14a]. Aggregation [HBW11, LH11, MMV+13, MHG11, ZAM+16]. Agile [BH15, LMLG15, LMPD15, MRT08]. Aging [BPBM04, DGA04, GMW04, HCG08, IGAG15, KB04, SSSB07]. AGM [Ano95p, Ano96b]. AGREES [RK94]. Aided [BF84, Owe88, Owe89b, Owe94, Owe90b, Owe92a, Owe93, Owe95]. Aiming [DKYN96]. Air [BJA+15, EHH+13]. Airline [RPMO13]. al [BPY16, ERA+16, Man16]. Alain [Fin01]. Albedo [GMD10, WL08].

Albero [DPD+17]. Album [ZH12]. Albums [RGM+18]. Albuquerque [OSL82]. Algae [DTA94]. Algebra [SAD+16]. Algebraic [EBV01, Gua83, GGG08, RS08]. ALGOL [MA85]. Algorithm [Ano89, AS95, AHT04, BS98, CFFP84, CY89, COF95, Day90, DBG99]. EMP+12, FP04, FP94, FBW01, Fis98, FA87, Hew84a, HS98, HB94, HO90, KSKAC02, Kuz90, Kuz95, LLA06, Lin85, Liu94, LZY04, LSZO8, LCDW16, LS15, Mil84, Moh87, MGAF95, NW01, O'H02, OM13, PM16, PJ94, RHv95, RR94, SB13, SAAB11, Ska87, Sug94, SN84, TT95a, TTN+13, TBKP12, VW90, WC05, WZKP14, ZCO97, vKB94, AP92, BP93, BLS93, BBA08, Day92, FND92, JCT14, Kra92, LCLJ10, Rap92, Ska96, ZJC13]. Algorithmic
Algorithms [AGR19, AR94, BCS96, BZL+18, CDSS14, Day88, FMH16, G18, HH11, HSS17, JEO00, JFS09, KS13a, LS89, Mil83, MBW+05, SSO+10, SM86, SLD+17, SG96b, SN86, TIS+95, UW06, Vel99, VCC98, WH17a, DFIM15, DMC+17, EMU17, SDD+92, VW91]. Alias [SEA08]. Alias-free [SEA08]. Aliased [DS05a, Liu94, TNF99]. Aliasing [AGJ12, BK01, Chr86, DFY14, Pil85, GM06]. Aligned [CK14, DLY+18, KCL+18, NZH+18, PWS12, TLRB18, WYKR17]. Alignment [AGP08, AKM16, CIE+16, CRC+15, COF95, ESKBC17, GVS+15, SBC14, SDK+15, NNRS15]. All-Frequency [IFL13, MC10b, OPP10, IFD12]. All-Hex [GSZ11]. All-Integer [Liu94]. All-scale [LN17]. Alleged [RPSF15]. Alleviating [BMS+10]. Allocation [DDH+18]. Allocator [VH15]. Allometric [MKR11]. Along [BJG+15, LSˇZ08]. Alpha [GMW97, GO010, WMTG05, ZHC+00]. Along [BJG+15, LSˇZ08]. Alpha [GMW97, GO10, WMTG05, ZHC+00]. Along [BJG+15, LSˇZ08]. Alpha [GMW97, GO10, WMTG05, ZHC+00]. Along [BJG+15, LSˇZ08]. Alphabetic [LO95]. Alternating [HCW17]. Alternative [EWK+13, MKV09, GUI92]. Alvey [Cre88]. Ambient [LK10, LWDB10, MSW10, MBDC15, PB07, RMD+08, SGG15, Tim13, YWC+10]. Ambiguity [SJB+17]. Ambiguous [AHM09, CD14]. Ambrosio [BCGL18]. AmniVis [NLB+13]. Among [Man16]. Amplification [BDC18]. Anaglyph [LMG16, SW11]. Analogy [MHS+14]. Analogy-driven [MHS+14]. Analyses [BMS+10, XBL+18]. Analysis [ASB+17, AYLM13, AFK+14, AAS+16, ABG+12, A09m, ACC15, ACHS18, AGCO13, BAT11, BBT+06, BSK16, BPW14, BDF+14, BPF11, BWM+11, Be09, BC14, BSK+17, BMP12, BHMT13, BvLBS11, BTB13, BHA10b, BCW08, CT11, CD18, CBK+17, CKGC14, CSG+09, CLC11, CJZW12, CML+15, DAF+18, DW13, DI18, DPD+15, DG97, EKFM12, ERHH11, EH+13, ER18, ESKBC17, EBC17, FDABS99, FR11, FKRW16, GHX+17, GMLMG12, GBAL09, GD96, GL12, GL94b, GWG14, HK12, HRD+15, HDS99, HCGW14, HCS18, HCW17, HG18, HMP+12, HFL12, HSVK18, HWAG09, HM15, HO17, JFCS17, JNM+09, JE13, JKK+18, JKCM16, KMA15, KFI10, KBHM15, hKLS00, KLC10, KHIK01, KCA+16, KAS13, KVD+10, KKL+16b, KTW+13, KSDK13, KBO+14, LCF+12, SLS+12, LZW+13, LMG+18a, LB19, LFS+15, LZ07, LZSCO09, LVT+15, LA15, LJC17, MTR08, MJ17, MPM+14, MGB+12]. Analysis [MRCB18, MC10a, MLD+18, MHHH15, MKO+08, Mnn83, NGB+09, NHL16, NOM01, OAM+18, OT12, OBCC13, OMPG13, PSM12, PPW18, PGS+16, Pat16, PPy+16, PPBT12, Pos11b, PB90, RCM+16, RP+12, Ric87a, RL14, RHM+12, SHSK16, SPB+17, SW04a, SvW13, SXY+11, SV10, SS12, SMJ17, Sl16, SGB13, SS15b, SM+14, SOG09, SJW+11, SMB+17, SKFCN97, TFA+11, TWC+09, TPRH11, VH+18, WMS+08, WXL+11, WMZ12, WCB15, WHP+11, WAF+11, XDC+13, XKHK17, YMMS06, YNM+13, ZAM+16, ZSL+17, vLKS+11, BG93, DFIM15, GL94a, KGGP18, KRA92, M08, NGM14, NNN11, SNJ+14]. Analysis-Oriented [MC10a]. Analytic [AGJ12, AWJ13, HC14, MS13, MRMH12, MMG10, NBMJ14, TT97, TTB12].
Analytical [PP09a]. Analytics [ARRO+17, ALA+18, BEF17, BLY+11, BJA+15, BCWR08, CBK+17, CLY17, DI18, DPD+17, DWT+11, EASKC18, ERT+17, HKD+08, HSK+10, HJM+11, IF09, JZF+09, KMJE12, KWS+15, LGH+17, LRB+15, MKO8, ORS+14, PZDD19, RSM+16, RvdHD+15, RCMA+18, RMM15, SGS18, SHP+19, WMS+08, WDC+10, ZAM+16].
Analyzer [LAD02]. Analyzing [JL17, KMJE12, LKZ+15, RXX+17, SHS+17, WDM+12, WH17b].
Anatomical [CLME09, DMNV12, GRP10, JBB+08, ZHK15]. Anatomy [NJB+11, ZPS03]. Anatomy-Based [ZPS03]. Anatomy-Guided [NJB+11].
Anchor [AR95]. Anchored [SHS+17]. Anchors [SFLP18]. Andreas [Ano97z, Ano97-32, LLR+04, LLD05, Ano95z].
Aneurysm [NGB+09, SLB+18, vPGL+14]. Aneurysms [MVB+17, NJB+11, NLB+13]. Angeles [Ano97-32, LLR+04, LLD05, Ano95z].
Aneurysms [MV+17, NJB+11, NLB+13]. Angiography [SSM12]. Angle [AVR16, Gam16, LAD02, VR12, SHD16]. Angle-Analyzer [LAD02].
Angles [SK16b]. Anglia [Ano97z, Ano97-28, AEL+82]. Angular [KB89]. ANIMA [MM93]. Animacy [RAP08]. Animal [DHS+13, GKPL11, GJL+09, KOB+08, SlvL16, WPP13]. Animals [KKBJ16, Ter02, WF97]. Animatable [LGMT00]. Animated [BT95, BSAP11, GEFY12, GFW+06, GRR+16, KSO10, KFA+14, LS10a, LPA14, LLD10, PC89, SC16, SS96b, SO10, SWG08, TTB12, TGS96, WMM+09, WS02, XGQ13, YGG18, van89a, Bad93, SSK94]. Animating [BCN03b, BCN03a, BY08, BVS04, CCI+07, GRP10, HKO3b, JL00, KRFC09, NJ04, OAS09, PNVS17, QNTN03b, SJI13a, SRH+09, SOH99, WF97, WHL+04, DTKT93]. Animation [ATBG08, Ano97-27, Ano98f, Ary86, AB97, AW13, ARG+16, AO13, BYL16, BCN03b, BSC16, BS19, BTST12, BM15, BCP+95, BPB+04, BBL12, CH12, CTL13, CKGC14, CKBO4, CZZ+18, CYI+12, CNKI13, CYJ02, CKE+12, Co05, CMTO2, DAP08, DTS08, DN08, D000, DF90, DK98, Dur01, ECN14, GLH809, GP12, GEGK06, GFW+06, GW05, GCV+14, HMLP13, HK09, HENYSY16, HE01, HK060, H690, H691, Hene94, HSMC13, HK03a, HKO3b, HS14, HLL16, ITY10, JCK+13, JK13, JL10, KL14, KZ10, KSO10, KL19, KHK01, KMT03a, KMT03b, KMA05, KYC16, KMB94, KSL12, LLO0, LF11, LIL5, LCL07, LCSCO10, LXFW11, LAFT12, MTT189, MCH94, MPP+13, MB97, MH07, MBCN09, MGC+16, MAA+09, Moh87, MCT01, NB88, NAS07, OIST91, OAO11, OTH02, Osh80, PG95, PHTB12, PPD07, PAT95, PMG13, PG08, PTFB+03a]. Animation [PH94, PH96, PT88, RAP08, RLX06, RHC08, RPPD17, RSKN08, SCA04, SSSK04a, SKZS11, SCR+18, SL99, SN106, SMM13, SLT08, SIKDM05, Sui95, SIS13, SBC+17, SKCO1, SJF11, TFK+03a, TFK+03b, TCLK12, TTN+13, TWT+16, TMO04, TMT86, TvdP98, TAAP+16, TG98, VVE+10, VSC01, WPP13, WUS+15, WSG05, WDAH10, WH96, XWG+13, XLL+10, YLH94, Ye08, YMM+17, YM06, YKH+09, YYP07, YLRC10, ZISS04, ZLYL17, ZLK05, ZXTD10, ZLKW13, ZRJ+15, vBE11, van97, vdP97, BH96, DTG96, DRBR09, ESP92, HGW92, HPT89, JW89, K92B, LG92, MM93,
Rob93, TT95b, TD00, WO92, YNBH09, AFHdL14, CIPT14, GDAU14, HNJ+14, JZW14, RTK+14, TPSH14b, TSK14, VB14a, VF14, WGO+14.

**Animation-Aware** [MPP+13].  **Animations** [AM00, BG95, BBT11, DDM03, DTTS08, FLJ+14, HVAPB08, MP10, NC10, OZS08, PC94, VS09, VT94, GDAU14, VF14].  **Anisotropic** [AA06, BPY16, BMR+16, CHK13, DGF98, FV14, HMS09, HP04, KMG96, KKD09, MYLZ16, MRMH12, QCW+18, SGW12, VF14, ZJCJ14, RGB+14].

**Anisotropy** [GCP+09, OBH+11, PWP08].  **ANN** [TSP+16].  **Annotated** [How89, KLTZ16, RAMG15, WTH+13].  **Annotating** [WCM15].

**Annotated** [How89, KLTZ16, RAMG15, WTH+13].  **Annotating** [WCM15].

**Antialiased** [PWC+09].  **Antialiasing** [CW99, JESG12, LA06, Sch01, NG92].

**Any** [MRL10, MFL13, Pas02, Kur15, ML91].  **AOI** [BKW13].  **Aorta** [KPG+17, MKP+16].  **Aperiodic** [PGG09b].  **Apertures** [MPCG12, MRD12].  **APEX** [GS85].  **Apparent** [SLTM08].  **Appearance** [ACG+17, BSH12, BPV+09, BDAA10, CRC+15, DWL+09, DDKL09, DKY16, DHI+15, EKM01, GCP+09, GMM+12, GG15, GCGP18, HLR+11, JRJ11, KRP+15, LAS+11, LWB14, MWS+16, MRMH12, MSHD15, MES+11, NSR17, OVB+15, CDS12, PWC+09, PdMJ14, RK09a, SPN+16, SKZ11, SSCO09, VAW+10, VF16, WRK+16, WW11, WDR11, WZ15, YLD+18, YMS06, YIC+09, CVCH14, IMDN14, NNRS15, VSD09].

**AppFusion** [WZ15].

**Application** [ABC+04, AM95, BB08, Büh01, CL99, Deb18, DMCP94, End84b, HSK+10, HWW+13, LDB07, LFC14, Mac84, ML91, PA06, PS95, SMTG07, YB18, BM93, CFM93, HS92, HK92].  **Application-Specific** [Deb18].

**application/graphics** [HK92].  **Applications** [AKB+95, AAS+16, BR07, BAA+16, BMD+08, BPY16, BF84, BCBB16, BGB+08a, BBC+05, Bry96, CDSS14, CG16b, DDM03, DWL08, DDV+92, Dia84, DPD+15, ED07b, EHH+13, FPC+16, FMH16, FR00, GI18, HSC+05, HBO+10, HGB+10, HSvK18, HTSFP09, JNX+08, KH19, KOB+08, KCA+S6, LD03, LCDW16, MWS+10, Mkk82, MPWC13, MLK+13, MMH+08, NSWHD16, NG03a, NG03b, NMOT01, NK16, OLF+14, P010, PW13, PT03, PP89, PDW+14, RPM013, Sal96, SBD15a, SSB+14, SRH+09, SHPS08, SG96b, TLG99, VG00, VCC98, VBB+06, VBBH13, WDC+10, WJB+13, WBCG09a, WBS+13, WDD11, WVKR08, WVV09, WKM+09, XYL09, YNM+13, ZHC+00, ZWRH14, ZK08, ZTG+18, vvT84, vL90, Bar92, PHM+14, Sas92, SGM+93, TT94, Bar06, Kj92].

**Applied** [Des04, SKFN97, WH17a, CRW83, KDCM14, YMM10].  **Applying** [Rok97, SHP+19, XADR13, YR97].  **Appreciation** [Fiu01].  **Approach**
[AE86, AHMAM15, AM95, Ary84, Ary86, ABCCO13, BSAP11, BWS03a, BWS03b, BB91, BPMG08, BLW11, BBBL11, BBL+09, Buc98, CC14, CN05, Chr86, CMT05, CAH00, DJV+06, DPD+17, Dvt90, DDrR94, ELM+12, Enc82, Fau96, FM04, GLHH13, GD10, Gna83, GCL+06, HJM+11, HBK02, HJS+17, IK00, JBG17, JC94, JWL+13, KPRN11, KPNS10, KS10, KK18, KVLS99, KB00, Lai13, LD04, LL00, LDdLRB16, LZQ13, LZX+08, ML03, Men95, Mér11, MKO+08, NBCW+11, NMOD01, OSR+14, OMT02, PR19, PPD07, PZDD19, PI94, PC12, Pick6b, PB07, PNVS17, RPZ02, RCB+17a, Ros13, RGTc98, SW10, Sch00, SKZ11, SLCZ09, TMLR14, TW06, TC94, WHWB16, WLL+17, WW87a, We04, WE97, WT11, WC16, WCH+15, XYL09, YKM12, YD88, ZSP98, ZQQS08, ZCHM09, ZCG98, dGCSAD11, vdEvW13, BS02, BPZ96, EZK08].

Approach [ESP92, GMDW09, HCL93, NN93, PCBL16, SW92a].

Approaches [KCA+16, SDA+18].

Approximate [AHT04, CW99, ENSD12, GRT18, HLS12, KS12a, RLH+17b, SGS14, SKALP05, TPBC09, VG96, YB18].

Approximated [VC04].

Approximately [KLAB15].

Approximating [CG17, EDPB15, HMA15, K208, LSW09, NL13, dFSV03].

Approximation [AMSF08, BGAM04, Bou88, BTP13, BSH15, BB08, CDSS14, EBV05, Kob05, KER+14, LC13, LSKK09, LPG13, Mai00, MS14, MRL10, NBH18b, NL13, PPL13, PCDS12, RR96, SMD+16, SMP13, YGY18, HP11].

Approximations [BF15, GKD07, WB02].

April [Ano97s, BP82, DUC98, Gob96, LSF+11, Kje91a].

ARAPLBS [TE18].

Arbitrary [And89, AASB14, AO87, BV99, CYC15, DHI+15, FS91, GM06, GP09, GE04, HH10, HS08, KHK+09, Kob96, KFA+14, LK13, Lee99, MG10, MMP16, NN89, NS11, NKF09, PF04, RSS96, SMAB02, The02a, WWH+10, WD09, YF85, CVDL16, FS08, MLP92, VF14].

Arc [BSK+13, GSS5].

Archology [AJL+11].

Architectural [Ais85, BKO+17, CLD09, DKYN96, Hua17, LFGG08, LCZ99, MHA17, SC08a, SMS+17].

Architecture [BAAM17, BP13, Joo86, KH96, PLT+97, VO8+10, WDM+12, DPW11, GGM12, Jac85, KP87, San92, SKK+14a].

Architectures [AO86, AO87, DKS01, FG88, HMK+95, LCDW16].

Archive [WH91].

Ares [SK16b, SWG16, L itu93a].

Area [CVJ15, GL12, GUK+17, HSC+05, HR87, NM14, NPW10, SM86, Sun92, TT97, UFK13, Wil87a, YF85, ZBP99, ten82a, JZW14, KJ92, NN93].

Area-Preserving [GUK+17, UFK13].

Area-Preserving [BMS+10, RHM*12].

Areas [CG07b, SK16b].

ARGOSI [ADS90, GSS+93].

ARGOST [An091b].

Arithmetic [KHK+09, dFSV03, NG92, dS96].

Arm [NVH+13].

Arm-Muscle [NVH+13].

Arousal [KK16a].

Arrangement [GS09, IMIM08].

Arrangements [CML+12, EDM+08, ELS08, IMIM08, MMP16, YM09, ZCOAM14].

Arranging [YH13].

Array [TP88].

Arrays [BTS+17b, FK13, HGO18, PSHZ+15].

Art [AMA+16, Bar05, BBT11, BFR17, BHP15, BCMP18, BIWG08, BRWM18, BCD+12, BDG+04, BBC+05, CLLC15, CON08, Coo05, DDM03, DFIM15,
EWHS08, Elb99, ERT+17, FW17, Fra83, GP12, GGG+16a, GT18, Hec01, xHMC09, Kau04, KRP+15, KKF+17, KBL+16b, KPK18, KLC+15, KYC16, LHD+04, LCCC13, LHT17, LGK+16, LGH+17, LW99, MFPA15, MF08, ME98, MMS+05, MK16, NMK+06, NK16, OLG+07, Pat16, PP+10, PVS+18, PPF+11, RDGK12, RGG+14, RD05, SLE17, Sal96, SPN+16, SM17, SKL14, Sor06, SKU08, SKUP+09, Szy91b, TDS+16, TKH+05, Tru84, TAEA15, UWP06, VCD+16, VBB+06, WMG+09, WWS+15, YM09, YIC+12, ZTG+18, ZSG+15, ZJL+15, vLKS+11.

Art-photographic [SLKL14].
Arterie [KGGP18].
Arteries [DHS+13].
Artery [GOH+10, GHB+17, KPG+16].
Articles [KvLB14].
Articulated [CZ08, DGV08, GOT+07, GHK+10, JLW10, LS09, LG13, MCH13, OM01, PG08, RT08a, RF15, TST+15, WLZH17, WBM+18, YLD07, YLX+16, BT92].
Articulated-ICP [TST+15].
Articulated-Motion-Aware [WLZH17].
articulation [TSK14].
Artifacts [GL10b, TMHD12, VCL11].
Artificial [Ter02, TMT86, dSNV+17, DKW94a].
ArtiSketch [LG13].
Artist [MAA+09, RSC01].
Artist-directable [MAA+09].
Artist-Directed [RSC01].
Artistic [CJZ12, EWHS08, KPD10, KSL+08, KS10, LLC13, OKP+08, SPN+16, SE02a, SE02b].
Artistically [CS16].
arts [CFM93].
As-Conformal-As-Possible [YMYK14].
As-Killing-As-Possible [SBCBG11b].
As-Rigid-As-Possible [WLZH17].
As-Similar-As-Possible [CG16b].
ASCII [MFPA15].
Aspects [Ric87c].
Assemblage [GDG12].
Assembly [Ano85r, Ano97-30, Ano04b, MRS18, NJGW15, TWT+16, XXM+13, Ano05b, Ano06b, Ano07g, Ano08d, Ano09e, Ano10a, Ano11e, Ano12d, Ano13f].
Assess [SSM12].
Assessing [KH18].
Assessment [BCBB16, GMSK09, KPG+16, Lav11, LLX+11, MTM12, RWS+10, RPSF15, vPGL+14, Cla92].
assets [LN17].
Assignment [KYKL14].
Assisted [BAAR14, BvLBS11, CSI09, KWC+12, LDGN15, MMF10, JHT14].
Association [Ano84a, Ano92, Ano93, Ano96l, Ano96s, Ano97o, Ano04g, Ano05e, Ano06e, Ano07l, Ano10c, Ano11e, Ano12f, Ano13i, GSHM10].
Associative [KRD+15].
Astrolabes [Zot08].
Astronomical [WLM13].
Asymmetric [SK16a].
Asynchronous [SKZF11].
Atlas [LBJ+16, GKH03a, GKH03b, NS11].
Atlases [HWA+10].
Atmosphere [JW97].
Atmospheric [BN08b, Wi87b].
Atomic [LBH12a].
Atomistic [FKE13].
Attention [HBO+10, KWH13, LCSL18, WWV17].
Attention-Guiding [KWH13].
Attenuators [BKB+12].
Attractors [YMM10].
Attribute [BHMT13, CDA+14, DKB+16, Gos89, MFL13, SJH08, SSHM17].
Attribute-Based [CDA+14].
Attribute-preserving [SSGM17].
Attribute-Specific [SJKH08].
Audio [GVS+15, DPT+08].
Audiovisual [DDH+18].
Audition [NT95].
Auditor [Ano95e, Ano97h, Ano08a].
Auditors [Ano04g, Ano05e, Ano06e, Ano07l, Ano10c, Ano11e, Ano12f, Ano13i].
Auditory [HHD+12].
Augmentation [BBIG17].
Augmented [AKB+95, BAAR13, BBCW10, BES00, BWK+96, EKW+13, HVM+08, LE13.
Balls [CD10, CDSS14, LAM09b, LK13]. Ballyhoo [Mur85].
Bamboo [NKS16]. Bamboo-Copters [NKS16]. Band
[DBLW15, FAW*16, SWT*18]. Band-Limited [DBLW15]. Bandlimiting
[BY18]. Bar [HSBW13, SHK15, WPHC16]. Barcelona [Gob95, Jan91].
Barnsley [Jon90]. Barycentric
[CG16c, LS08a, RLF90, Rns10, WBCG09a, WBCGH11]. Bas
[JSWL14, ZZWC16]. Bas-Relief [JSWL14, ZZWC16]. Base
[DSCI09b, JLW10]. Baseball [ODS18]. Based
[AMTMH12, AIAT12, ATO17, ABC*04, ABB*07, Ara94, AWCO10,
AVBC16, BDA*17, BSW10, BSJ08, BB09, BEJM15, BKY*16, BB00a,
BDF*14, BF15, BMO*14, BHP15, BOK11, BHH13, BSK*17, BFG*17,
BCD*12, BPMG04, BK03c, BK03d, BPWG07, BvLBS11, BB12b, BHU10b,
BMS*10, CG16a, CYC15, CS00, CC14, CDA*14, CDA*15, CDS11, CTS003a,
CTSO03b, CHe06, CZZ*18, CCTL12, CDS16, CJ90, CDPS09, DGP17,
DKL10, DS02a, Dav07, DMKP07, DLGY12, DO00, DG95, DJZ*09, DFY14,
DKY98, EP09, EKM01, ES03a, ES03b, FCH*06, FP04, FL06, Fan96,
FV14, FCOL00, FW17, FML06, FP15, FE17, FB11, GMY97, GH01,
GD10, GMM*12, Go85, GTB*13, GPRS14, GCL*06, GBP05, HK09a,
HENYS16, HS04, HFMI10, HMT13, Hda14b, HH02, HFE13, HE94, HMB08,
HL03c, HL18, HL02, HWF*17, HCG08, HM86, HHC*13]. Based
[HJ99, IGAJG15, IP99, IEH*14, IMAW15, JL17, JZYP18, KMN*05, KZ08,
KG09, Ke04, KS18, KT011, KWS*15, KB04, KMT03a, KMT03b, LW94,
LB06, LG96, LDW*10, LS10a, LBK14, LHD*04, LAS*11, LLSL98, LJN02,
LFGG08, LK17, LCP*12, LLA06, LTKD15, LMPD15, LFS*15, LG95,
LLB*10, LVW*15, LS15, LCM*18, MCH94, MWN*17, MPT98, MGG10b,
ML03, MLP*10, MDS14, ME98, Men95, MVB*17, MMO16, Mil88b,
Mil88a, MSR12, MSK06, MEG11, MWW12, NBH18a, NNN11, NAB86,
NMK*06, Neb00, NMP98, NLED08, NKB14, NC16, OS08, OW91, OKB10,
PA06, PdMJ14, PB11, PSF04, PL94, PJ94, PW17, PP10, PPF*11, PNVS17,
PTB*03a, PTB*03b, PB96, QCW*18, RCB*17a, Rey86, RBMS17,
RPLH11, RA94, RHL12, RGTC98, ROM*15, RPPD17, RF15, RMS*08,
SWPL08, SS00, SS00, Sch94b, SD10a, Sch00]. Based
[SL04, SSCO09, SL08, SAG*13, SK17, SHP*19, SEA08, SS96b, SLCZ09,
SOG09, SMG10, SKCA01, TYK*09, TPsh14a, TGM12, TE10, TB12,
TE18, TDD18, TRSKK08, UW06, UGB*04, VPLL08, VSD09, VV08,
VCL*11, VS10, WPB98, WM09, WL10, WZL*12, WHB*13, WMB15,
WLL*17, WESW17, WW07, Wei04, WLM13, WR05, WT09, WDK*13,
WTLL13, WWDL15, XWL*15, XSM*13, XZP*13, XTL02, XGL*07,
XYL09, XWY*15, XWT*08, YYL*16, YWB03, YWC*10, YZL17, YBK*12,
YN00, YSY94, YWTY12, ZCO97, ZPS03, ZDM*14, ZCC14, ZZZ15, ZDJ16,
ZYW*13, ZLW15, VV09, ZCG08, ZCBK12, dHVfPV14, vFG11, vTKP11,
ARC05, ARLC*13, ACOM12, AFH14, ARB*18, AH11, BBK*19,
BJCO03a, BJC003b, BLY*11, BBB*18, BWH*11, BHS*17, BWPP04,
BP19, BS03a, BN08a, CD18, CLH*08, CTW92, CLHL08, CLT*08, CAS*19,
based [DZCC19, Den03a, DKWB18, DSW09, DMS14, DBS+11, DM92, DHI+15, DMCN+17, Dut04, EBS99, EPAS11, FFD03, FH18, FLJ+14, FLW00, GA96, GHK+10, GJ02, GMM12, GSC18, GSK00, Got03, GGK06, GBKG04, GBO04, GCV+14, GCCP18, GTB14, HWA+10, HNJ+14, HLH+16a, HKMS08, HBK02, HGA+10, HHGJ15, IMIMO8, IY10, IYS+13, IK01b, IUDN10, Jac85, JTRIS12, JC10, JZF+09, JKK+18, KMTT92, KSN08, KMS+13, KMB15, KM96, KJC+09, hRLS00, KS10, KYYL14, KKH+08, KSK97a, KSK97b, KMM+18, KTW+13, KBI2, LL00, LNS05, LMM10, LVPI18, LLY09, LCCCI3, LOM+18, LMS04, LTH08, LP15, LCB+18, LEE17, Lie17, LLM+17, LYP+08, LYG15, LFA+15, LWX+15, MG96, MW11, MFS08, MH13, MMS07, MRS08, MRS18, Mum86, MKRE16, NGM14, NB15, OJS+11, ÖGG09, PSPM12, PJJ+11, PEP+11a, PC12, RKR+16, RLGH15].

based [RJT18, RCM+01, RMG18, RBDD18, RSK10, RSK13, SSKB15, SCN+16, Sbe93, SLE18, SVG+08, SSB08, SS08, Sch11, SS09, SXY+11, SGG15, STP17, Szy11, TZF04, TO97, TTN+13, TWT+16, TWC+16, TPS09, TSK14, TW06, VCC+11, VB00, VMH+13, WZC+11, WFZ+15, WTM18, WLS13, WGS10, WSE04, WHCO08, WS09a, WBCG09b, WT11, WK04, WFLW18, XWC+13, XLL+10, YK92, YFGL09, YCL+17, YK06, YBS07, YWY08, ZY02, ZQQS08, ZKWI13, hcZK98, vDH016, CSLG10, RGG+14, TDF+15]. Bases [FS08, HA17, HS08, MKB+08, KBB+13]. Basic [Arn08, DI18, St88, Bar92, KP11]. Bases [BK05b, DKN+95, IYS+13, JBL+06, LWP+04, MGVi1, MKB+08, RSC01, SMG10, VS09, WSC06, DRBR09]. Batch [SS95]. Batched [CGG+03b, GMC+06, CGG+03a]. Bayesian [BB17, BBL+09, DRA10, JWB+06, WYD+13]. BCC [VCRG14]. BDAM [CGG+03a, CGG+03b, GMC+06]. Be [GTK+12, Hec01, KP15, KSBC12]. beacon [MG96]. Beam [DBK11, HJC13, JZJ08b, LWY+11, NNDJ12, SDS+16]. Beauty [Pie91a]. before [SMJ17]. Behavior [LBK14, PP05, Ros13, UT02, WH17a, vDACvW14]. Behaviors [HRD+15, Bad93, LJK+12, SCG04]. Behaviour [AVF04, LD04, RPA+15, SEASM09, SCG04, VAW+10, WLZ13, ZCT18]. Behavioural [MCH94, MCT01, ZV09, TD00]. Behaviours [LCM+18]. Beijing [van89b]. Belgium [LM04, BP83b]. Beltrami [CLB+09, HP11, NBB18b, PPH+13, QCW+18, ZLW15]. Benchmark [MDBS14]. Bending [BW07, WLZ13, ZLW+16, ZR13]. BendyLights [KPD10]. Bernstein [RGTC98]. Bertin [AKMM11]. Better [DH16, DF85, Gro01, Gue82, SJ09a]. Between [BMWM01, EL01, FG04, GST016, HHS01, KFA+14, OBCCG13, SNB+12, VVE+10, DMYN08, EBC17, HMRSK92, JKL18, KGL+98, NHN97, PCBL16, PB90, RKCO2, RSS96, SBC16, SZ18, TMRL14, VM12, ZHC+00]. BetweenIT [WNS+10]. Beyond [Cas12, Gos86, HHD03a, HHD03b, KASH13, KKK09, LD09, MMS09, Saw07, SD94a, SKM06, YNBH09]. Bézier
Bi [GSDC17, Hua17, ZSW+10b, KP11, KP15]. Bi-cell [ZSW+10b]. bi-cubic [KP11, KP15]. Bi-Directional [Hua17]. Bi-Layer [GSDC17]. Bias [ENSD12, GUS12]. Biases [HF16]. Bibliography [How89, Owe86, Owe88, Owe90b, Owe92a, Owe92b, Owe93, Owe95].

LYG15, NL18, RK02, WWD15, ZZT15. **Body**
[ARB+18, BET14, DLGY12, EMK09, HS04, HSS+09, HKG06, HA17, JKJL18,
KÓOH13, KSK97a, LBRM18, STC+16, WDGT01, ZV09, vBE11, KSK97b].

**Body-Supporting** [LBRM18]. **Body-Worn** [KÓOH13]. **Bokeh**
[JKL+16, MRD12]. **Bologna** [ACM80]. **Bombay** [Mud83]. **Bone** [ZHK15].

**Bones** [TE18]. **Bonsai** [BPF03a, BPF03b]. **Book**
[Ano97i, Ano97j, Ano97k, Ano98n, Ano98o, Ano98p, Ano99c, Ano99d,
Ano00b, Ano00c, Ano02a, Ano08b, Cal07, How91a, How91b, How91c, How97,
Lan07, Owe89a, Owe90a]. **Books** [RL19].

**Boolean** [KP87, KGMM97, PG93, WGG99]. **Booleans** [BF09, PCK10].

**Boosting** [OJS+11, ZDM+14]. **Boston** [LLRD07].

**Botanical** [NPDD11, OOI05, WLJ+18, Hol94]. **Bottlenecks** [ABW+15].

**Boulogne** [Ano97s]. **Boulogne-sur-Mer** [Ano97s]. **Bounce**
[JR16, LWLD11].

**Bound** [Dan96]. **Boundaries** [DLRW09, Hol15, MSWI12, SGSP15]. **Boundary**
[AAB+96, ADF85, BXH10, BLVD11, CK10a, DBS+11, FM15, GDML13,
HEW15, KGM97, LJB+12, MIW13, PG94, SCN+16, TL16, TDNL18,
YYPZ07, ZT10]. **Boundary-Aware** [GDML13]. **Boundary-based**
[DBS+11]. **Bounded** [GMD10, SSS97, MM18]. **Bounding**
[BHH13, BM15, CTHAM10, DHK08, GHB15, HS98, LAM09b, LCWK07,
MW06, MB18, ND12, VKJ+17, VHB16, VMTS10, YM06]. **Bounds**
[ED07a, She12, WTTM15]. **Bowl** [MNP+17].

**Box** [Att15, CR16b, McC96, CDA+14]. **Boxing** [FB94]. **BOXTREE**
[BCG96]. **BqR** [PSC10]. **BqR-Tree** [PSC10]. **Bracketing** [GPR+15]. **Brain**
[HMP+12, JBB+08, JNM+09, SEH10, Thi11]. **Brainbows** [WOH13]. **Branch**
[SSW14a, ZBM+17]. **Branched** [KNP07]. **Branching**
[FCGA97, LKD+17, SPK10, Wai88]. **Branislav** [Ano05c]. **Brazilian** [AR06].

**BRDF** [BPV18, B ¨OK11, BNH10, DHI+15, GMD10, GGG+16a, HFM16,
LF97, MTR08, NKLN10, OKB10, PCF05, PR12, RGB+14, RK09b, Sch94b,
SARZL10, XWZB17]. **BRDFs** [ACG+17, FV14, GK03b, HLR+11, LLSS03a,
LLSS03b, MG09, NP00, NKFO9, SSGM17, SvLD03, VF16, XOS6, XWZB17].**

**Breadth** [GL10a]. **Breadth-First** [GL10a]. **Breakdown** [HGH+11].

**Bresenham** [Kuz95, Skal87]. **Brick** [KLC+15]. **Bridge** [WDC+10]. **Bright**
[DMHS08]. **Brightness** [WBEF97]. **Bringing** [Edm83]. **Brittle** [SWB01].

**Broad** [SR19]. **Broad-Phase** [SR19]. **Broadening** [Saw07]. **brochures**
[BMWW14]. **Broken** [CK11a]. **Browser** [Bov90, WH91]. **Browsing**
[KRD+15, KFLCO13, WM85]. **Brush**
[TZD11, XTLP02, XLT03a, XLT03b]. **Brushables** [LFA+15]. **Brushes**
[VGC+11, ZT10]. **Brushing** [FH18, IF09, KFH10, RSM+16]. **Brushstrokes**
[Pud94]. **BSDF** [PdMJ14]. **BSDFs** [HD14b, RBMS17]. **BSP** [AMT02, CS92].

**Bsplines** [KE97]. **BSSRDF** [MES+11]. **BTF**
[GMSK09, HHNC19, MG09, RK09a, WDR11]. **BTF-CIELab** [GMSK09].

**BTFs** [GMSK09]. **Bubble** [Dur01, HGH+11, MMS09]. **BubbleNet**
[MSFM16]. **Bubbles** [HK03a, HK03b]. **Bucket** [KKS+17]. **Budapest**
[Ano97w]. **Budgets** [DBS+18]. **Buffer**
[AMAM13, LW95, LJBA13, LW92, SDD+r2, Sun92, TT94]. **Buffers** [Déc05, MIGMM17]. **Building** [ALA+r8, BPM06, Fuc97, KBW+r12, KWS16, LJN02, NBA18, SK17, WFIW18, vL90]. **Buildings** [CML+r12, HMD005, KMK12, LWB14, MGAF95, MWW12, VKW+r12, Koc93]. **Built** [Kuz95]. **Built-in** [Kuz95]. **Bulge** [Blo97]. **Bulk** [ASB+r17]. **Bulk-Heterojunction** [ASB+r17]. **Bump** [TCRS00]. **bundle** [TSdSK13]. **Bundles** [HGRS+r17, JGH11, MSSK08, OVV10, TE10, LBA10]. **Bundling** [HV09, HET12, LHT17, ZWHK16]. **Buoyancy** [WW16]. **Bus** [ZHC+r00]. **Businesses** [WHS+r18]. **BVH** [´ASK14, GD16, GPP+r10, HMB17, LGS+r09, WTMT18]. **BVH-based** [WTMT18]. **BVHs** [DKY16]. **By-example** [ZLL13]. **Bye** [VD90]. **Bye-laws** [VD90]. **C** [Bak91a, GMC+r06, KDCM14, Ric87c]. **C-BDAM** [GMC+r06]. **C-LOD** [KDCM14]. **Cable** [MCJM18, SL07]. **Cache** [BRDC12, BGB08b, HMS09, SS96a, YM06]. **Cache-Efficient** [YM06]. **Caching** [BG02, CLF+r03a, CLF+r03b, DDB+r09, GKB09, GKPS12, JR16, KVS+r14, LLD10, PGSD13, SNRS12, SiKDM05]. **CAD** [Ais85, Arb90, BK05a, Enc82, Gol85, KH96, Kwi89, Mil90, NC99, OYSO92, Owe86, Owe87, RGM85, RL84, Sei94, van88b]. **CAM** [KH96, RGM85]. **CAD/CAM** [KH96, RGM85]. **CAD/CIM** [Sei94]. **Cage** [TTB12]. **Cage-Based** [TTB12]. **CageR** [TTB12]. **Cagliari** [SP06]. **Calculation** [DKYN96, FM15, PA06, Gui92, MMAG93]. **Calculations** [Pic86b]. **Calculus** [Des04, van87]. **Calendar** [Ano97l, Ano97m, Ano98c, Ano98h, Ano98i, Ano98k, Ano98v, Ano97y, Ano97e, Ano97g]. **Calligraphic** [XJJ+r08]. **Calligraphy** [XWG+r13]. **CA** [KH96, RGM85]. **CAM** [TWT+r16]. **Cambial** [KSG+r15]. **Cambridge** [Arn91, Cre88]. **Camera** [BCS96, BIWG08, BTO+r17, CN05, CON08, DJZ+r09, EKST15, FCO100, GL10b, GCW15, GBS19, HHS01, JL98, JK17, LLCL16, LLB+r10, MPS05, PSHZ+r15, SM11, SDHL11, WH04, YYD+r13, ZZ17, MG96]. **Cam Generally** [JK98]. **Cameras** [CSC+r18, KBKL10, LTXX+r14, MRT08, XYY+r18, ZSS+r18, KBÓ+r14]. **Camouflage** [DJM12]. **CAMP** [Joo86]. **Can** [KP15, KSBC12, Ros97, Šár07]. **Canada** [IC11]. **Canal** [KL03]. **Cancellation** [SCCN11]. **Cancer** [CWS+r17, LSS+r12, MK11]. **Candle** [BCRA12]. **Canonical** [EGKT08]. **Canvas** [ZLDM16]. **Capabilities** [Sco02, SD00]. **Capability** [Bel87, Ben94]. **Caps** [UG18]. **Capstone** [Grö11]. **Capture** [AVR10, ACOHS18, BK03a, CZY11, CKHL11, DBB+r18, DKY16, ESKT15, FKR13, FHW+r11, FGT+r16, GBU00, GPD09, HBL17, JL08, KMB+r17, KRP+r15, MMS07, NSR17, NVH+r13, PKG03a, PG08, PH03b, PH03a, RBB01, SKSK07, SSK+r05, VF16,
Captured [AA09, CTL13, CZ09, KZB19, PZB+09]. Capturing [CLHL08, DWL+09, HS09, HFM16, LWS+13, PSCN10, SGMG17, WJG+16].

Carbon [RC09, MJK11, RMS+08, OYS09]. Carbon [KPG+16, KBvP+17, KGGP18].

Caricature [LCM+09, WL10]. Carla [Duc00].

Carlo [Gob95, Gob96, BEEM15, BRM+16b, BB17, BBL+09, DWR10, GAM17, GKT16, HCJ13, HD14a, KS13a, KVS+14, MMG18, MJI+13, MIMM17, MNG17, NGHJ18, PWP08, Pic86b, Sbe97, SHZD17, SMJ17, SKFNC97, VAN+19, ZHD18, ZJL+15]. Carmel [Arn84]. Carotid [DHS+13]. Cars [CCC+14]. Cartogram [AVK15]. Cartograms [CBC+15, NK16]. Cartographic [CJ90, VW91]. Cartography [CG02].

Cartoon [JC09, SDC09, WBCG09a]. Cartoons [SDC09, SSJ+10].

Carving [WPW+11]. Cascaded [SP+17]. Case [ARLC+13, DCPS08, GBG+14, KASH13, KFA+10, LP95]. Cases [RPSF15]. Cast [LK10]. Casted [CDG+07, FKE13]. Casteljau [AP92]. Casting [FQK08, HSS+05, KZ08, KSN08, KWN+14, LA05, RS08, XYM13].

Categorical [BTB13]. Categorization [RTN03a, RTN03b]. Category [hKTL+17]. Category-Specific [hKTL+17]. Catmull [BHJ08, Cas12, CLT+08, Csé18]. Causal [BHR17, BY08]. Caulic [BAG08, GPGSK18, WN09]. Caustics [FSES14, GRR+16, IDN03a, IDN03b, Jen97, LMSG16, PJJ+11, PP09a, SJ09a, WS03b, WS03b, WN09]. Cave [LW99, SBG17, LW99].

Cavities [GBG+08a, KFR+11, KKL+16b, SLD+17]. CC [VCRG14]. CCD [MG96]. CCD-camera [MG96]. ceiling [Lam99a].

Cell [ABW+15, AASB14, BNRSV01, CKN+99, FKE13, HP+10, KFR+11, NRJS03a, NRJS03b, PKE15, PKE17, S188, WH17a, WZL+12, WMRSF15, YBK+12, FR92, HDS03b, HDS03b, LCLJ10, ZSW+10a, LMS09a, MMFE08].

Cell-and-portal [HDS03b, HDS03a]. Cell-Based [WZL+12, YBK+12].

cell-decomposition [FR92]. Cell-to-Cell [NRJS03a, NRJS03b].

Cell-Visibility [BNRSV01]. Cells [BPWG07, HHA17, S188]. Centered [BZL+18, CKN+15, ELM+12, ENC08, EMK09, GRC13, HA17, RC18, WTL12].

Centrality [VV98]. Centre [SPT14]. Centred [ LW17]. Centres [HSK+10].

Centric [CY14]. Centroidal [CCW12, LLW12, VC04, WHWB16].

Centroids [HHA17]. Century [Rec01]. Cerebral [GBM+17, MVB+17, NGB+09, NJB+11, NLB+13, vPGL+14]. Certification [BP82, BP83b, Gna83]. CFD [SCD05].

CFGExplorer [DI18]. CG [MH07, van89b]. CGF [Ano07h, HGH+11]. CGForum [Ano06c, Ano04c, Ano05c, Ano07b, MTPS08, SJ09b].

CGI [Ano88b, NREM14]. CGM [Duc89, BHIM87, CP88, MSN7, Namo89].

Chain [RKN10]. Chains [EASK18, RL14]. Chairs [BWS05]. Challenge [tHS90, Gue82].

Challenges [BR07, BBC+05, Bry96, DAF+18, ENC98, OJMN+19, vLKS+11]. Chamber [SBG17]. change [Bak90]. Change [BCWR08, JWL+13, SWG16].

ChangeCatcher [LTC18]. Changes [BBL12, GG15, JPK13, OVB+15, PCBS16, WKM15, CS92]. Changing
WWF⁺18, WLZ13, Ye08, YMJ⁺17, IMDN14. **Cloth-Fluid** [HEW15].  
**Clothes** [CMT05]. **ClothesPEG** [Cla92]. **Clothing** [DJW⁺06]. **Clothoid** [BD12]. **Cloths** [BD12, LJJK⁺12, MBT⁺12, WK12a].  
**Cloud** [EBV05, HL01, JWJP⁺06, KZ00, KB00, LGW18, MC17, RDK13, SWK07, SY12b, SHS13, YLM⁺14, YLM⁺16, ZLYL17, Kur15]. **Clouds** [BTS⁺17a, BM12, BM16, CCL10, CACB18, DSY10, GKOM18, KJT14, LSW09, MEMO14, MAM14, MMG06, PCBS16, QCW⁺18, RL14, RÖPG18, SY10, SSS17, SSS14b, SWG08, TOZ⁺11, WX1⁺13, WWG07, WPW⁺11, WX18, BCF⁺05, SSK93]. **Cloudscapes** [WCGG18].  
**Clouds** [BTS⁺17a, BM12, BM16, CCL10, CACB18, DSY10, GKOM18, KJT14, LSW09, MEMO14, MAM14, MMG06, PCBS16, QCW⁺18, RL14, RÖPG18, SY10, SSS17, SSS14b, SWG08, TOZ⁺11, WX1⁺13, WWG07, WPW⁺11, WX18, BCF⁺05, SSK93]. **Clouds** [BTS⁺17a, BM12, BM16, CCL10, CACB18, DSY10, GKOM18, KJT14, LSW09, MEMO14, MAM14, MMG06, PCBS16, QCW⁺18, RL14, RÖPG18, SY10, SSS17, SSS14b, SWG08, TOZ⁺11, WX1⁺13, WWG07, WPW⁺11, WX18, BCF⁺05, SSK93]. **Clouds** [BTS⁺17a, BM12, BM16, CCL10, CACB18, DSY10, GKOM18, KJT14, LSW09, MEMO14, MAM14, MMG06, PCBS16, QCW⁺18, RL14, RÖPG18, SY10, SSS17, SSS14b, SWG08, TOZ⁺11, WX1⁺13, WWG07, WPW⁺11, WX18, BCF⁺05, SSK93]. **Clouds** [BTS⁺17a, BM12, BM16, CCL10, CACB18, DSY10, GKOM18, KJT14, LSW09, MEMO14, MAM14, MMG06, PCBS16, QCW⁺18, RL14, RÖPG18, SY10, SSS17, SSS14b, SWG08, TOZ⁺11, WX1⁺13, WWG07, WPW⁺11, WX18, BCF⁺05, SSK93]. **Clouds** [BTS⁺17a, BM12, BM16, CCL10, CACB18, DSY10, GKOM18, KJT14, LSW09, MEMO14, MAM14, MMG06, PCBS16, QCW⁺18, RL14, RÖPG18, SY10, SSS17, SSS14b, SWG08, TOZ⁺11, WX1⁺13, WWG07, WPW⁺11, WX18, BCF⁺05, SSK93]. **Clouds** [BTS⁺17a, BM12, BM16, CCL10, CACB18, DSY10, GKOM18, KJT14, LSW09, MEMO14, MAM14, MMG06, PCBS16, QCW⁺18, RL14, RÖPG18, SY10, SSS17, SSS14b, SWG08, TOZ⁺11, WX1⁺13, WWG07, WPW⁺11, WX18, BCF⁺05, SSK93].
PLT+97, RDK13, SNLW01, TSPP16, Wat96, XBL+18. **Collage** [GTZM10, ZHI12]. **Collection** [CDSS14, SBC14]. **Collections** [AEWQ+15, AKM14, AKM16, CWG11, CRA+17, DMS14, FDH+15, HG13, IF09, KGAC15, KFLCO13, LLC11, LCUR14, LWV+15, NBCW+11, NNRS15, OSR+14, PTT+12, RLGH15, SGB13, YXX14, ZCOAM14, vdCvW17]. **Collective** [GTZM10, ZH12]. **Collection** [CDSS14, SBC14]. **Collections** [AEWQ+15, AKZM14, AKM16, CWG11, CRA+17, DMS14, FDH+15, HG13, IF09, KGAC15, KFLCO13, LLC11, LCUR14, LWV+15, NBCW+11, NNRS15, OSR+14, PTT+12, RLGH15, SGB13, YXX14, ZCOAM14, vdCvW17]. **Collective** [CDSS14, SBC14]. **Collection** [Che06]. **Collisions** [BT95, BgAM04, CJIC+09, DO00, Dur01, FWPS11, GGK06, JKJL18, JFS06, KAAT03a, KAAT03b, KZ05, KHH+09, KZ04, LMM10, LPH+15, LLC+15, Neb00, NG03a, PKS10, RKC02, SR19, SOM04, TWT+16, TKH+05, TPBC09, VCC98, VT94, WTTM15, WLT+17, WTMT18, WDZ17, WML19, WC14, WP04, YMJ+17, ZY02]. **Collective** [GW92]. **Collision-Aware** [JKJL18]. **Collision-Free** [KAAT03a, KAAT03b]. **Collisions** [BW00, CK10a, PKS10, VMTS10]. **Color** [HGW92]. **Color-Coded** [BE95, SSK05]. **Color-Coding** [SSSG16]. **Colorimeter** [GBS19]. **Coloring** [NPCB17, PP09b, WZL+17, RGW05]. **Colorization** [LT12, JCT14]. **Colormap** [BS98]. **colormaps** [EKB14]. **Colors** [HZMH14, KNL+15, KkAC07, KSG+15, SGSP15, YLL15]. **Colour** [AP10a, Ano02b, AW07, AGJ12, BFH+98, BE95, BMS+10, Cad08, CKL14, CWM09, DDPL00, Fis98, FLJ+14, GVWD06, GRC13, HGO18, HHGJ15, HZMH14, IK00, JCW11, JESG12, KkAC07, KYKL14, KM16, KG18, MO10, MG05, MMTH09, NMP98, NKB14, NPCB17, OYB+15, RMSD+08, RP98, RMZ13, RTN03a, RTN03b, SSK+05, SO12, SSB+14, TBKP12, TDS14, WKB+12, WZL+17, WCO08, WVW08, WTL11, XM09, XTJ+07, XADR13, YXX14, YLL15, EKB14, HL14, OYSO92, RCM+14]. **Color-Coded** [BE95, SSK05]. **Color-to-Grayscale** [ˇCad08]. **Colored** [PK10, FLJ+14]. **Colorfields** [SSSG16]. **Colorization** [DRA10]. **Colours** [MSHD15, OYH18, Sch94a]. **Combination** [BP17, SKCA01]. **Combinations** [KGMM97, SNJ14]. **Combinatorial** [PBPP11, SY11]. **Combined** [BT92, SSSK04b, WYKR17]. **Combines** [ARH12]. **Combining** [BTG95, FHL+08, GLCC18, KP18, KKTD17, RSK90, CCFM08]. **Combustion** [GBG+14, JK13, OLF+14, OAM+18]. **CoMEdiA** [San92]. **Comnes** [Pic91a]. **Comfortable** [FFN18]. **Comic** [WB02]. **Comics** [CNKI13, McCL11]. **Command** [Her82]. **Commands** [KMB94]. **Comments** [SHS+17]. **Commodity** [YWB03]. **Common** [HB00]. **Communication** [HRD+15, SBD+15b]. **Communities** [CD+14, VBAW15]. **Community** [DWT+11, RTJ+11]. **Commutativity** [NO17]. **Compact** [CCC17, CP11, PLLR11, KBK+10, LD08b, NNSK99b, UKCB15, WSC06, XSO6, HLJ+13]. **Compaction** [HLJ+13]. **Compactly** [HA17]. **Comparative** [ASB+17, ARH12, BvLBS11, DSH+13, FL19, GT15, KARC15, MVB+17, MWS+10, NM0T01, OSR+14, PPBT12, RL10, SKR+14, SS15b, vKP06, vPGL+14, EMU17, WGO+14]. **Compare**
Comparing [RL16, SSK16, STD09, WPHC16, vdCvW17].

Comparison [BSBE17, CRW09, DWT+11, HFM16, HV08, HTSFP09, KWS+15, KZZM12, LD08a, MTM12, NNN11, PDW+14, SSW14a, SC84, VCRG14, VHB16, WHS+18, SDD+92]. Comparisons [SLB+18].

Compatibility [ZCOM13]. Compensating [MSK14]. Compensation [ENSD12, LMG+18b, MK15, SYC10]. Competing [SLS+06]. Competition [Ano95f, Ano95g, Ano95h, Ano96e, Ano96f, Ano97c, Ano97t, Ano97-41, Ano97a, Ano97b]. Competitive [KMJE12]. Compiler [CTHAM10].

Complete [AH11]. Completion [GS14, GLK18, HTG14, IS15, LZY+15, LYP+08, MSAP15, SDK09].

Complex [ASB+17, BWH+11, BG08, BHMT13, CDP95, CATM09, CG16c, CLF+03a, CLF+03b, DVPSh14, DG95, FML06, GKS12, GSA03a, GSA03b, HPH10, KKSS15, KLe06, KHM09, LD04, LDY10, MGM18, McD10, MB99, MBPM+17, NSRS13, OPC96, ORDP96, PGM09a, PMD12, Ric87a, Ric87b, Ric97, RNK10, Sad09, SSS02, SCCN11, Szy91a, Szy91c, TL01, WS02, WBCG09a, WBCGH11, AVF04, BSV92, DGR+14, GH96, GSC18, LN17]. Complexes [AASB14, SN12, DFIM15, LCLJ10, WIFD13]. Complexity [FdABS99, FBW01, FBP08, JS10, LFS+15, SVW13, TWD+13, Tim12, PG93].


Composable [LWL+16b]. Composite [BPV18, CKS+16, CG07b, GSDC17, PTO10, SHF13]. Compositing [BCS96, DZC11, EKFM12, FW99, GWO+10, GTZM10, GVWD06, GCL+06, LW95, LCWCO10, RLH+17b, RWSG13, SS08, Wil06b]. Composition [CN05, EKMO1, GLGW12, LCWCO10, LMLF15, SML15, Sch09, WTL13, dBD+92].


Compressing [VMHB14]. Compression [AMAM13, And12, BJCO03a, CC06, CH09, CH11, DKB+16, DPPD00, DSV+02, DGGP05, DSW09, GMC+06, GPD09, GMSK09, HB96, HSS+09, HFM10, HKMS08, ILRS03a, IP99, Ise01, IK00, JBG17, JK1L18, KCL06, KGR+16, LS09, LGK97, LPG10, MGS07, MIP08, MP12a, MMG06, MCHAM08, NS01, OS08, PD04, KRR09a, SBE16a, TRS03a, TRS03b, TWC+09, VCP09, VS09, VS10, WD09, WS09a, WDR11, YNO0, CVDL16, DCV14, GMG12, ILRS03b, LCL+06, PHM+14, VB14a, VD18].

compression-domain [GGM12]. Compressive [JCK16, LA15, MKU15, SD09, SD10b]. Computation [BPZ96, BS98, CLM09, EL95, FQK08, Fau96, Hoi15, KS11, KGM97, LCWKO7, MNR94, NHH97, OLG20, Pat17, PK08, SKZ13, SLSK07, SN12, SOD04, SSSK04b, TW97b, TPBC09, Ure00, YLL+09, CD94, MVPG11, Sbe93, TW97a].

Computational [AAB09, BS12a, BRWM18, Bur95, DBS+18, DRF12,
DMHS08, EMP+12, EWK+13, FO12, FHL+08, GTM+12, HKW12, Jac17, Kol08, LA08, LLW12, MCM+12, MP12b, NSGP06, RE12, SLE17, SD09, SSCO09, She12, STBG12, Vel99, WW16, WILH11, YZC18, de 97, GY93, Vel93, Ano98e, Ano08f, ID10, IC11, NSGP06]. computations [PM93].

Computed [FBW01, FAVM09, LWLD11]. Computer
[AHK94, AR06, Ano82, Ano84a, Ano84b, Ano88b, Ano92, Ano93, Ano95a, Ano96l, Ano96s, Ano97o, Ano98f, Ano93c, ALCS18, BD84, Bar06, BET14, BMO+14, BC96, BF84, BB88, Bou90, BPB+04, Bro90, CB09, CON08, Chr86, CTHAM10, DCGG11, Dav97, Den86, Dia84, DJ88, Duc91, Duc88, Dun91, Dut04, Edm83, FS85, Fra83, FR00, GS06, GSHM10, Gal84, GC09, GMD10, GP16, Gos86, GSN94, HHS01, Han05, HHS89, Her89, Hew84a, Hew90, KWC+12, Kil86, KWC+12, Kje89, Kje90, Kje91b, Kje91c, Kje91d, KWK10, Kol08, KW05, LF11, LL05, Lei94, LF10, Mac94, MWN+17, MGJ06, Mar82, May99, May00, MB99, MSS+10, Mio82, NYTN87, NMPK+06, NSGP06, Oyst91, OP10, Owe86, Owe87, Owe88, Owe89b, Owe90b, Owe92a, Owe92b, Owe93, Owe94].

Computer [Owe95, Pat95, PTO10, Pic86a, PNR99, PCR11, PH96, PT88, RMA88, Re88, RP98, SCA04, Sal96, SDA+18, Söhr7, SRH+11, Sch84, Sei94, Sn95, SB99b, Sta06, SHPS08, SM84, Szy91b, TMT86, Tr84, VBB+06, Zar96, tH83b, tHS90, vD98, van82, AS92, BJ94, CRW83, Jac85, KKB, LG92, MMAG93, Sch94a, TC93, Ano03b, Bon85, BH96, DP93, DS04b, TT95b].


Computerized [DF90]. Computer [Smi85]. Computing [APH+12, ABC+04, Ano97s, Ano97t, Ano98p, BAA+16, BIVG08, CVJ15, CC08, CYY+11, CS29, DvOS00, Duc98, Enc98, GRR06, HS17, HSM09, HR10, HCG08, JSH+13, JEO00, Le 90, NB12, NBHN17, PN97, RK10, SD10b, WMZ12, WT11, YL11, SvZ95, Ano98j, PH91].

ConcaveCubes [LCB+18]. Concentric [XLH+13]. Concepts [VG00].

Conceptual [Mac85]. Conceptualizing [DCK12]. Concerning [Duc85].

Concise [SOG09]. Concurrent [KBLE19, Mi87, SJH08, YHGT10, ZFE16].

Concurrently [FCP+90]. Condensation [BC96]. Condenser [LDW+10].

Condenser-Based [LDW+10]. Condition [KS14, OHG11]. Conditional [CLGS18]. Conditions [AMS09, PDCS12, RGSK10, TDNL18, SZ18]. Cone [CSN+11, KB12, SA93]. Cones [Ano04c, WLT+17]. Conference [Ano92, Ano93, Ano94, Ano96l, Ano96m, Ano96s, Ano97o, Ano97t, Ano97-28, Arn89, Aus91, Bar06, Cre88, DJ88, Duc98, HHS89, HPS4, Kid84, Mm90, Pin85, Re86, Sei88, Szy89, TB84, Van85, Wat88, ACM80, Enc81, Van80, WG82, tH83a, van89, Ano85, Ano86, Ano87a, Ano88a, Ano89, Ano91a, Ano96k, Ano96p, Dun91, Mac90, Mat86, Neu06].

Configurable [AHR84, SSSG16, WGK88]. Configuration [LT17]. Configurations [BS90].

Confinement [HL13]. Conflict [JD00, JD01]. Confocal [FHL+08, SPB+17]. Conformal [BCGB08, CG17, MTAD08, SBC16, WLZT18, YMYK14].
[XXM+13, vTKP11, BJCO03a, BJCO03b, DCOM00]. Context-Dependent [LSCO10]. Context-Frames [Her84]. Context-inferred [ZLDM16].

Context-Preserving [WKM+09, ZK08]. Contexts [RHM+12]. Contextual [JKK+18, KSP+18, KMB94, MGB14]. Contingent [SGEM16]. Contextual-Continuities [Vel92]. Continuity [GP16, SYT+13, WGS10, Bar92, SZ18]. Continuous [BW09, BPFG11, COC15, GAM17, GCL+06, HBW11, KO88, KHH+09, LO95, LPS14, LMSF19, MFV13, PJR+14, PSO18, RKC02, RJJ18, SFFP15, SG03, SKA01, WTT15, WT11, WC14, vdZLBI11, CH12, TWSM17]. Continuously [CZGF05]. Continuum [HMT01, SWML10, TPS09].


Contrast-Enhanced [LM15]. Contribution [Can11]. Contributions [Ano98b, Ano98c, Dre07, Ano97y]. Control [ADJ+01, BDS84, BK03a, BK03b, BV19, CON08, CZGF05, DAP08, DI18, EP09, FCH+06, FLJ+14, FS91, GLCC17, HENNS16, HL18, IP00, KPRN11, KPD10, LNS05, LK17, LTKD15, LL+15, MS96b, OKP+08, OM01, RCMM+16, RPPD17, ST94, SHW+18, SG03, SKC01, SKMS18, TYK+09, VVE+10, VSK16, WK12a, ZV09, dSNV+17, AFHdL14, BT92, HNJ+14, HPT89, KS92, MS96a, RTK+14, STM93, VD18]. Controllable [AP10a, BP19, CBTB16, GMM15, HL13, KFK94, RHLH18, SWB01]. Controlled [AY07, FL06, JWS12, KSG+15, KFA+14, ZSL+17]. Controller [FvdP15, GGY+14, HKBK18, KSK97a, KSK97b, JW89]. Controllers [WPP13, ZFCO+11]. Controlling [HHT96, YWZ18]. Controls [DN08, GLCC18, HL03a, HL03b]. Convergence [Fol98, LPH+15, SMJ17].

Conversation [EAGA+16, MH07]. Conversational [EASKC18]. Conversations [EASG+17, HC14]. Conversion [BCK+12, CW99, DTT08, DKS01, LO95, MEKM17, Rok97, SLTM08, YR97, CHA+14, Che97, VG96].

Conversions [Cad08]. Converting [WW87b]. Convex [AGCO13, AMSF08, BG01, Dan96, Day88, Day90, EL01, GCW15, MHA17, Sug94, SN86, WBG07, CD94, HMRK92, Rap92, SKa96]. Conveying [ARM+15, BJG+15, RRS12]. ConVis [HC14]. Convolution [LKEP14, MS98, MESG11, SFFP15, TZF14]. Convolution-Based [MESG11]. Convolutional [ACA18, BLO97, hKTL+17, MBRHD18, NAM+17, RÖPG18, SHG+16, SGM17, YWZ18, BMM+15]. convolved [SNRS12].

Cooperation [LSG+11, PS10, DS11a, Des06]. Cooperative [DGC+98, GY93, PW93, San92, ST93]. Coordinate [KZZM12, MSK06, SW98]. Coordinated [BSK16, BRM+16a, HSH16, RSM+16, SS16]. Coordinates
POB+07, SBC14, Spe91, ZT10, TT94. Cross-Boundary [ZT10].
[BV09, KBT+12, MB08, DMNV12, HHJC18]. Crossing [SAAB11]. Crowd
[AVF04, BSK16, BPA16, CKGC14, CC14, JVS+12, JPCC14, KWD14, LD04, LCSCO10, LLD10, LCM+18, PPD07, SHW+18, SGC04, UT02, XWY+15, ZT18, DMCN+17, LJK+12, WGO+14]. Crowd-sourced [KWD14].

Crowd 
[AVF04, BSK16, BPA16, CKGC14, CC14, JVS+12, JPCC14, KWD14, LD04, LCSCO10, LLD10, LCM+18, PPD07, SHW+18, SGC04, UT02, XWY+15, ZT18, DMCN+17, LJK+12, WGO+14]. Crowd-sourced [KWD14].

Crowdbrush [Ano05c].
Crowd 
[AVF04, BSK16, BPA16, CKGC14, CC14, JVS+12, JPCC14, KWD14, LD04, LCSCO10, LLD10, LCM+18, PPD07, SHW+18, SGC04, UT02, XWY+15, ZT18, DMCN+17, LJK+12, WGO+14]. Crowd-sourced [KWD14].

Crowds 
[BD12, LJK+12, LCL07, MTB+12, NAS07, OCV+02, PPD07, RD05, TLC02, WK12a].

Crowdsourcing [BMB+18, OJ15].

Cryptography 
[CJFH14, LMHH14, SY14b, SGS14, ZZCJ14].

Crystal 
[RHLH18].

Csaba 
[Ano04c].

CSG 
[BR96, Ger92, JA95, Pat89, Wie96, WXW18, WGG99, ZC95].

CT 
[DHS+13, SS12].

Cube 
[BW13, NRP11].

Cubes 
[BDA+17, DZTS08, MJC01, PWH11, RW08, RH+95, SW05, The02b].

Cubic 
[AASB14, EMK09, HA17, ND06, RC18, Guo93, KP11, KP15].

Cubical 
[BRS01, HWC05].

CUDA 
[Ros13, STK08, SS09].

Cue 
[KLK17, RHL12].

Cues 
[FMB+00, PD16].

Culling 
[AMTMH+12, ASVNB+00, BKES00, BWPP04, CATM09, GL10a, GPP+10, GRD10, KBK+10, MBW08, MBJ+15, SBW06, TH17, WLT+17].

Cultural 
[Arn08, AJL+11, CL99, DCPS08, HBRW12, PPY16, Wie96, WXW18, WGG99, ZC95].

Cumulus 
[ZLYL17, YLH+14].

Curl 
[RLH+17b].

Current 
[PF90].

Curse 
[Pas02].

Curvature 
[ADS06, BCGB08, CCSSL09, CK11b, DGE09, ESP08, EP09, HTH96, KSBC12, SYT+13, ZJ18, TAOZ12, VVP+16, WB01, ZWC+10, MM18].

Curvature-Domain 
[ESP08].

Curve 
[BYP95, BV96, BF84, CK84, Elb95, GLK16, GLK18, GBKS18, GA98, HHCJ18, JW95, LH+11, LWZ+13, LW17, LW18, LBD+08, OMW16, PM16, RK94, SV+14, SB99a, SLSK07, SL89, TTB+12, ZCG98].

Curve-skeleton 
[SLSK07].

Cylindrical 
[BA1J1A, AJ1C11, BLW11, BV+16, BRNSV01, CGS16, DCM00, DLS15, EBV01, Fi95, FB94, GLK16, GKK13, HM83, Haw95, Hew90, Jes16, KMS83, KSD14b, KUR15, LTKD15, LCF12, ML53, NAS03, ND06, PCL+91a, PJS915, VSK16, VW89, WHT+12, YR91, dFSS03, AP92, BSV92, KFK94, MNR94, MS93, SW92b, Vel92].

Curvilinear 
[AO13, YM09, ZLL13].

Curving 
[KPD10].

CustomCut 
[GLX+16].

Customising 
[PCS94].

Customizable 
[BP13, TC05].

Customized 
[GSE+14a, GLX+16].

Cut 
[FP94, LAM09b, WMRSF15].

Cut-Cell 
[WMRSF15].

Cutaway 
[DWE03a, DWE03b, LMS+16].

Cutout 
[HZZ11, TZZ11].

Cutting 
[DLC05, FLL11, HL14, JLCW06, JZYP18, RCM+14, RLYL14, ZWC+10].

Cyber 
[MSFM16].

Cycle 
[BFG+17].

Cycles 
[DGE09].

Cyclide 
[FG04].

Cylinder 
[Gam16, RSVP02].

Cyprus 
[Ano07j].

Cytospore 
[HPvU+16].

Czech 
[Gob96].
BMH\textsuperscript{+12}, BLY\textsuperscript{+11}, BWH\textsuperscript{+11}, BSW\textsuperscript{+14}, BB91, Bik12, BTG95, BKR\textsuperscript{+17}, BBLL11, BBL12, BvLBS11, BTB13, BBS\textsuperscript{+09}, CCS95, CS99a, Cal96, CGT\textsuperscript{+15}, CKGC14, CC14, CLJ\textsuperscript{+15}, CWL\textsuperscript{+15}, CJC\textsuperscript{+09}, CYF\textsuperscript{+12}, CNKI13, CWM19, CMS94, CDS16, CMF18, CKE\textsuperscript{+12}, Co93, CMT05, CKS\textsuperscript{+16}, CR16b, CPK09, DAP08, DKG15, DAF\textsuperscript{+18}, DTA94, DMCP94, DH16, DPD\textsuperscript{+15}, DMSL11, DKCK00, DvHL14, DvF19, FK09, FMHL16, Fri94, FH09, GB00, GLHH13, GCLX17, Gk18, GSGC08, GHB\textsuperscript{+17}, GKP11, GMDW09, GLW96, GBKG04, GRPF16, GJL\textsuperscript{+09}, GP10, GSW12, HEN16, HKD\textsuperscript{+08}, HSK\textsuperscript{+10}, HJM\textsuperscript{+11}, HV16, HWC\textsuperscript{+05}, HS13, HSH16, HPvU\textsuperscript{+16}, HV08, HV10, HPH10, HJ\textsuperscript{+13}, HJS\textsuperscript{+17}, IP99, IS15, JBB\textsuperscript{+08}, JBL09, JC08, JCN14, JL08, KWD14, KZB19, KZ08, KCJM16, KFH10, KKS\textsuperscript{+12}, KK07, KHH\textsuperscript{+09}, KI06, KME12, KCA\textsuperscript{+16}, KSS97, KPG16, KBvP17, KVD\textsuperscript{+10}, KFR\textsuperscript{+11}, KTW\textsuperscript{+13}, KZM12, LPP09, LF97, LDB11, LSBP18, LMS\textsuperscript{+16}, LKZ\textsuperscript{+15}, LC16, LOM\textsuperscript{+18}, LSS\textsuperscript{+12}, LCB\textsuperscript{+18}, LMG\textsuperscript{+18a}, LFK\textsuperscript{+13}, LFS\textsuperscript{+15}, LJJH13, LWBP14, LW15, LBJ\textsuperscript{+16}, LCDW16, LL09, LGW18, MK11, MG87, Mar95, MCM3, MRL\textsuperscript{+17}, MKP\textsuperscript{+16}, MKSS12, MBT\textsuperscript{+12}, MLB\textsuperscript{+18}, MO\textsuperscript{+08}, MH00, MSK06, NNN11, NGB\textsuperscript{+09}, NJS\textsuperscript{+11}, NCKG00, NK93, OJ16, POS\textsuperscript{+11a}, PSM12, P94, PLL11, PEP12, PDW\textsuperscript{+14}, PK09, PZB\textsuperscript{+09}, PS\textsuperscript{+11b}, PEPM12, PDW\textsuperscript{+14}, RXX\textsuperscript{+17}, RSTK08, RKL16, RR10, RPL11, RN07, RMO13, RBRY19, RSS96, SSB14, SSKB15, SB99a, SML15, SCD\textsuperscript{+16}, SHLS02, SBG17, SPB\textsuperscript{+17}, STMT12]. Data [SA15, SY12b, SHW\textsuperscript{+18}, SV10, SAAF18, SNL09, SK16b, SvL16, SBS\textsuperscript{+17}, SWG16, SGG15, SG16, SLSG16, SSS\textsuperscript{+12}, SW04b, SSSG16, TIS\textsuperscript{+95}, TFC\textsuperscript{+11}, TWC\textsuperscript{+16}, TLFC16, TCM10, TPBC09, TPRH11, VHB08, VSG\textsuperscript{+13}, VB14a, VF14, VM12, WC15, WDM\textsuperscript{+12}, WYZC13, XWR\textsuperscript{+16}, WLI\textsuperscript{+17}, WL\textsuperscript{+17}, WG11, WBS\textsuperscript{+13}, WH\textsuperscript{+11}, WGO\textsuperscript{+14}, WCH\textsuperscript{+15}, XSE14, XKH17, YWS\textsuperscript{+14}, YNM\textsuperscript{+13}, YLRC10, ZFAQ13, ZFA\textsuperscript{+16}, ZLW\textsuperscript{+16}, ZAM\textsuperscript{+16}, ZMI\textsuperscript{+16}, ZZ17, vDHO16, vGPN17, vDvC1W13, vdC1W16, vdZL111, CFGL16, Cot85, DKW94a, FT03, Jin96, JR08, KGG18, MK08, MM93, NDD14, RK10]. Data-Dependent [SW04b]. Data-Driven [CKGC14, CC14, CMT05, ECN14, GLHH13, GCLX17, GCZ\textsuperscript{+12}, HSM13, IS15, MBT\textsuperscript{+12}, PZB\textsuperscript{+09}, RXX\textsuperscript{+17}, RBRY19, SSB15, SHW\textsuperscript{+18}, WLI\textsuperscript{+17}, XKH17, ZLW\textsuperscript{+16}, ZZ17, AECOK16, CLJ\textsuperscript{+15}, EIK16, HPH10, LOM\textsuperscript{+18}, MSK06, RN07, ZA15]. Data-Faithful [KK07]. Data-guided [HEN16]. Data-Parallel [MKSS12]. Database [LDG15, OAO11, SK17]. Database-Assisted [LDG15]. Databases [BB91, MHHH15, SDB99, FT93]. Dataflow [VO10]. Dataset [BGK96]. Datasets [HPvU\textsuperscript{+16}, LC99, ZC18]. David [DCPS08]. Daylight [QNTN03a, QNTN03b, ZBP99]. Dead [COS95]. Dead-Zones [COS95]. Deblurring [AA09, BCI11a, CCTL12, EBC17, MPM12]. Debugging [HSH16]. Decades [MLP\textsuperscript{+10}]. Decals [dGWB\textsuperscript{+14}]. Decay [KR11]. December
[Duc86, tHS90]. **Decimation** [SLA15]. **Decision**

[BMPM12, CCH+14, CWS+17, KMJE12, LCP+12, WKS+14, MK08].

**Declarative** [BB91, DH93a]. **Decoding** [DSW09]. **Decolorization** [YLL15].

[IRWM17, KG18, SN86]. **Decomposition** [AGCO13, BÖK11, BMB15b, DSH+17, DJM12, EL01, ERHH11, Got94, GFW+06, HWAG09, HYZ+14, JTRS12, KE97, LJKL17, LVV18, MP12a, NKLN10, RK99a, SSW14a, STK02, SJF11, TLRB18, WLZH17, YL11, ZT10, ZRJ+15, FR92].

**Decompositions** [BKPB17, Szy11].

[CC06, GMC+06, JBG17, KCL06, MKSS12, OBGB11, ILRS03a, ILRS03b].

**Deconstructed** [SCM+19]. **Decorative** [STG16].

[AW00, GTG17, WWT+16, CM16]. **Dedicated** [FTB99, NYTN87, TD00].

**Deep** [APH+12, BM16, EJMK16, ESKBC17, Fre18, HGO18, HMP+12, hKTL+17, KKK18, KSR+18, LPSB18, MBRHD18, NAM+17, VAN+19, XHH+18, YK08, ZLZ+18, HKM15, NW17].

**Decay-learning** [HKM15]. **DeepGarment** [DD+17]. **DeepProp** [EIKM16].

[AKP+05, ATBG08, AW13, CZ08, CCI+07, GB10, HAWG08, LLG97, LSP08, SG08, SWG08, ZSCO+08, CH12]. **Degenerate** [CFR14].

[TAEE15, TAE16]. **Deghosting** [DO00, HM15]. **Degree**

[GM06, SS15a, QSW92, SHD16]. **Delauynay** [BYB09, CCW12, CMPS93, DL10, DS11b, GKS00, NMOT01, SSE+14, ZSW+10b, dCTA09]. **Delay** [WBFvL17]. **Delta** [DM92]. **Demand** [SG96a, GLX+16]. **Demand-Driven**
IOI06, JKL13, KDC14, KBK13, LPD14, MB97, OCV+02, OJS+11, PJR+14, SW08a, SBD15a, SRK13, SG03, WT11, WYY13, YSL08, ZCH+17, ZBM+17, BS02, SLKL14]. Detail-In-Context [BPBD08].

Detail-Preserving [DCPS08, NJGW15]. Details [ARRO+17, ABW+15, BMH+12, BT95, BPW14, BB00b, BFG+17, BBW09, BGAM04, BCWR08, CJC+09, FWPS11, GL12, GGK06, HBB02, JL17, JBT08, JFS006, KZB19, KZ05, KBW13, KH+09, KSP+18, KZ04, KLAB15, LPH+15, LLC+15, OL16, PKS10, PCBS16, PG95, RKC02, RBC14, SCN+16, SVG+08, SWK07, SR19, SAD+16, SLD+17, SGS14, SBB+14, SOM04, SJW13, TKH+05, TPBC09, VCC98, VBP+09, VMTS10, VT94, WTTM15, WTTM18, WB01, WDZ17, WLML99, WC14, WP04, YMJ+17, YM09, ZY02, ZDM+14, ZVE+14, MPM+14]. Detector [CWL+15].

Determination [JD98, KGL+98, SZG93]. Determining [BBMR88, OM13, SN84]. Deterministic [AGR19, SKS09, BPZ96]. Develop [SJL15]. Developable [BW07, JKS05, SWG12, TPBC09]. Developing [BB07, KJC+09, PCR89, WT93]. Development [KM83, LTC18, NM91, OIST91, Sab82, VPLL08, BFTL82, CTW92, EFGS96] Developments [Bou88, Bro90, LD03, de 97, CRW83]. Device [ADJ+01, BP82, HR85, van90]. Devices [BCF94, Dvt90, FR00, KKT17, LD03, RKR+16, UMM+10, vt87].

Dexterous [BLY+16]. Diagnosis [ZVE+14]. Diagnoses [PSK09].


Diego [SC18]. Dietrich [Ano07b]. Difference [BG09, GG15, GMSK09, HCO18, NMP98]. Differences [PSC18, ZK09, Rap92]. Different [AMY17, ARM+15, BMWM1, CCH+14, HV10, MBDC15, OZS08, SC84, SSM12, PCBL16]. Differential [BM16, BHU10b, CDS10, Des04, FSES14, JTSZ10, MS10a, Rts10, Sor06, VVP+16, Y10, G192]. Differentials [CC1T09, CLF+03a, CLF+03b, CLB+09, EBR+14, LSW09]. Difficult [ZDJ16]. Diffraction [DTS+14, SLE18]. Diffuse [GSA03a, GSA03b, Hei01, KJ92, SK99]. Diffusion [BS12b, BMR+16, BLW11, CZC08, GBAL09, HCJ13, HHA17, Jes16, KSW+12, KPS+14, KT97, LDR09, LSW09, PJSH15, SSO08, SOK09, SKS09, ZCH+17, vFG11, HGA+10]. Diffusion-Based [vFG11]. Diffusive [HWW15, KK18]. DiFi [SM04]. DIGIS [dBv93, vL90]. DIGIS-a [dBv93]. Digital [BDGF07, BB88, CG16b, COS95, DGE09, DKW49b, DJM12, GB16, JFCS17, JSH+13, KT09, LSJK09, NT95, SC+17, VGB14a, XTJ+07, XYL09, YGL+09, ZH12, BM93, CFGL16, CS93, Lev99]. Digitised [AO89].
digitising [VW91]. Digraphs [BD08, GBD09]. Dihedral [VR92].

Dimension [ATW15, FR11, LF10, MDI*18, Pas02, Pic86b, RGW05, WD09].
Dimension-reduced [ATW15]. Dimensional [ABD10, BMG99, BTB13, FR11, FDL14, GKS00, GHWG14, KKS*12, KySK08, KZZM12, LD06, LZQ13, LWBP14, LB1*16, LHNS18, MC14, MA*09, PSPM12, PHL*16, SS96a, STMT12, SGG16, TMR86, TLRB18, WL*N+17, ZR96a, vdCvW16, AHKS94, BDS*03, Day92, EHH*13, ILRS03a, ILRS03b, JPN15, KARC15, Kur15, LKZ*15, LWT*15, S99, SL99, SM99, TWSM17, ZR96b]. Dimensionality [PSPM12, Pas02, RL15]. Dimensioning [KWM15].
Dimensions [EMP*12, HS94, KZZM12, LK13, Nic85, TWMSK18]. DimSUM [MDI*18].
Diorama [AW07]. Dipoles [BSW*12]. Dirac [LJC17, YDT*18]. Direct [AGG*08, AKF*14, Beld13, BD16, BBP09, CAM08a, CAM08b, DKWB18, DQ00, ER18, FFD93, JKK*18, KPD10, KVS*14, KGP*12, KWN*14, LWBP14, LKG*16, OT11, OLF*14, RGG*14, SGS05, SPH*09, SGM*11, SSFS06, Sn95, SPBV10, SSSK04b, VCRG14, WA09, WK12b, XSE14, ZCG98, ZKWG16, van90, vL90, BT92, SNJ*14, WZC*11]. Direct-Touch [KGP*12]. Directable [MSGT18, MAA*09]. Directed [Bov90, HV09, RSC01, SAAB11, ZWHK16]. Directing [GLCC18].

Direction [WZK16]. Directional [BKES00, CIE*16, GKB09, Hua17, LFA*15, SPH*09, VCD*16, ABB*07, MFW18]. Directions [LF97, FLBS07]. Director [AWCO10, MCB16]. Dirichlet [LPG10, SGB13].

Disambiguation [FM*00]. Disassembling [Att15]. Disassembly [KKSS15]. Disc [Rnt03]. Discontinuities [Thi01, TC05]. discontinuous [STM93]. Discovering [Ano98w, BLY*11, CDM*17]. Discovery [PZD19, SBCBG11a]. Discrepancy [PCX*18]. Discrete [AGDJ08, AM02b, BCBSG10, BDS*12, BB08, CLM09, CDS10, Des04, EBV05, FB11, GW07, HSS*05, HRWW12, HZRS18, LGH13, MSS11, MD08, PPH*13, RL09, SWPL08, SW08a, SC95, TIS*95, TW97b, Thi01, VPL08, VHM*13, WLT12, WJB*13, WW18, YGL*09, YM*17, dGLB*14, BLS93, DFIM15, FT93, GGRZ06, TW97a, WIFD13, YDT*18]. Discretization [BT98, LBT92]. Discretizations [SJP*13]. Discretized [BKE00, VT94].

Discrimination [NWHF16]. Discriminative [SXY*11, WLN*17].

Discussed [PNR89]. Diseases [ZVE*14]. Disk [EMP*12, ERA*16, Gam16, LD08a, Yuk15]. Disks [EMA*13]. Disorders [BW17]. Disparity [KRMS13, RHLJ12, SBE19, DKR*14]. Dispersion [HHGJ15]. Dispersion-based [HHGJ15]. Displacement [AM02b, BK03c, BK03d, CC08, DKS01, JH12, LY*08, LP95, PHL91, SKU08, vGPNB17]. Displacements [PP96]. Display [AGG*08, AG06, AMS09, BG01, CLGS18, Hea90, Hei01, HLR*11, KKT17, LMLG15, LMG*18b, PH87, Pat89, Pil85, SD94a, SL89, SF83, TTW90, Jac85].

Displaying [Coq85, DMA03a, DMA03b, Hei95, NN94, PMW86, SK86]. Displays [CZGF05, Den86, DMHS08, DER*10, ESKD14, GRPF16, HKD*08, HF16, MG05, MbMRY15, MS96b, NGB*09, Pic86a, RSH*12, RvBWR04, SM10, WRK*16, WHL10, WO94, YMM06, CHA*14, MS96a].
Disruption [RPMO13]. Dissection [SSA+08]. Dissimilarity [KMAB15].
Dissipation [GBG+14, SBO18]. Dissolve [GVWD06].
Distance [AMAM13, BDF+14, BF15, BFG+17, CG16a, CT11, CC108, CS18, KZ04, LMM10, LPK13, LDR09, MGS07, MRL10, MRS08, OZ09, PPL13, PGK10, RLF09, SFFP15, SOM04, SKALP05, TPBC09, WCX+13, WP04].
Distance-Based [BFG+17]. Distance-Ranked [MGS07].
Distances [CK11a, Pat16, Pat17]. Distilled [AEWQ+15].
Distinctive [JBTS08, SDA+18]. Distortion [Ara94, BGI08, LYP+08, LWBP14, MDP08, VP11, VR12, VB14a].
Distortion-Free [BG108]. Distortion-Guided [LWBP14].
Distortions [ˇCHM+13, KLD+09]. Distributed [AKB+95, Ano91b, BAA+16, BDG+04, DGC+98, GG14, LS16, LGK97, Mili88b, MO08, MHHH15, MKRE16, NNB97, SG96a, TIK17, HK94, Kin92].
Distributing [HHD03a, HHD03b, SHQL18]. Distribution [CLF+03a, CLF+03b, FK09, Hd14b, IK00, KH18, KSS97, RBMS17, WYKR17, BSH12].
Distributions [ACKM16, LD08a, PSP+16]. Dither [VB00].
Dithered [BFH+98]. dithering [CFM93]. Divergence [KS14].
Divergence-Free [KS14]. Diverse [ESKD14]. Diversity [PZY08].
Diving [WH96]. division [FND92]. DMAT [YYG18].
DNA [MDI+18]. do [VR95].
Doctoral [Kje89, Kje90, Kje91b, Kje91c, Kje91d, Kje95]. DocuBurst [CCP09].
Document [CY11, CCP09, CW11, EAGA+16, HC14, IF09, KvLB14, LKC+12, OSR+14, PTT+12, SSDK12, SSSG16, WPW+11, ZAM+16]. Documented [KCB97].
Documents [LKC+12, PTW13, PTT+12, SSDK12, SSS+12, PSP+14]. DOF [SSK07]. Domain [BYM18, BCCS12, ESP08, GP09, HGNH17, JA95, LL18, LGK97, MVZ16, OMT02, PP09b, RLP+17b, GGM12]. Domains [BV09, DSC09b, SBC16, SCM+19, FS08]. Domes [SM11]. Dominant [GSW12, LDR09, MK06, PP11, PW13, ZSW10a]. Donut [SK16b]. Doo [SMAB02]. Doodle [BiA06]. doTS [GBKG04]. Doughnut [CEX+18].
Drawing [BZBM+16, Ben94, BCD01, Bur95, CLJ+15, CLLC15, FW+13, FCS+16, JCJ09, KHK12, KWOG18, Kuz90, LTKD15, Lrd94, LFA+15, PFC15, Sla88, SP03a, SFSW03a, SP03b, SFSW03b, SDC09, WLL+17, WBCG09a, YKM12, ZLDM16, FND92]. Drawing-Style [WLL+17].
Drawings [Bij87, Bur95, CBC+15, DHvOS00, DKM18, KOS+15, LFFG08, Pkl88, Scl08, WK17, XSQ13, WGG93]. drawn [SDC09]. Dressed [CMT02, STC+16, ZY02]. Dressed-Human [STC+16]. Driven [AD01, BS19, CKGC14, CC14, CMT05, ECN14, FB11, GLHH13, GCLX17, GH97, GCZ+12, HSmCy13, IS15, JKK+18, KFA+14, LWBP14, LRB+15, MBGS01, MBT+12, MF00, NGDA16, PZB+09, Red96, RXX+17, RBRY19, RSK12, SML15, SG96a, SH+18, SWB98, SBW06, SB98, TCGK15, VS10, WK12b, WLL+17, XKKH17, ZSCO+08, ZLW+16, ZZ17, ZV09, AEC016, BGB08b, CLJ+15, CAE08, EIKM16, HPH10, LOM+18, LCL+06, LMP16,
MHS$^{+14}$, MRM$^{+18}$, MFNP13, MBM13, MAA$^{+09}$, MMHL08, MSK06, RG15, RNV07, SA15, SKC01, TMO04, WSR$^{+17}$, ZR13. **Driver** [HR85].

**Droplet** [YLHQ14, MMS09]. **Droplet/Spray** [YLHQ14]. **Drosophila** [SMB$^{+17}$]. **Drying** [JPK13]. **Drypoint** [TMO04]. **DSV** [Ano98d, Ano97e]. **DSV-IS** [Ano98d, Ano97e]. **DTI** [SEI10]. **Dual** [DWL$^{+09}$, DRW15, IEGT17, PA06, SW05, SD09, SDKG18, ZQQS08, WIFD13]. **Dual-color** [RCM$^{+14}$]. **Dual-microfacet** [DWL$^{+09}$]. **Duality** [BV96]. **Duality** [Bio96].

**DSV-IS** [Ano98d, Ano97e]. **Drypoint** [TMO04]. **DSV** [Ano98d, Ano97e]. **Drying** [JPK13]. **Drypoint** [TMO04]. **DSV** [Ano98d, Ano97e]. **DTI** [SEI10]. **Dual** [DWL$^{+09}$, DRW15, IEGT17, PA06, SW05, SD09, SDKG18, ZQQS08, WIFD13]. **Dual-color** [RCM$^{+14}$]. **Dual-microfacet** [DWL$^{+09}$]. **Duality** [BV96].

**DSV-IS** [Ano98d, Ano97e]. **Drypoint** [TMO04]. **DSV** [Ano98d, Ano97e]. **Drying** [JPK13]. **Drypoint** [TMO04]. **DSV** [Ano98d, Ano97e]. **Dual-microfacet** [DWL$^{+09}$]. **Duality** [BV96].

EACS [BP17]. **East** [Ano97z, Ano97-28, AEL$^{+82}$]. **Easter** [Bro90]. **Easy** [CY11, GCL$^{+06}$, JLCW06, SCR$^{+18}$, WHS$^{+18}$]. **EasyXplorer** [WCH$^{+15}$]. **Ecobrush** [GLCC17]. ecological [WY92]. **Ecology** [SvL16]. Economic [Bel87]. **Ecosystems** [GLCC17]. **Eddies** [LSB$^{+17}$, SJ13a, WPH$^{+11}$]. **Eddy** [WPH$^{+12}$]. **Edge** [ADF85, BdM14, HDL11, HGRS$^{+17}$, HV09, JGH11, LHT17, LA08, LJZX15, LFA$^{+15}$, PG94, TE10, WTL15, ZWHK16]. **Edge-Aware** [LAA08, WTL15, LFA$^{+15}$]. **Edge-Face** [ADF85].

**Eddies** [LSB$^{+17}$, SJ13a, WPH$^{+11}$]. **Eddy** [WPH$^{+12}$]. **Edge** [ADF85, BdM14, HDL11, HGRS$^{+17}$, HV09, JGH11, LHT17, LA08, LJZX15, LFA$^{+15}$, PG94, TE10, WTL15, ZWHK16]. **Edge-Aware** [LAA08, WTL15, LFA$^{+15}$]. **Edge-Face** [ADF85].

**Eddies** [LSB$^{+17}$, SJ13a, WPH$^{+11}$]. **Eddy** [WPH$^{+12}$]. **Edge** [ADF85, BdM14, HDL11, HGRS$^{+17}$, HV09, JGH11, LHT17, LA08, LJZX15, LFA$^{+15}$, PG94, TE10, WTL15, ZWHK16]. **Edge-Aware** [LAA08, WTL15, LFA$^{+15}$]. **Edge-Face** [ADF85].

**Edge** [WPH$^{+12}$]. **Edge** [ADF85, BdM14, HDL11, HGRS$^{+17}$, HV09, JGH11, LHT17, LA08, LJZX15, LFA$^{+15}$, PG94, TE10, WTL15, ZWHK16]. **Edge-Aware** [LAA08, WTL15, LFA$^{+15}$]. **Edge-Face** [ADF85].
SEASM09, SHJ+16, SARZL10, SG08, Ste84, TZD11, TRAW12, WHCO08, WDR11, XM09, XWT+09, ZH12, ZLDM16, dGWB+14, BT92, CTW92, DCNP14, DOS93, LW92, NGM14, San92, ST93, XGL+07. Edition [End84a].

Editor [cLCtLL98, Mun83, Wal87].

Editorial [AR06, Ano01a, Ano01b, Ano03d, Ano04a, Ano05a, BWS05, CR16a, CR17, CB18, CS97a, CS97b, CS97c, CS98b, CS98c, CS98d, CS99b, CS99c, CS99d, CD00a, CD00b, CD00c, DZ15, DS01, DS02b, DS02c, DS02d, DS03, DS04a, DS04b, DS05b, DS05c, DS06a, DS06b, DS06c, DS07b, DS07c, DS07a, GR11, JAP10, RD12, RD13, RD14a, RD14b, SG09, SG10, SC97, CFT86]. Editors [Pet10, SD94a, Pet10]. Edits [LJH10].

Education [Ano97d, Ano97-29, Kol08, SDA+18, Tur84, BH06, DS09]. EEC [BP82, BP83b, Duc82a]. EEG [APM+11, JvdGMR19]. Effect [CEX+18, GCGP18, HK16, MK15, RAP08, TTW90, WWV17]. Effective [BP17, FAT07, Gia18, KGM+10, LF10, TLM16, VF16, WCT+15, XBL+18]. Effectiveness [APM+11, KH18]. Effects [AMT+12, Bac96, GMSA08, HHRZ12, IDN02, JMV+15, JZJ08b, KH18, KW05, MSK14, OKG+10, RMSG+08, RKN12, SGM+11, SKWL13, Sta97, SKUP09, VWH18, WYKR17, ZR96a, MMS09, ZR96b]. Efficiency [CCI13, Sch84, SM84]. Efficient [Aan18, AEW90, AKP+05, AMTMH12, ATBG08, Att15, AHL+06, AKM16, AO13, BW09, BPM06, BT98, BAAM17, BH11, Bik12, BBT99, CC14, CDA+14, CWW+11, CGH18, CAH00, DZD+16, DGR+14, DSW09, FP94, FFN18, FA87, FW99, FBL16, FM15, GH96, GKD07, GPGSK18, GGG+16b, HD14a, HZZ11, HHH12, IGMK+16, IEK+14, IDN02, JE000, JKL+16, KS11, KSO10, KBS11b, KrJC+11, KCL+18, KL19, KMH09, Kob03a, Kob03b, KK02, Ku90, LPK09, LeYTM08, LWS+16, LLC+15, LWV+15, MFS08, MCH13, MJBC13, MK99, MKB+05, MK15, MRS12, MGN17, Nar95, NB94, NS11, OM13, OBGB11, POS+11a, PPBP11, Pat17, QZY17, RW16, RKR+16, RLR+17b, RR94, RPMO13, SBE16a, SLE18, SHL02, SSO+10, SWK07, SC84, SSFS06, SKZ13, SC08b, SDS+16, SDB97, SS+00, SBW06, SO10, TDNL18, TMRL14, TE18]. Efficient [TSdSK13, TSK14, TZD11, TW96, VGB14a, VB14b, VH15, VT94, WPG02, WC05, WZC+11, WZKP14, WTTM15, WLT+17, WTMT18, WBS+13, WCB15, WSG05, WTH+13, XL10, XZXC13, YM06, ZCO97, ZPS03, ZCZL13, ZZZ15, Déc05, Rap92, Ska96, TPSh14b]. Efficiently [HMS09, MRD12]. EG [Ano97e, Ano97g, Ano98f, Ano98h, Ano98i, Ano98g, CG07a, DS11a, LSF+11, PS10, Ano95n, Ano96a, Ano96c, Ano96p, Ano97o, Ano97p, Ano97q, Ano97r, Ano97d, Ano97f, Ano98-30, Ano93e, Ano95a, Ano98, BBP+04, BWS05, DCPS08, Kei04, Zot08]. EG/IEEE [Kei04]. EG2008 [Ano07i]. Egocentric [PIWB98]. Eigenproblems [NBH18b]. Eighth [Ano97s]. Elastic [KSKL13, LLC10b, PGBT18, SBO18, ZZT15, MWCS13]. Elastically [TG98]. Elasticity [TE18, ZLW+16, ZZZ+17]. Elasticity-Based [TE18]. Elasto [ZLKW13]. Elasto-Plastic [ZLKW13]. Elastoplastic [CZZ+18]. Elber [Ano97-31]. Electors [ATCO+10]. Electrical [tH83a]. Electronic
Environment-Adaptive \[KL14\].

Environmental \[GSHN94, GPG+16, vvT84\].

Environments \[Ai98, AVF04, BGAM04, CKHL11, CBSF07, DDH+18, FVHK17, Fur04, GSA03a, GSA03b, Hei01, JH15, KCB97, KW05, Kun04, LD04, LL01, LGK97, MCO97, MHA17, MG95, MSWK02, MCG+19, MF00, PLT+97, PDV+15, PIWB98, SS00, SG96a, Sha97, SCCN11, SDM99, SDB99, SNLW01, SGC04, WBP98, WS99, DGR+14, GH96, Gob95, Gob96, HK94, JPC14, VCDF95, HJL07\].

EnvyDepth \[BCD+13\].

eNVyMyCar \[GC09\].

EPDiff \[AVBC18\].

Epigenomic \[YNM+13\].

equalities \[SSJ+10\].

Equalization \[AGM+06\].

Equalizer \[LMS+16\].

Equation \[PHTB12, YW97, HGA+10, PM93\].

Equations \[CRGZ10, YLG+18\].

Equidistant \[MLP92\].

equivalent \[vDHO16\].

Erosion \[CBC+16, KBKS09, RPP93\].

Errata \[Ano06a\].

Erratum \[Ano99f, Ano07a, Ano09a, Ano13a, Ano13b, Ano15b, JD01, SE02b\].

Error \[AKSA09, BEEM15, CR98, DCY919, ED07a, EPAS11, HS98, JKJL18, LA06, MMG10, NIDN16, SW04a, SNJ+14, SKS09, VR12, VD18, WTTM15\].

Error-Bounding \[HS98\].

Error-Correcting \[EPAS11\].

Errors \[GKPL11, KUMY10, RAP08, VV99\].

Escher \[SDG99\].

Escher-Like \[SDG99\].

Estimate \[JZ08b, WW99b\].

Estimates \[LH11, SSSS13, ZHD18\].

Estimating \[CLB+09, GCP+09, JCW11, WMTG05\].

Estimation \[AAS17, BEEM15, BPV+09, BM12, BM16, BAJ08, CEX+18, CACB18, DDÖ+17, GUS12, HDF15, HP02, HGNH17, HVL18, HET12, JMD15, KHIK01, KUMY10, LWDB10, LJL+18, LMGH+13, MBT+12, MNO16, MES+11, NIDN16, NCKG00, SW17, STC+16, VVP+16, WHD17, ZRJ+15, vMRBP17, SD10b, WFF+15, WGO+14\].

Estimations \[Böhm01\].

Estimators \[FCH+06, SKGM+17, WYD+13, SNJ+14\].

Eulerian \[JS10, PCBL16\].

EUROGRAPHICS \[Ano88a, Ano89, Ano91a, Ano92, Ano93, Ano94, Ano96i, Ano04b, Ano05b, Ano05d, Ano06b, Ano06d, Ano07g, Ano08d, Ano09c, Ano10a, Ani11d, Ano12d, Ani13f, Ani13i, Kwi89, Ano97o, Ano97s, Ano97-28, An097-29, Ano98d, Ano98e, Ano98i, Ano98j, Ano04g, Ano06e, Ano06f, Ano07d, Ano07e, Ano07l, Ano07i, Ani11e, Ano12f, Arb90, AS98, AJL+11, BH96, BH06, Bru11, BJR94, Can11, CSGL10, Che06, CDD09, Des06, DS99, Duc98, Eis11, Gob95, Gob96, HP95, Hég91, HK94, HJJL07, ID10, IC11, Jan91, Kon06, Kuhl12, Kii91, Kun04, LMD04, MJ98, NSGP06, Ott90, PB95, PH91, PS96b, Raß05, Rei03, San06, SvZ95, TvdP98, Wei08, ACM80, Ano84a, Ano85, Ano86, Ano95i, Ano95n, Ano95m, Ano95b, Ano95j, Ano95k\].

EUROGRAPHICS \[Ano95o, Ano95p, Ano95a, Ano95d, Ano95c, Ano95q, Ano95-27, Ano97k, Ano98a, Ano99d, Ano10b, Ano11d, Ano12e, Ano13g, Anr08, ADS09, Arr91, Bou90, Cla89, Dau90, Duc89, Duc90a, Duc91, Enc81, Gre85, Heg90, HET+83, Kid82, Kid84, Le 90, Lis90, Mat86, Mor86, Pin85, Req86, SW83, Van85, VD90,
Vel91, WG82, Wat82, Ano87a, Ano88b, Ano96i, Ano96g, Ano96h, Ano96j, Ano96k, Ano97v, Ano97w, Ano97y, Ano97z, Ano97u, Ano97t, Ano97x, Ano98u, Ano98x, Ano98y, Ano99g, Ano99h, Ano99i, Ano00e, Ano00f, Ano00g, Ano01c, Ano01d, Ano01e, Ano02c, Ano02d, Ano04c, Ano04d, Ano04e, Ano04f, Ano04g, Ano05c, Ano05d, Ano05e, Ano05g, Ano06c, Ano06d, Ano06e, Ano07b, Ano07c, Ano07d, Ano07e].

Eurographics [Ano07j, Ano09, Bla08, Bro90, Cla88, DS11a, DJ88, DT04, GP06, HHS89, How87, HB91, Kje91a, LSF+11, LMD04, Mum90, Oll04, PS10, Sch98, TB84, Van80, Wat88, WBP11, tH83a, tH84].

EUROGRAPHICS/ARGOSI [ADS90].

EUROGRAPHICS'2006 [Pur07].

EUROGRAPHICS'90 [KB90].

EUROGRAPHICS'96 [Ano96s].

Eurographics'98 [Ano97-27].

Europe [Ano82].

EUROPE'92 [tHS90].

European [Ano96s, Ano97o, DJ88, HHS89, Req86, TB84, Van85, Ano92, Ano93, Ano96l].

Evacuation [HK00].

EvalBench [AHR13].

Evaluating [CCH+14, GHX+17, HVH+16, HYL+15, JVS+12, KK17, OJ15, SDK+15, WLS13].

Evaluation [AKMM11, ARH12, AHR13, APM+11, APP10, BGCP11, BLD+09, BELD13, BMB+18, CBCL13, CRY+11, Cad08, CK10a, DBS+18, DDV+10, EWMU13, HMDO05, HV10, JC10, JKLS10, JR08, Klo87, KDC17, KWH13, LCSCO10, McC96, MBDC15, MK15, MAAG12, OJ15, Pat89, PWB98, RGS10, RB10, RLP10, RL15, SLB+18, SKSB15, SA15, SHK15, SDB+15b, TAE15, UMM+10, WH15, WVv11, YCWX17, ZC95, vKP06, BR96, BLD14b, GA93, VW90, WV91, WGO+14].

Even [BHW17].

Evenly [JL00, SLCZ09].

Evenly-Spaced [JL00].

Event [Ano98y, Ano99], Ano99k, Ano99l, Ano00h, Ano00i, Ano02f, Ano02g, Ano02h, Ano02i, CWM19, HDF15, KCJ+16, KLF+17, WHD17].

Events [Ano97n, Ano97l, Ano97m, Ano98q, Ano98r, Ano98s, Ano99e, GPK+12, Gre97, Gre98, PZD+16, KB92].

Everyone [Ros97].

Everywhere [IRWM17, LSR17].

Evolution [Co05, Duc14, GLG+16, GBD09, RTJ+11, SKZF11, SLSG16, TOZ+11, TA08, VBAW15].

Evolutionary [CBCL13, HCG08].

evolutions [CL92].

evolving [CEG+18].

EWA [HWK+10, RPZ+02].

Exact [BF09, CK10b, ED07a, Kaz15, KRG03, MG95, MAAG12, NAB86, SPD07, SHC15, The02b, YLL+09, BR96].

Exaggerating [yKL08].

Exaggeration [TX16].

examination [Kni93].

Example [BB09, CYC15, FLJ+14, FB11, GLCC18, GMM+12, IMIM08, KS10, LCL07, LP15, LFA+15, NGDA16, OOI05, PCS94, PP10, RJT18, RÖM+15, RSK13, SLB+18, SD10a, WHC008, ZTT15, ZLW15, DD92, ZLL13].

Example-Based [BB09, CYC15, GMM+12, PP10, SD10a, ZTT15, ZLW15, FLJ+14, IMIM08, KS10, LP15, LFA+15, OOI05, RJT18, RSK13, WHC008].

Example-Driven [FB11, NGDA16].

Examples [OAI09, PNVS17].

Excel [WPHC16].

EXCELL [Tam82].

Excentric [BRL09].

Exchange [KKK09, WPH+12].

Exchanging [BSVS04].

Excitable [NHL16].

Exemplar [IEKM16, ZCC14].

Exemplar-Based [ZCC14].

Exhaustive [HS98].

Exhibition [Ano93, Ano94, Ano96l, Ano96s, DJ88, HHS89, Req86, TB84, Van85, YH13,
ACM80, Enc81, Van80, WG82, tH83a, Wat82. **Expanded** [MW18a].

**ExpandNet** [MBRHD18]. **Expansion** [BDA+09, MBRHD18, XS06]. expect [Sár07]. **Expectation** [JRJ11]. **Expectation-Maximization** [JRJ11].

**Expeditions** [Wat96]. **Expeditious** [CBSF07]. **Experience** [BPF+03b, ESK03b, MGJ06, TCH+03a, VGSS04, WGK88]. **Experiences** [AEL+82, MRL+17, CRW83]. **Experiment** [Moh87, Kin92]. **Experimental** [MTVJ11].

**Experiments** [CD94]. **Expert** [BCBL13].

**Explanation** [SvW13]. **ExPlates** [JE13].

**Explicit** [DGP17, LTKD15, VM12, YWTY12, AVBC18]. **Exploiting** [CAM08a, PFC+05, RBDD18, CDPS09]. **Exploration** [ABW+15, AFK+14, BGCP11, BRS01, BPFG11, BSW+14, BCBL13, BBBL11, BBL12, BBP10, BCWR08, CS+18, CZCE08, EAGA+16, EASC+17, FMH16, GH+17, GLG+16, HGRS+17, JBB+08, JE13, JvdGMR19, KRD+15, KyLB14, KFR+11, KTW+13, LWBP14, LWT+15, LL09, ME13, Man16, NJB+11, NLBL+13, OSR+14, OJM+19, PTW13, PEP+11a, PFH+18, PEM12, RvHD+15, RCMA+18, RPK+12, RAMG15, SMH10, SSCO09, SKKS08, WG11, WCH+15, YNM+13, ZH14, vdEvW13, AKZM14, DGR+14, DKG15].

**Explorative** [BBB+18]. **Exploratory** [ADN+17, IEGC08, KOB+08, KGP+12, SV10, SvL16, TCM10, WHC15].

**Explore** [BHRD+15, RntH03, SWG16, TLFC16]. **ExploreMaps** [DGR+14].

**Explorer** [RHM+12]. **Exploring** [AAB+10, BB07, BCD+10, BJA+15, CWG11, DBD+13, DRW15, ESBC99, HRS+14, HC14, JTRS12, KWD14, KFLCO13, KW18, LT17, LXFW11, LBJ+16, MRL+17, PEP+11b, PDV+15, PSK09, RL16, SML17, SM12, SHS+17, TLRB18, WL+17, vdCvW16].

**Exponent** [GKT16]. **Exponential** [PR19, SFY13]. **Exposure** [GTM+12, GPR+05, HA11, LP15, MKV09, MPBM+17, SLE17, SLWSS15, SBB14].

**Expression** [MD19, RntH03, SL09, WKVR08, ZPS03, MMAG93].

**Expressions** [BIMO04, WHL+04, WR05]. **Expressive** [DN08, JL08].

**Expressiveness** [KRMS13, LH+13, WTL13]. **Extended** [BRL09, RW08, SSW14a, SWT+18, TGK+17, WZCF15, PFC05]. **Extending** [DBK11, WG99].

**Extension** [Bak88, JA95, KPAS01].

**Extensions** [FPC+16]. **External** [ESCO00, KLK17]. **Extraction** [GDM13]. **Extracted** [CS16].

**Extracting** [BPKB14, CJXH17, DMP93, DHI+15, EIKM16, KBW+12, KCH+18, LKD+17, TIS+95].

**Extraction** [AGDJ08, BAT11, GWT+08, GE98, GSW12, GT18, GLX+16, HLH+16a, HWC+05, KR+13, LW17, LW18, LKG+16, MBES16, MPWC13, OZ06, POS+11a, PKG03a, PKG03b, PTA+11, PWH98, SWPL08, SVG+08, SB15a, SR96, WL10, WG09].

**Extraordinary** [ADS06, LS08b, Nas03, MM18].

**Extrema** [JWS12]. **Extremal** [GSM12, KCH+18, WZM12].

**Extreme** [XXLX14]. **Extremely** [DCPS08].

**Extremities** [SY14a].

**Extrinsic** [LJC17, YDT+18].

**Extruded** [CJFH14, SM10, WW87b].

**Eye** [BB09, BSBE17, BKR+17, BKW13, GRC13, HYL+15, KTMM07, RIF+09, RPA+15, VGSS04, WBM+18, MH07]. **Eye-Centered** [GRC13]. **Eyeglass** [KTN10].
Fabricating [CSaLM13]. Fabrication-Aware [BFR17, SP13]. Facade [CML+12, DCNP14, MWW12]. Facades [AYLM13, HWA+10, KBK13, RBDD18, BCMP14, MWW12]. Facet [BSH12]. Faceted [BRM+16a, FKR13]. Facets [MNP08]. Facial [BSC16, BS19, BBIG17, BBPV03a, BBPV03b, BSVS04, CLG+18, FGT+16, GVS+15, KK07, KÖS+15, KMT03a, MH07, NJ04, RB03a, SSSB07, WHL+04, ZSW10a]. factor [MMAG93, Sbe93]. Factored [CML+12]. Factoring [AEW09]. Factorization [MTR08, MC10b]. Factorized [WHB+13]. Factors [DAF+18, MRL+17, SGS18, STMT12, Gu192, SZG93]. Faculty [tH83a]. Fade [GVWD06]. Fair [KP95, MS93]. Fairing [Gre94, LBH+01]. Faithful [KK07]. Families [LT17, HKM15]. Family [BAU05, HAML05]. Farthest [CG12, YGJ+14]. Fashion [SSE+14, CLGS18]. FashionGAN [CLGS18]. Fast [AES94, ABD10, AO86, AO89, AMSF08, ATCO+10, BT95, BCCS12, BAT11, BF09, BHH13, BM12, BB99, BS98, BS08, CSM04, CK11b, CKN+99, CMH+01, CS618, D1K08, DMY08, DKC00, EL01, FWP11, FH18, G0T+07, GL10a, GPP+10, HKS09, HHS05, HCCW17, HSC+05, IDN03a, IDN03b, IUDN10, KS12a, KSN08, KZ05, KSO10, KZ15, KHK+09, KH92, KKL15, KKB18, KWF+01, KS12b, LD08b, JK01, JK13, LWDB10, LGS+09, LLSL98, LMP+10, LPF+15, LW17, LG95, LCD09a, LGZ+16, MS16, MFA15, MMP09, MAM14, MMP08, NBH18b, NNSK99a, NL18, NS09, PKS10, PWC+09, PP09, PB94, Pat93, PEP12, POCM19, QNT03a, QNT03b, QY17, RK02, R109, SS09, SR19, SZMT15, She99, SSK07, SPD14, SWB01, SLTM08, SN08, SO10, SOM04, TT95a, TT97, TSPP16, VSC01, VCC98, VKJ+17, W18W18, WLM13, WS99, WTYH18]. Fast [XSM13, YLL+09, YXX14, YYZZ18, YFFS, YBY10, ZPS03, ZQK04, ZY04, ZWC+10, ZLZSW17, ZSW+10b, vKP06, GD16, Sbe93, SAE93, VR12, WBCG09b]. Fast-forward [ZLZSW17]. Faster [BM+16b, KB89, LCD10, MS16, NB12, SGEM16, WGS04]. FastV [CATM09]. Fat [BJB+18, YR91]. Fat-Tree [BJB+18]. Faulted [McC83]. FaVVEs [BM+16a]. FCC [VCR14]. Feather [SH02, DSC95].
Feathering [LLC+15]. Feature
[AGDJ08, BYM18, BBW+09, BYB09, BK01, BBN02, BHU10a, CS16,
CLLC15, DGQ+12, ELM+12, FGM99, GWT+08, GLK16, GLK18, GGP+15,
HTG14, HLH+16a, HGA+10, HWC+05, JH12, JKK+18, KMD+17, KSL+08,
KCYC16, LM96b, LBG16, LLSL98, LB19, LPG10, LKG+16, LRB+15,
MFNP13, MVZ16, MMV+13, ÖGG09, POS+11a, PKG03a, PKG03b, PK08,
PKH+10, PTA+11, RMZ13, SWPL08, SW17, SYM10, SVG+08, SKC01,
TE99, VRK501, WL10, WYZC13, XXS+15, XADR13, YYL+16, ZLK05, ZWY+
13, AFHdL14, LM93, LM96a, WZC+11]. Feature-Aware
[CLLC15, KYC16, LBG16]. Feature-Based
[LLSL98]. Feature-Driven
[LRB+15]. Feature-guided
[KSL+08]. Feature-Oriented
[YXX14]. Feature-point-driven
[SKC01]. Feature-Preserving
[BHU10a, DGQ+12, HTG14, JH12, KMD+17, WYZC13, ZWY+13].
Featured
[TCRS00]. Features
[ABCJ10, AMS16, AKZM14, BLY+11, BBB+18, BHS+17, BPKB14, BM12,
CJXH17, DMHS08, DMS14, EIKM16, HP04, HBK02, KSP+18, KCH+18,
KRS+13, LWY08, MCO+08, PSCN10, PPH12, PMW86, RHM+12, Sch11,
SJW+11, WB01, WVV11, ZCOAM14, vdCvW16, LBBC14]. Featuring
[Pos11b]. February
[Gob96]. Feed
[KSK97a, KSK97b]. Feed-forward
[KSK97a, KSK97b]. Feedback
[AFHdL14, LNS05, MTVJ11, Pic86a, XWY+15, BH93]. Fellow
[Ano07c]. Fellows
[Ano08a, Ano04f, Ano05d, Ano06d, Ano07k, Ano09d, Ano10b,
Ano11d, Ano12e, Ano13g]. Fellowship
[Ano07d, Ano07e]. FEM
[BHU10b, CFS14, JTSZ10, KKB18, BB12a, BS02,
BB08, CWW+11, COC15, DZD+16, DYN04, DLY+18, DZC11, FKSS13,
FL19, FKS+10, FRK13, GEZ+17, GT16b, GG17, HKW15, HRS18, HL03a,
HL03b, KTMN07, KSO7, LKC08, LCM+06, MMP08, MRD12, NSR13,
NZH+18, OKG+10, OGH10, PLPB07, PPM+16, RHL18, RSTK08, RR00,
SP97, SW10, SGM+11, SS96b, SOM04, TW10, TRSKK08, VSG+13,
VC1+16, WLZT18, WCX+13, WYY10, ZZHI5, ZCP07, ZBA+07, BB14,
CGT+15, CFGL16, EGC+15, SBB14]. Field-Aligned
[DLY+18, NZH+18]. Field-Aligned
[PPM+16]. Fields
[AGDJ09, AM02b, BDS+03, BRS01,
BCBSG10, BPKB14, BB12a, BOB13, BSEH17, CC08, CYY+11, CGBG13,
CS18, Coq85, DLD12, DVPSh14, EBA+09, FKSS13, FLBS07, GPK+12,
GRT18, GKKT13, GST14, GTK16, HLH+16a, HMA15, HE94, IEGC08,
KCH+18, KZ04, LS16, LWS18, LKG+16, MR08, NVT+14, NS09, OBI+11,
OZ09, ORT18, OT12, PPH12, PW11, PW12, RSK12, SW17, SFFP15, Sch11,
SFL+16, SEA08, SN08, SBCBG11b, SOM04, Szy11, SBL12, The02a, TRS03a, TRS03b, Tim12, TRAW12, TSH01, UGLY08, VB14b, VMA+04, WRS+13, WTHS04, WTHS06, WGS10, WHT12, WP04, dGLB+14, vPJtHRV12, vP94, AM92, GRT14, ILRS03a, ILRS03b, JHTS08. \textbf{Fifteenth} [Ano97-28]. \textbf{Fifth} [Ano95q, Lis90, Wil84, MJ98]. \textbf{figure} [BT92]. \textbf{Figures} [CYI+12, OM01].

\textbf{Filament} [KGM+10, HL14]. \textbf{Filament-Surface} [KGM+10]. \textbf{File} [DHH02, SABG+05]. \textbf{Fill} [AHT04, GP87, HR87, Ric87b, SM86]. \textbf{Filled} [AHT04, GP87, HR87, Ric87b, SM86]. \textbf{Filter} [BCCS12, HGO18, KR05, MS14, PTO10]. \textbf{Filterable} [WWH18]. \textbf{Filtered} [AHMAM15, Kla00, KC08, LTB19]. \textbf{Filtering} [ABD10, Baj03a, Baj03b, BEM11, BTS+18, CDP95, CLC12, FR11, GO15, Got94, HP04, IGMK+16, JLKL16, KVS+14, KWN+14, KTW+13, KKDO9, KK11b, LZF18, LWS+16, MS16, MJBC13, MIGMM17, PO85, RSD+12, SFP15, SDMS15, SGBY11, SBS+17, SY10, SY11, SY13, SY14, SY91c]. \textbf{Fine-Grained} [KKS+17]. \textbf{Fine-Scale} [KKS+17].

\textbf{Finishing} [ten82b]. \textbf{Finite} [Bak91b, BNC96, BHU10b, CK11b, GT15, GKT16, JTSZ10, KWSH+13, KB98, MKB+08, MRS18, SKCA01, ŪFE10, WBG07, WDGT01, ZHD18]. \textbf{Finite-Element} [SKCA01]. \textbf{Finite-Elements} [KCI1b]. \textbf{Finite-Sample} [ZH18]. \textbf{Finite-Time} [GT15, GKT16]. \textbf{Fins} [CYJ02, KKS+17, NJO, SY11, SY13, SLS+06, ZW13, BC01].

\textbf{Firefly} [ZHD18]. \textbf{First} [APH+12, Ano84a, BRM+16b, CCC+14, Dav07, End84c, GL10a, Heg90, Kel86, Le 90, RSD+16b, GA93, Ott90]. \textbf{First-order} [BRM+16b].

\textbf{First-Person-Views} [CCC+14]. \textbf{First-Year} [Dav07]. \textbf{Fisheries} [BMPM12]. \textbf{Fit} [ADJ+01]. \textbf{FitConnect} [OW19]. \textbf{Fitted} [GPP+10, OW19]. \textbf{Fitting} [ABCJ10, BPT13, FKSS13, KWW+14, KL13, LWP+04, LLY08, NL13, PL13, PS95, PS96a, Pud94, SB99a, SHLS02, TSB16, VSG+13, BSH12, LDB07]. \textbf{Five} [Ano84a, SD94b]. \textbf{Five-dimensional} [SD94b]. \textbf{Five-order} [VR12]. \textbf{Flame} [OAM+18]. \textbf{Flare} [LE13]. \textbf{Flash} [MJL+13, PCF05]. \textbf{Flat} [MEK17]. \textbf{Flat-Foldable} [MEK17]. \textbf{flatland} [Hec92, ORDP96]. \textbf{Flats} [CWA+08]. \textbf{Flattening} [BCG08, KMM+18, MFT02, PTW13]. \textbf{Flattening-based} [KMM+18]. \textbf{Fleshing} [ZR13]. \textbf{Flexibility} [BLY+11]. \textbf{Flexible} [ABCJ10, BAAM17, BXH10, BSAP11, BBT99, BS08, DZC11, GHH10, LW95, PLT+97, PFC15, RSS96, SR19, SVWG12, Sta97, SFP18, SD09, WK12a, WCH+15, vBE11]. \textbf{FlexyFont} [PFC15]. \textbf{Flicker} [WWV17]. \textbf{Flight} [HA11, KBKL10]. \textbf{Flights} [PSC10]. \textbf{FLIP}
[CIPT14, FAW+16, SWT+18]. Flips [SY13]. Floating
[DHvOS00, EDM+08, MSS+10, SFLP18, SMG10]. Floating-Point
[MSW+10]. Flocking [O’H02]. Flood [AHT04, CKS+15, WKS+14].
Flood-Fill [AHT04]. floor [Lam09a]. Flow [Aan18, AGDJ08, BGCP11,
BBB+18, BPKB14, BP19, BBL12, CRC+15, CZY11, CK11b, CGS16, COC15,
CKS+16, CKSW08, CPK09, DI18, ELM+12, ELPH19, FE17, GWT+08,
GOPT11, GSE+14b, SSL98, PKPH09, PTA+11, PPF+11, RSVP02, Sad09,
SWP18, SVG+08, SWS09, SRGRT12, SEG+14, SBL12, TBKP12, VCC98,
WHT12, Wei04, WPH+12, WT09, YGL+09, ZHQL17, ZWC+10, ZAD15,
dHvPJ14, vPJHR12, vPGL+14, CSFP12, KGGP18, MMS09, MMS07,
OAIS09, OAO11, SCN+16, SKSK07, SJ13a, SHQL18, SZMTW15, TFK03a,
TFK03b, TDF+15, TDF+15, TA08, WESW17, WMRSF15].
Flow-Based [FE17, WT09]. Flow-Embedded [GWT+08]. Flow-Induced
[GG17]. Flow-Orthogonal [SRGRT12]. Flower [IOI06, YGCO+14]. Flowers
[BSCH18, ZFG+17]. Flows [ATW15, FbTH16, GT16a, HRWW12, HK15,
KB12, LJB+12, RGG18, TAOZ12, TDF+15, TA08, WESW17, WMRSF15].
Flowstrates [BBBL11]. Fluctuations [DPF16]. Fluid [AMT+12, BSW10,
CK13, DYN04, EHT18, FAW+16, GB16, HEW15, HJS+17, KPNS10,
KSW+12, KySK08, KMN+08, MMS07, OAI09, OA01, SCN+16, SKSK07,
SJ13a, SHQL18, SZMTW15, TFK+03a, TFK+03b, WMRSF15, WTYH18,
YKH+09, YLD07, ZYF10, dHvPJ14, GY93, KW+01]. Fluids
[AM02a, AIAT12, ATO17, ATW15, AWO+14, BCN03b, BXH10, CK13,
CBC+16, DGP17, DMYN08, GLHB09, GDGP16, HLL+12, IPK13, IEGT17,
KPNS10, KYSK08, KBKS09, KMN+08, LD09, MMS09, NC10, PDB+03a,
PTB+03b, SCN+16, SKK10, ST08, TFK+03a, TDF+15, TDF+15, TL16,
WMRSF15, WKB18, WY13, YLHQ12, YNBH09, YWTY12, CIPT14, YLCh18].
Fluorescence [MFW18]. Fluvial [CBC+16]. Flux [BSW+12, KPS+14].
Flux-Limited [KPS+14]. Fly
[LZB17, MHO0, OAM+18, SMS01, ZOA+18, SLSK07, SKK+14b]. Flying
[SC08a]. fMRI [JNM+09]. Foam [TFK+03a, TFK+03b]. Foams [KL19].
Focal [SGG16]. Focus
[GRE11, KBG17, MBMYR15, MKO+08, OJS+11, TM13, BCN11b].
Foldable [MKM17]. Folding [ZIM13, ZCBK12]. following [LJK+12].
Font [ZCL18]. Fonts [BBK+19, Gos86, SR96, ZCL18]. Footprint [WH17a].
Footprints [van97, vdP97]. Force [BB08, Fau96, HV09, SAAB11, ZWHK16].
Force-Directed [HV09, SAAB11, ZWHK16]. Forecast [WFZ+15].
Forecasting
[BAJ08, PD+12, PD+14, FKR16, RCCM+16, RG19, SKK03]. Forecasts
[SWG16]. Forest [FWB01, KSL8, ZBM+17]. Forests [BN12]. Form
[FGM99, FM+04, Hec01, MMAG93, PSP10, RS08, UGLY08, ZT96, ZCG98,
AE97, GAK10, GS85, Gh92, HMA15, KMTT92, KH02, Sbe93, SZG93].
form-factor [Sbe93]. form-factors [SZG93]. Formal
[Dam91, Duc82a, DF85, Duc91, DD92, DDT94, TC94, DP93, FZP92].
Formalizing [HPK+16]. Format [GPM+18]. Formation
[Dur01, IPKK13, TYK+09, XWY+15]. Formats [DHH02]. Formed
[NKS16]. Forms [Pic86a, WLT12]. Formulation [PGBT18, TDF+15].
Forum [Hew84a, Ano03b, DS04b]. Forward
[GT16a, LDDLRB16, KSK97a, KSK97b, WHD17, ZLSW17].
forward-scattering [WHD17]. Foundations [BRB+13, LFK+13, LJIH13].
Four [HKS09, HTG14, HS94, LZQ13, MTM12, MKO+08, Nie85].
Four-Dimensional [LZQ13]. Four-level [MKO+08]. Four-Way [HKS09].
Fourier [NMMK05, SLE18, XSO6]. Fournier [Fiu01]. Fourth
[SWS09, Ano97-29, Arb90, Cla89, Rei03]. Foveal [CG07b]. Foveated
[LCC+17, WRK+16]. Fractal [Pic86b, SB13, ZT96, BM93, SSK93, WY92].
Fractal-Dimension [Pic86b]. Fractals [Gda17, Gro92, NR95]. Fraction
[AGDJ08]. Fractional [LPD14, NMMK05]. Fractions [KPNS10]. Fracture
[CZZ+18]. Fractured [GMM+12]. Fragment [PTO10, TRSKK08].
Fragment-Parallel [PTO10]. Frame
[CLHL08, DBS+18, FMS01, HHS01, LWL+16b, PC12, SW08a, SKWL13].
Frame-Coherent [FMS01]. Frame-to-Frame [PC12]. Framebuffer
[YSL08]. Frames [BPKB14, Her84, SPR+94]. Framespace [AW00].
Framework [ABW+15, AMS16, BDA+17, BSC16, BDC18, CKGC14, CLM09, CY+11, DKM18, FQK08, FWPS11, FdABS99, GTH+18, GD09, GA98, HKMS08, HSC16, JZYP18, KL19, LW94, LS98, LBJ+16, MCH94, NIDN16, PGMMO9a, PEP+11b, PSH15, RPLH11, RSW+97, SSE+14, TIK17, Vax14, XSE14, YMY+17, ZCZ13, ZAM+16, ZCG98, BRM+16a, DP93, EPAS11, EKB14, LDB07, Lie17, MC02, YDT+18]. Frameworks
[BDFG07]. France
[Ano97s, Ano97-29, Ano04b, BH96, DL04, DJ88, PB95, SZAB04, Van85].
Frayed [MBCN09]. Free
[ANF97a, ANF97b, AE97, BGI08, CC08, DG12, DC10, FGM99, FM04, HMA15, HK09c, KPRW05, KAAT03a, KAAT03b, KS14, KHR02, LGZ+16, NKS116, PH+13, SPTM11, UGLY08, WB02, WLSG03, YIC+11, ZT96, ZCG98, CBV+14, THY09, KMTT92, RSS12, RSH+17b, SEA08]. Free-Form
[FM04, ZCG98, AE97, HMA15, KHR02]. Free-Formed [NKS16].
Free-Viewpoint [WLSG03]. Freeform
[Elb99, JWFP14, Kob03a, Kob03b, MIW13, XDY18, YK06, BPW14, DPW11]. Freeland [OOI05, ZBW11]. Freeness [KPRW05]. Frequencies [BKW13].
Frequency
[BDL18, IFL13, MCI0b, OMP10, OMT02, TM13, WWV17, IFDN12]. Frequency-Domain [OMT02]. Fresnel [EKF12]. FRG [BP82]. Friendly
[KGR+16, SC04]. From-point [KATM09]. Front
[Ano16g, Ano16a, Ano16b, Ano16c, Ano16d, Ano16e, Ano16f, Ano17a, Ano17b, Ano17c, Ano17d, Ano17e, Ano17f, Ano17g, Ano18a, Ano18b, Ano18c, Ano18d, Ano18e, Ano18f, Ano18g, Ano18h, CCC+14, CSC+18, KSCN19, SGRT12]. Frontiers [Enc98, vD98]. Frontmatter
[Ano08c, Ano09b, Ano15a, Ano15f, Ano15c, Ano15d, Ano15e]. Fronts
Fruit [KRB11]. Frusta [BJCW09]. Frustum [RS08]. FTP [YSC+18]. FTP-SC [YSC+18]. Full [CLHL08, KH02, MMR013, RR96, YHL+16]. Full-Frame [CLHL08]. Full-range [RR96]. Fullsphere [MC10b]. Fully [ACA18, DJW+06, LRBB17, SKZF11, SAA09, WBM+18]. Fully-Implicit [SKZF11]. Function [AGDJ09, AVBC16, BF15, CNCO15, GBAL09, GOH+10, HFM10, KPG+16, PPBT12, PGK10, PSO18, RSC01, SPOK95, SPB+17, WZL+12, Bar93]. Functional [Ary84, Ary86, AWO+14, BCGL18, DPW11, GSTOG16, GBKS18, HCO18, JBB+08, KO88, LS89, LRB+16, MWS+10, NMR+18, PS96a, RCB+17b, RMC17, RLB+19, SSM12, WGBS18, ZCOM13, SW92a]. Functionalities [PCS94]. Functionality [HSvK18]. Functionally [HL03c]. Functionally-Based [HL03c]. Functionals [KPS95]. Functions [AGDJ09, AR95, AGJ12, BDF+14, BK05b, BG07, CLB+09, DKN+95, FP94, HW10, HH10, HL03a, HL03b, IYS+13, JWS12, JBL+06, LLC+10a, LWP+04, LKG+16, MGV+11, MSS+11, MKB+08, MRL10, MMS+05, NLR3, NP00, NBHN17, PSP10, PDV+15, PP09b, RSK13, RSS96, SKZ13, SK86, SRK13, SFL+16, SCM+09, SS15b, SMB+10, SBGD03, SVJ+03, TC94, WS09b, XWT+09, BCGS13, DF93, Sch94a, TWSM17]. Fundamental [DGE09, WLT12]. Furniture [GS09]. Fused [LLHY09, RCM+14]. Fusion [EGG+15, HW16, HA11, JJKL18, MKV09, YCL+17, ZCZL13, KBO+14]. Future [Bak88, Bro90, Enc98, Han05, OJMN+19, vLKS+11]. Fuzzy [LS15, SCF10, SDKG18, YSC+18].

G [SV14, MG09]. g-BRDFs [MG09]. G. [Ano97-31]. Galleries [BBW+09, RSTK08, VB+09, YM09, LSN+14]. Galliformes [DSC95]. Game [Col05, FMS01, GC09, Jon90, MVLS14, MTJ11]. Games [BB00a, HHS01, Hec01, KW05, Saw07]. Gamma [BSH12]. Gamut [NKB14, PR12, SSGM17]. Gamut-Based [NKB14]. Gamuts [RGW05]. gap [MK08]. Garden [WBEF97]. Garment [DDO+17, ML91, SSK+05, ZCF+13]. Garments [DJW+06, PZB+09]. Gas [ZHQL17]. Gaseous [GLHB09, SW92a]. Gaskets [Jon90]. Gather [SSS02]. Gathering [HHS05, LWLD11, M1W1]. Gauss [YBY10]. Gaussian [ADS06, HWF+17, IFDN12, LS16, Tok15b, WFZ+15, XL10, YXW+12]. Gaussian-Based [HWF+17]. Gaussian-Distributed [LS16]. Gaze [BKW13, HBO+10, MBM13, OAJ14, PMG13, RKG18, RPA+15, SGM16, VGSS04, WBM+18]. Gaze-Contingent [SGM16]. Gaze-driven [MBM13]. Gaze-enabled [OAJ14]. GazeDirector [WBM+18]. GEARS [WZKP14]. GEMSe [FMH16]. GEncode [LCL+06]. Genealogical [RHM+12]. General [AMS16, Ano95r, Ano97q, Ano97z, Ano97-30, Ano04b, Ano04g, Ano05b, Ano05e, Ano06b, Ano06e, Ano07g, Ano07i, Ano08d, Ano09c, Ano10a, Ano10c, Ano11c, Ano11e, Ano12d, Ano12f, Ano13f, Ano13i, BEEM15, BOK11, CLM09, Coc83, HR85, HVVR18, HCSC16, HJL+13, KS13a, LT16, LCL+06, LWS+13, LSZ08, LBJ+16, LP95, MR17, OLG+07, PCDS12, PSP10, Pii85,
RÖG17, SV14, SSS97, SDHL11, WZKP14, WHT12, GMDW09, GGRZ06. **General-Purpose** [HLJ+13, OLG+07, Pil85]. **generalization** [vDHO16]. **Generalized** [AMAM13, BDA+17, CG16b, DLGY12, EDPB15, ESV99, Jac17, Jes16, KPK10, MCM+12, OPC96, PKS11, PGK10, SMS01, STKD12, TSYK01, YGL+09]. **Generalizing** [CGT+15]. **Generated** [Chr86, Pat95, Pic86a, SB99b, UKCB15, Lei94]. **Generating** [AW00, BDA+09, BBDM85, GC96, LD08a, LGMT00, LVJ10, Mar95, MH17, Par86, RLGH15, WVWW08, WTLL13, Yuk15]. **Generation** [ABC+91, AKV15, AAB+96, BYM18, BSK+13, CNCO15, CG16a, CG18, CBC+16, CEG+18, DG95, DCGY19, GMY97, GPMG10, GTH+18, Gd17, GD06, GD10, GSC+11, HTH96, JSLW14, KM+05, KS12a, KWC+12, KK07, KÖS+15, KGRG17, Kuz95, LW95, LMP+10, LEE17, LCM+09, MK05, MG7, MKO+00, Miš86, NREM14, NS11, OJMN+19, PJ94, PGGM09b, RO08, RMA88, RHv95, RPA+15, RSK10, SYM10, SGS05, SD10a, SCR+18, SBM+10, TON+02, TTW90, VKG+12, VGB14a, WL10, W84, WR05, WT09, YCL+17, YY01, ZZWC16, vFG11, BMWW14, BY09, DKW94a, GK03a, GK03b, HG92, HD03b, HGS03a, HGA+10, HCL93, KK92, LW92, Litt93a, Liu93b, MK08, SKK+14b, SKK+14a]. **Generative** [CLGS18, ZLZ+18, HKM15, NW17]. **Generator** [Her82, YLK08]. **generators** [ES94]. **Generic** [MS08, Vel99, XTJ+07]. **Genetic** [Deb18, HSS17, LS15]. **Geneva** [Van80, Ano04g, Ano05e, Ano06e, Ano07l, Ano10c, Ano11e, Ano12f, Ano13i]. **Genome** [SCD+16, WVKR08]. **Genomic** [WVKR08]. **Genomics** [LSS+12, MWS+10]. **Genotype** [GKPL11]. **Genuine** [PCK09]. **Genuinity** [AA09]. **Genus** [GP09, PSF04]. **Geo** [DBS+11, vGPNB17]. **Geo-information** [DBS+11]. **Geo-referenced** [vGPNB17]. **GeoBrush** [TSS+11]. **Geodesic** [BW07, CK11a, HM83, Haw85, HZRS18, MR12, WK12a, XMM13, XLS+14, ZWC+10]. **Geodesic-Controlled** [BW07]. **Geodesics** [HRWW12, SCF10, TWC+09, ZZZCJ14]. **Geodesy** [CHK13]. **GeoFilter** [KR05]. **Geographic** [CY14, LBK14, PCS94, Sam93b, WKS+14]. **Geographical** [LCB+18, TLS+95, TON+02, ZLMM16, HS92]. **Geography** [Mil83]. **Geological** [DKG15, RMH+18]. **Geometric** [DKG15, RMH+18]. **Geometric-Purpose** [HLJ+13, OLG+07, Pil85]. **Geometrical** [DG95, LC09, PRW11, SPT14, VT94]. **Geometrically** [CC00, SHCB15, YYL+16]. **Geometrically-Aware** [CC00]. **Geometries** [JL17, Kaz15, RXX+17, WH17b]. **Geometry** [ABCJ10, ABC+04, AD806, BPW14, BS12a, BK05a, BK05b, B8H+12, BHGS06, BG10, BNH10, BBH10, BBDA10, CVDL16, CSD11, CT00, CC06, CCLN10, CCW12, CK13, CLF+03a, CLF+03b, CDPS09, CH11, CDS10,
CKSW08, DKB+16, DWL08, DRF12, Des04, Des06, DGGP05, DGEG09, DSW09, DFY14, EMP+12, ESP08, EBGM12, EMK09, ESK03a, ESK03b, FWX+13, FAVM09, FG+16, GP09, GPK+12, GMC+06, GE04, GBP05, HRS+14, HM15, HPA0, HWC+05, HREB11, HL03c, IEKM16, JW+06, JLCW06, JKS05, KPK05, KPRW05, KQWM08, KB ¨O+14, LT17, Lai13, LGH13, LJN02, LTB19, LCL06, LTH08, LSJK09, LZQ13, LJBA13, LPG10, LCLJ10, LLW12, MS10a, MS12, MK05, MCM+12, MBG+12, MSWI12, MPM+14, MPWC13, MMHL08, OZ06, Pat16]. Geometry [PHK+10, PPM+16, PFC+05, PKS11, PK15, RL09, Rus10, SWPL08, SG96a, STK08, SC96a, SY12b, SLS+06, SH+11, TSS+11, VC04, VL08, VS10, Vel99, VMG09, WC05, WKM15, WLJ+18, WCX+13, WDAH10, YLS08, YGL+09, YH13, ZRS05, ZYL+10, ZWy+13, ZIM13, de 97, BLD14b, PCF05, Sbe93, VB14b, YDT+18]. Geometry-Aware [CK13, YSL08]. Geometry-Driven [VS10, LCL+06, MMHL08]. Geosemantic [SAG+13]. Geospatial [AKV15, BMH+12, BMS+10, CBC+15, CBSF07, CKS+15, CKS+16, DKG15, RHM+12, SV+16, WTLY12, vDHO16]. Gerd [Ahn07b]. Germany [Duc98, Enc81, KSH04, Kon06, PS10]. Gestalt [KH+18]. Gestaltlines [BNRS13]. Gestural [Duk95, KMB94]. Gesture [EBSC99, BH93]. Gestures [ATF12, JL08, KHIK01, LAFT12, SHW+18, SKSK07]. Getting [SSSS98]. GGX [TH17]. Ghosted [BGCP11]. Ghosting [SW11]. Gigaray [BOB13]. GigaSample [TRAW12]. Gino [Duc82b]. Girona [NSGP06]. GIS [Bar93, But94, GL94a, GL94b, NDD14]. GIS-product [Bar93]. given [THN93]. GlzMOs [PCK09]. GKS [Ano87b, AHR85, AH89, Bak88, Bak91a, BBR88, BP83a, BHM87, Dam91, DDR93, DD92, ELM+83, End83a, End84a, FCP+90, Fre90, GD85, Her84, HR85, HR87, HM86, Mac84, MA85, Mil87, Mil88b, Mil88a, MN87, Mum86, ND94, PNR89, RGM85, Ric87c, Ros83, SC84, SK86, SM86, Sla84, SAH+91, Ste84, WH89, ten82b]. GKS-3D [Fre90, PNR89]. GKS-0x [DDR93, ND94]. GKS-Based [Mil88a]. GKS-implementations [End83a]. GKS/GKS [PNR89]. GKS/GKS-3D [PNR89]. Glare [KM+05, RIF+09]. Glasgow [Kil85, Mat86]. Glass [AAS+16]. Global [BW00, BRDC12, BEM11, BEEM15, BEJM15, BWS03a, BWS03b, BLK11, BBL+09, BB12b, BAJ08, BMB15a, BMB15b, CLC12, CAE08, DDM03, DKL10, DVG08, DDB+09, ENSB13, EZK08, ESRT13, FD09, FP04, FKR16, FLSB07, GSA03a, GSA03b, GD01, GKD07, GRC13, GRR+16, HVAPB08, Hei01, HHK+07, HMS09, HP02, HGR+17, HREB11, HSR+96, IDN03b, JMD15, KLCF10, KTO11, KLAB15, LdLBR16, LSP08, LZX+08, MAM14, NKL10, NWD12, NS09, NKF09, OS08, PLPB07, PW12, REH+11, RDGK12, Ros13, SW17, SNRS12, STK08, SW04a, SLP07, SY12b, SYC10, SCC11, SSM12, SHD15, SS95, SS94, SW99, SSSK04b, SK99, SKCA01, TSdSK13, WGS04, WS03a, WMS+08, WA09, WHB+13, WMB15, WH17b,
WWH18, WHP+11, XXY+18, YWC+10, YW97, ZSP98, ZBA+07, ITYI09.

**Global-Illumination** [HLS96]. **Globally** [FACO17, PSDB+10, SSG17, SEG+14, WSC06]. **Globes** [YJD+18]. **Gloss** [BPV18]. **Glossy** [DBK11, GD01, LWLD11, SSG+00, SNLH09, VBP+09]. **Glowing** [WW11]. **Glymph** [JKLS10, KJC+09, LCP12, MVB+17, SK10, YWS+14]. **Glyph-Based** [LCP+12, MVB+17, KJC+09]. **Glyphs** [CAB+16, KWD14, SK16a, WPHC16, HSJW14]. **Goal** [PJJ+11, ZV09]. **Goal-based** [PJJ+11]. **Goal-Driven** [ZV09]. **Gödel** [GMDW09]. **Good** [KP18, MB08, SP03a, SP03b, SNLH09, VBP+09]. **GosiP** [Fre90]. **Gouraud** [Nar95]. **Governing** [NHL16]. **GPGPU** [EPAS11]. **gProximity** [LMM10]. **GPU** [ÅSK14, AGG+08, AWJ13, BHP15, BJCW09, BWPP04, BS08, BBA08, BBS+09, CSIO9, CLH+08, CYY+11, CZGF05, DSW09, DRS08, ED07b, FQK08, GL10a, GGG06, HGRS+17, JBG17, JH12, JSLW14, JZYP18, KZ08, KSN08, KKS+17, KDCM14, KGR+16, KW05, LMS+04, LMM10, LMMCO17, Lov06, MW11, MS14, MMFE08, MBG+12, MO08, MRS08, MRS18, OBGB11, PKS10, PBPP11, PC12, PGKS17, PGSS07, RS08, RLH17a, RLS06, RPLH11, RGG+14, SKNS15, SSO+10, SS09, SKK+14b, SKK+14a, SKALP05, SKU08, SKUP+09, TTN+13, TW+16, TRSKK08, VHB16, WBS+13, WSE04, WSBR08, WT11, WTYH18, YHGT10, YWY08, ZSS17, ZFE16]. **GPU-Accelerated** [MMFE08]. **GPU-Adapted** [ZSS17]. **GPU-Assisted** [CSI09]. **GPU-Based** [RGG+14, BHP15, RPLH11, TRSKK08, BWPP04, CMB+08, DSW09, GG06, KSN08, LMM10, LMS04, MW11, MRS08, MR18, PC12, SS09, TTN+13, TW+16, WSE04, YWY08]. **GPU-Friendly** [KGR+16]. **GPUs** [HK909, HHRZ12, HLJ+13, KBS11a, KHH+09, LGS+09, LCD10, MRAS17, VH15]. **GrabCut** [CPZ+15]. **Graceful** [DO00]. **Gradation** [MTCT84]. **Gradient** [BYM18, CRGZ10, CGBG13, DMCN+17, GCP+09, HGH17, LJKL17, LTK15, LKSD17, MVZ16, MJBC13, NNN11, NCKGO00, PBE18, RLZG08, RLH+17b, RLMB+14, RLGH15, SBE19, VK18, WTL15, WZL+17, XM09, WXL+15]. **Gradient-Based** [NNN11, DMCN+17, RZLG08, RLGH15]. **Gradient-Domain** [BYM18, HGHN17, MVZ16, RLH+17b]. **Gradient-Guided** [SBE19]. **Gradient-Index** [CRGZ10]. **Gradient-Preserving** [WZL+17, XM09]. **Gradients** [HYZ+14, JJJ08a, LSW09]. **Graffinity** [KLS+17]. **GRAFLOG** [PKL8]. **Grain** [NG17, TDMS14]. **Grained** [KKS+17]. **Graining** [CSS14]. **Grammar** [HWA+10, KWS16, KJC+09]. **Grammar-based** [HWA+10]. **Grammars** [BHMT13, HLL16, MBG+12, VRBC17]. **Granada** [DT04]. **Grain** [SMTG07]. **Granular** [LD09, ON05, SMTG07]. **Graph** [ACS+17, BW00, BBDW17, CC14, CDS16, Dwy09, GRE11, GSC08, GSE+14a, GB09, HBH18, HV09, HET12, HLLH06, KKTD17, KRM+17, LVJ10, LFC14, LGW18, MBE95, NH07, AJS14, OJ15, PSF04, PML12, PV08, SAA09, SLH+18, SMB+14, SSS08, STP17, VW08, WT11, XDC+13, ZHC+00, CTW92, PSF04]. **Graph-Based**
UBH14, YLHQ14]. Grid-Distortion [Ara94]. Grid-Less [OHBKH09].

Grids [AO13, CWA+08, CKM+99, DMYN08, DC10, KBS11a, KRG03, KW18, LD08b, LS16, MS010b, PGKS17, SW05, SCM+09, TSM94, XYM13, ZSS17, Liu93a, Liu93b]. Grimsdale [Wil06a].

Gromov [CCSG+09]. Grooved [BPMG08]. Ground [CMF18, SDK+15]. Grounded [CBK+17].

Groups [AO13, CWA+08, CKM+99, DMYN08, DC10, KBS11a, KRG03, KW18, LD08b, LS16, MS010b, PGKS17, SW05, SCM+09, TSM94, XYM13, ZSS17, Liu93a, Liu93b]. Grimsdale [Wil06a].

Gromov [CCSG+09]. Grooved [BPMG08]. Ground [CMF18, SDK+15]. Grounded [CBK+17].

[AO13, CWA+08, CKM+99, DMYN08, DC10, KBS11a, KRG03, KW18, LD08b, LS16, MS010b, PGKS17, SW05, SCM+09, TSM94, XYM13, ZSS17, Liu93a, Liu93b]. Grimsdale [Wil06a].

Gromov [CCSG+09]. Grooved [BPMG08]. Ground [CMF18, SDK+15]. Grounded [CBK+17].

Grids [AO13, CWA+08, CKM+99, DMYN08, DC10, KBS11a, KRG03, KW18, LD08b, LS16, MS010b, PGKS17, SW05, SCM+09, TSM94, XYM13, ZSS17, Liu93a, Liu93b]. Grimsdale [Wil06a].

Gromov [CCSG+09]. Grooved [BPMG08]. Ground [CMF18, SDK+15]. Grounded [CBK+17].

Group [AO13, CWA+08, CKM+99, DMYN08, DC10, KBS11a, KRG03, KW18, LD08b, LS16, MS010b, PGKS17, SW05, SCM+09, TSM94, XYM13, ZSS17, Liu93a, Liu93b]. Grimsdale [Wil06a].

Gromov [CCSG+09]. Grooved [BPMG08]. Ground [CMF18, SDK+15]. Grounded [CBK+17].

Group [AO13, CWA+08, CKM+99, DMYN08, DC10, KBS11a, KRG03, KW18, LD08b, LS16, MS010b, PGKS17, SW05, SCM+09, TSM94, XYM13, ZSS17, Liu93a, Liu93b]. Grimsdale [Wil06a].

Gromov [CCSG+09]. Grooved [BPMG08]. Ground [CMF18, SDK+15]. Grounded [CBK+17].


Guide [Spe91, TON+02]. Guide-Map [TON+02]. Guided [BEM11, BRS01, BŠMM11, CJFH14, DW13, DBB+18, FMH16, HKW09, HMY01, KP18, KMA15, KMHG13, KSKL13, LWBP14, NJB+11, NZH+18, SBE19, ZTW+12, ZDZ+15, AVF04, GD16, HENISY16, KSL+08, LLSC13, RKR+16, SMH10, VB14b, ZH14].

Guidelines [BBMR88, SLB+18]. GuideME [ZH14]. Guiding [HEV+16, KHW13, MGN17, NNRS15, NMMK05, NC10, WWV17, XM15].

Gunter [Ano95s]. GVE [Ano97-29]. GB [Man83]. GWCNN [ESKBC17].

HAGI [HK92]. Hair [BCN03b, BCN03a, BPV+09, CBTB16, HMT01, HBL17, JLI8, KB12, MSGT18, OXKP12, PKS11, PTB+03a, RKN12, TFK+03a, WL+13, WLI+12, ZTW+12, dFH+11, DTKT93]. HairControl [MSGT18]. Hairstyles [RKN10]. Hairy [XTLP02]. Half [AMTMH12, Buc96, HKD15]. Half-Space [AMTMH12]. Half-toning [Buc96]. Halftoning [AP10a, LM10, LCG10, SGBW10, SGW12, SB98, VB99]. Hallucinating [ZCW+15]. Haloed [FA87]. Halos [TMHD12]. Hamburg [HHS99]. Hand [FLJ+14, KHK01, LCLZ16, PGGM10, Pud94, ST94, SDC09, TST+15, WWS+15, HR92, SKS07]. Hand-colored [FLJ+14]. Hand-drawn [SDC09]. Hand-held [LCLZ16]. Hand-Sketched [Pud94]. Handed [SG97, TGS96]. Handling [DO00, Edm83, FML06, FM15, GOT+07, HEW15, LPH+15, MFW18, O'TSG09, SM86, TL16, TDNL18, TW+16, WLM19]. Handwriting [CLJ+15]. Handy [MK99]. Haptic [ADJ+01, FMB+00, HS04, LD03, LD07, MS96b, TCH+03a, TCH+03b, MS96a]. Haptics [DYN04, HS04, NC99, SLS04]. Hard [ESG01, SWP11, TSK14]. Hardly [ASVNB00]. Hardly-Visible [ASVNB00]. Hardware [And10, BIMO04, BWPP04, Bla88, BS02, BS03a, BS03b, BH15, Cla88, Cla89, CGGF05, DS02a, Den03a, Den03b, DKS01, DL04, Ert02, GI18, IDN02, KZ08, Kau04, KW05, LBG16, LMS04, LMLG15, LMPD15, LLHY09, Lis90, LD09b, MPT98, MF10, NKF+16, OLG+07, RPZ02, SM10, SCD05, SPH+09, SG03,
SDHD17, SOM04, SKALP05, TGM12, VKJ^+17, VOS^+10, YWB03, Sun92, Ano95a, Ano96a, Ano98-30, Kui91, Sch98. **Hardware-Accelerated** [KZ08, LMS04]. **Hardware-Assisted** [MMF10]. **Hardware-Based** [DS02a, LMPD15, MPT98, BS03a, Den03a]. **Harmful** [WGS04]. **Harmonic** [HCW17, LPG10, MKB + 08, SFL^+16, XS06, ZRKS05, KBB^+13]. **Harmonics** [JCJO9, MRCSB18, VL08]. **Harmonization** [LPSB18, MWS + 16]. **Hashing** [KZ08, LMS04]. **Hashdorff** [CCSG + 09]. **Hatching** [USSK11, ZISS04, Bak90]. **Hausdorff** [CCSG + 09]. **Having** [SM14a, SMAB02]. **Hazards** [CKS + 15]. **Haze** [Wil87b]. **Hazy** [BPV18]. **HCCMeshes** [KBK^+10]. **HCI** [RPA^+15]. **HDR** [BDA^+09, DMHS08, EWMU13, GPR^+15, MBDC15, MCHAM08, SBB14, SHG^+16, SKMS06, TAE15, TAE16, ZBW11]. **HDR-Video** [EWMU13]. **HDTV** [Ste85]. **Head** [MH07, MG95, SS00, TGS96, WRK^+16, WO94, DPT^+08]. **Head-eye** [MH07]. **Head-Mounted** [WRK^+16, WO94]. **Head-Tracked** [TGS96]. **Heating** [AAS17, BPVR11, BJG + 15, DLL + 10, MGG + 10a, OMMG10, SOG09, WPH^+12]. **Heavier** [Sil97]. **Height** [HMA15, NS09, SN08, TW10, Tim12]. **Heightfield** [RK09b]. **Helical** [KOB + 08]. **Helices** [Ber09, HWAG09, LZSCO09]. **Helicoids** [PKS11]. **Helical** [KOB + 08]. **Hermite** [GBS99]. **Hero** [WND^+14]. **Hershey** [Gos86]. **Heterogeneous** [BAAM17, BDF^+14, ENSD12, KRD^+15, LSS^+12, MB99, NG03a, NG03b, RG18, SDS^+16, SHZD17, SMTG07, WWH^+10, ZHC^+00, ZM16]. **Heterojunction** [ASB^+17]. **Heuristic** [WGS04]. **Hex** [GHX^+17, GSZ11]. **Hex-mesh** [GHX^+17]. **hexagonal** [Liu93a, Liu93b]. **Hexahedral** [CAS^+19, LMP16, XGDC17]. **Hidden** [FA87, Hea98, HB92, JD98, LS98, MCB16, SD94a, Ska87, Tam82, YLK08, ZDJ16, SDD^+92]. **Hidden-Line** [Ska87]. **Hidden-picture** [YLK08]. **Hiding** [WC05]. **Hierarchal** [YFG09]. **Hierarchical** [YFGL09]. **Hierarchical-Culling** [KBK^+10]. **Hierarchically** [YFGL09]. **Hierarchies** [AKR12, BHH13, BM15, CH09, DHH08, DWT^+11, GHH15, LAM09b, MW06, MSF00, ND12, SM11, SBE16a, SBE16b, SPH11, VCP09, VKJ^+17, VHB16, WD09, WD11, WAF^+11, YM06]. **Hierarchy**
High-Dimensional [ABD10, FR11, LWBP14, LBJ+16, PHL+16, SGG16, TLRB18, vdCvW16, High-Fidelity [DDC09]. High-Frequency [TM13]. High-Level [BBH18, HK92]. High-Order [GO15]. High-Quality [BHU10a, Cs´e18, DW13, FAVM09, GBP07, HMS09, KZ08, Los97, LD97, MBRHD18, MSW10, MHG00, REH+11, SBE16b, SHG+16, SGMG17, TSPP16, EHH+13, FR11, FAVM09, FGT+16, GLHB09, GO15, GBW16, GPRS14, GBP07, HK09a, HE01, HMS09, HBH18, JPN15, KZ08, KARC15, KK08, KKK18, Klos9, KMS05, KBK13, LCC+17, LTB19, LKZ+15, LWPB14, LWT+15, LBJ+16, Los97, LD97, MBRHD18, MSW10, MKV09, MRS08, MHG00, NS01, PSPM12, PK08, PHL+16, PGSS07, RPZ02, REH+11, SBE16b, SHG+16, SGMG17, SHyF11, ST18, SIKDM05, SGG16, Ste85, SKTM11, TTN+13, TM13, TLRB18, TSSP16, ÚFE10, WWV17, WH04, WLN+17, WMS5, WW87b, WLI+12, XSE14, ZISS04, ZLYL17, vdCvW16, EMU17, HK92, SHD16, SNLH09]. High-degree [SHD16].

53

CYI+12, CWM09, DAP08, DAF+18, DLGY12, ESKT15, Enc98, ECN14, GPD09, HSS+09, JL17, KTMM07, KSCN19, KSK97a, KB04, LB06, LL00, LWS+13, LC09, MTT89, MMTH09, MSZ+18, MTKO02, OM01, PLL11, RZS10, RIF+09, STC+16, TO97, WH96, YBK+12, ZY02, ZLK05, vMRBPM17, Gue82, HGW92, KSK97b, KMA05, Lam99a, SKSK07.

Human-Centered [Enc98]. Human-like [OM01, KMA05]. Human-machine [Gue82]. Human-Media [Enc98]. Humanities [HRD+15, JFCS17, MHHH15, RPSF15, RAMG15]. Humanoid [EBMT00, NBH18a, BCH+95]. Humans [BB09, CMT02, FBT99, HMDO05, LD04, Lam99a, LGMT00, PLT97, PO02, TYK09, Ter02, VVE10]. Hungary [Ano97w]. Hunting [ST18]. Hurricane [LMK+15, MSM08]. Huygens [MNR94]. HW [PRS89]. HW/SW [PRS89]. Hybrid [BBS+09, HCJ13, HH02, JBB+08, KPSN10, KHH+09, Kob05, KFA+10, LFS+15, LS15, LN17, MCHW18, ML03, PBPP11, PCK10, RMF12, Sch00, SKK09, TDLN18, UBH14, WT09, YLHQ14, ZQK04, KBÔ14].


I-SI [WDM+12]. IBRAC [YN00]. Ice [IPKK13, IUDN10]. iCheat [OKP+08]. Icons [Ais85, SABG+05]. ICP [TST+15]. Idea [AHKS94]. Ideas [Fuc97]. Ideation [ADN+17]. IDECAP [vvT84]. Identification [HV10, MMNG17]. Identifying [LGK16]. IEEE [Kei04]. IFs [Hor90]. II [ARC05, ABCJ10, BPM06, BBT+06, BAHSO6, CD10, CZ08, CBV+14, Déc05, DLS10, DGGP05, DER+10, EKB14, Gar09, GKB09, HWK+10, HHS14, HAWG08, IY10, JCT14, JPC14, KPRW05, KS10, LSN+14, LCLJ10, MK05, MD+10, PHM+14, PCF05, RTK+14, SPK10, SKDM05, SWG08, TW10, VB14a, VF14, WGO+14, ZSW+10b, ZH14, vdCAvW14]. III [BK05a, CVCH14, GDAU14, HWC+05, JZW14, PSP+14, PFC+05, SPCR14, SLKL14, TPSH14b]. IISPH [CIPT14]. Illuminant [NKB14]. Illuminated [JVS+12, SW09]. Illumination [ACG+17, AHT04, BCD+13, BRDC12, BEN11, BEE15, BEJM15, BWS03a, BWS03b, BLED13, BD16, BGB08b, BBL+09, BB12b, BAJ08, BMB15a, BMB15b, CJZW12, CLC12, CSC+18, CAM08a, CAM08b, CAE08, CDPS09, CNS+11, DDM03, DKL10, DDB+09, ENSB13, FD09, FP04, FLBS07, GKS12, GCP+09, GSA03a, GSA03b, GD01, GKD07, GRC13, GJW08, GRR+16, HVAPB08, Hei01, HVVR18, HHK+07, HMS09, HP02, HREB11, HLS96, IFL13, IDN03b, JLO, JSYR14, JMD15, KSL13a, KSL13b, KPD10, KTO11, KC08, LdLBR16, LVV18, LWS+13, MTR08, MR17, MBR+13, MSW04, MC10b, NKL10, NSW09, NNDJ12, NS09, NKF09, PLPB07, RGG15, REH+11, RDGK12, SSSK04a, SNRS12, STK08, SW04a, SIP07, SP01, SYC10, SCNN11, SHD15, SP95, SJ13b, SS97, SSG+00, SSM17, SW99, SSSK04b, SK99, SKCA01, TSDSK13, Tok15b].
Illumination [Tok15a, WGS04, WS03a, WL08, WDC+08, WA09, WHB+13, WMB15, WWH18, WW09b, SXSM13, XZXC13, XWZB17, YWC+10, YW97, YWY08, YIC+09, ZSP98, ZZWC16, ZM16, ZZLX17, ZBA+07, BPZ96, DF93, PM93, SNJ+14]. Illumination-driven [RGG15]. Illumination-related [CDPS09]. Illumination-Varying [LVV18]. IlluminationCut [BMB15a]. Illuminations [NN89]. Illustrate [CRY11]. Illustrating [SEI10]. Illustration [BCD01, CLE07, FLJ+14, JBM10, LKEP14, LCUR14, RLMB+14, JR08]. illustration-inspired [JR08]. Illustrations [Ano98t, CLME09, DWE02, DWE03a, DWE03b, FMS01, WT11]. Illusrative [ABG+12, BBBV12, BG07, CSFP12, CYJ+11, HGH+11, JBB+08, LMP13, LVPI18, LPSV14, MM08, OVV10, RBG08, RSTK08, RMH+18, STKD12, vdZLBI11, DD92]. Image [ASW14, AAB09, AR06, ABB+07, Ano97-31, Ano04c, Ano05c, Ano06c, Ano07b, AR95, ARM+15, AHT04, AW07, AGJ12, AEWQ+15, AECOK16, BCN+11, BCD+13, BEM11, BCS96, BH11, BCK+12, BKPBI7, BP19, BD04, BMS+12, Cad08, CHM+13, CG16a, CJFHI4, CRC+15, CSD11, CJZWI2, CG16b, CPZ+15, CCTL12, CNK13, CYJ02, CDPS09, CL09, DTV15, DRA10, DDÖ+17, DDV+02, DSH+17, DJZ+09, DMAC03b, DJM12, Dut04, Edh83, EWMU13, EKFM12, EKIM16, ESK03a, ESK03b, FMB+00, FCH+06, FP04, FCOL00, FDH+15, FACO17, FLW00, GMY97, GMLMG12, GO15, GHH01, GW07, GD10, GTK+12, GVW06, GCL+06, GLG12, HK09a, HW16, HA11, HDM11, HFP14, HCA+12, HH02, HFE13, xHMC09, HZF10, HZZ11, HZMH14, HWL18, HCG08, HGHI+11, IEH+14, IEK+14, IEKM16, IY10, Jes16, JESG12, JWJ+13, KS13a, KL08, KMG96]. Image [KFG09, KWSH+13, hKAC07, KSL+08, KS10, KJ+11, KGAC15, KKL16a, KS07, KKD09, KK11b, LB06, IW95, LG19, LD06, LCC13, LV18, LAA08, LJH10, LZL+15, LVL+16b, LB19, LG10, LZX15, LEE17, LCL13, LWS+16, LSL+18, LLB+10, LYP+08, LWW+09, LLX+11, LCUR14, LS15, LMGH+13, LLSC13, Lut02, MWS+16, MEU14, MRTM12, MVZ16, MFPA15, MNP+17, MG87, MA91, MTZ09, MG95, MnC01, MTPS08, MKU15, MJL+13, MRS12, Mon86, MSK06, NMP98, NLED08, NNRS15, NPCB17, NSW09, NPW10, NBA18, NREM14, OS08, OA01, PPW18, PWS12, PRS89, Par89, PCK09, PSZH+15, PCR11, PK15, PBC+16, PB90, RGW05, RvBWR04, RWW16, RKR+16, RSD+12, RBDD18, RTN03a, RTN03b, RMS+08, SMH10, Sa96, SS96a, SGS05, SS+05, SKZ13, SD09, SC10, SSCO09, SO12, SHJ+16, SOK+15, SO08, SKP10, SKWL13, SLCZ09, SJ09b, SJ13c, SGM16]. Image [SLAM08, SPT14, SW04b, SPSK13, SGSP15, SFLP18, TE99, TO97, TBKP12, TE10, TTW90, TDD18, TSP05, TZD11, TMH11, TCG1K5, TW96, VSD09, VCL+11, VSG+13, WPG02, WH04, WL08, WZH13, WKM15, WWG07, WHCO08, WSBB08, WWL+13, WLM13, WKG85, WHL10, WMTG05, WC02, XM09, XLC13, XTJ+07, XGL+07, XWT+09, XSQ13, XADR13, XWT+08, XYY14, YWC+10, YZL17, YD88, YLD+18, YN00, YLH+14,
ZCW°15, ZCHM09, ZH12, ZCZL13, ZZH15, ZCF°13, ZJ18, ZFJ°16, ZLZ°18, vdCvW17, DZD°16, Hor90, HHS14, Koc93, LW92, VL93, HRRR18.

**Image-Based**
[CSD11, CDPS09, DJZ°09, FCOLO0, GH01, GD10, HK09a, HCG08, LLB°10, MRS12, MSK06, NLED08, OS08, RMS°08, SLCZ09, TE10, VSD09, VCL°11, WLM13, XWT°08, YN00, BP19, CYJ02, Dut04, RKR, RBDD18].

**Image-Guided** [CJFH14].

**Image-Space** [AHT04, GW07, NSW09, NPW10, SGEM16].

**Image-Swept** [WC02].

**Image-to-Geometry** [CDPS09].

**Image/Video** [DRA10].

**Imager** [AVR10].

**Imagery** [ACA18, BPBD08, Han05, LTK12, MK11, Hol94].

**Images** [ABD08, AO86, AO87, AO89, ARM°15, AEC0K16, BKB°12, BKY°16, BBAM12, BRWM18, BBPV03a, BBPV03b, BSVS04, BAHS06, BE95, CHM°13, CJXH17, CLHL08, Chr86, DZD°16, DDPL00, DJM12, EIKM16, FACO17, GMLMG12, GEZ°17, GP09, GCZ°12, GPRS14, GG15, HLM97, HMTN08, HK09c, xHM09, IEKM16, IRWM17, Jes16, JBS°06, KKKB16, KFIA01, KWSH°13, KO88, KLTZ16, KLD°09, KG18, KMN05, KYC16, LJKL17, LJJH10, LM15, LJL°18, LEE17, LCZ99, Lie17, LCUR14, LMLF15, LDY10, MES°11, OVB°15, PK10, PH17, PK15, PVNS17, RGW05, RLH°17b, RWPS88, RWSG13, RM89, SKMS06, SLTM08, SKWL13, SLKL14, SLAM08, SPK13, TM13, TX16, TAE16, WLV17, WO02, WKM15, WSSZ08, WW09b, WOB10, WCM15, XYS°15, YCL°17, YFW11, YMMS06, ZR96a, ZCW°15, ZHM08, ZH15, ZLYL17, ZDJ16, ZVE°14, BYB09, CFT86, FLBS07, HG92, PC92, ZR96b].

**Imaging** [AGP08, BD07, BDA°09, BPBD08, CKL14, DMHS08, DHS°13, Flo98, FHL°08, HA11, HHNC19, HZM14, JNX°08, KTMI07, KK08, KYK14, KS07, KMS07, KB12, LA08, MS08, MRT08, NGS06, NKB14, POB°07, PKE17, RKN12, SHG°16, SSB°14, SL08, TSY°07, TAIM14, TAA16, WIHL11, WLI°12, YXX14, YMS10, ZTW°12, ZBW11, BB14, BG93, CS93].

**Immens** [LJH13].

**Immersive** [FFN18, Fac04, Kun04, MSW02, MCG°19, RVW04, SPV°10, VGSS04].

**Immune** [HPvU°16].

**Impact** [BJA°15, CCH°14, Sav07, SH15, WBFvL17, ZLMM16, WW91, ZLM°15].

**Impaired** [RB03a, RB03b].

**Imperfect** [BBH13, JKL°16, REH°11].

**Implementation** [Day90, ELM°83, FBW01, IABT11, Mac82, NB94, OP10, PL94, SC84, DDR93, NS93, WV91].

**Implementations** [End84a, WH89, MMAG93, End84a].

**Implementer** [MN87].

**Implementing** [Ara94, AH95, SPS94], [MS93].

**Implicit** [AG01, Ano95b, BDS°03, BBCW10, BTG95, CBS96, EBGM12, FJW°05, FAT07, GMW04, Har97, HJ99, KKH°09, KFA°10, LWP°04, Li07, MS10b, NOS09, OTSG09, PP11, PGBT18, RRS97b, SKZF11, SYC10, SHE09, SS96b, TDF°15, TSYK01, VCC°11, WSC06, WKB18, WGG99, ZLK13, dGWb°14, DTG96, Guo93, KHR02, RRS97a, VG96, dS96].

**Implicit**
Importance [CLH08, CAM08b, CAE08, GKPS12, Hd14b, HEV16, HH10, JCJ09, KS11, KC08, KF12, LPG13, MW11, MMP08, NNSK99a, OXKP12, SHSK16, SWB98, SB98, SSSKJ04b, SKS09, WA09, WK12b, PM93, RRS12].

Important [CJW09, LLY09, WDR09]. Impossible [SDDG99].

Impostor [ABB07, ABC04, HMDO05, SDB97]. Impostor-Based [ABB07].

Impostors [ABCN10, O'H02, PMDS06, SKALP05, DSSD99]. ImPrEd [SAAB11].

Impressions [Ano97-32, Kid82, RSD88, Wat82]. Improve [HBO10, OAJ14, OP10]. Improved [CWY11, CS818, DTA94, FC10, HKD15, Jes16, LLA06, LW18, NPDD11, NC10, NMR18, PR12, RSSL17, SAAB11, VMM99, W002, WZK16, ZHLW18, ZHD18]. Improvement [AMR17].

Impulse [BW00]. Impulses [Ye08]. IMUs [vMRBPM17]. In-Class [BB07].

In-Core [Bik12]. in-Front-of [CCC14]. In-Kernel [HLJ13]. In-Out [MTR08]. In-situ [WAF11]. Inaccurate [SPSK13]. Inbetweening [WN85.10]. Incident [NMNP98, UGLY08].

Inclusion [JFS09]. Incoherent [DHK08]. Incomplete [DLL10, SY12b, TOZ11]. Incompressible [An18, HLL12, KS14, PGBT18, SZMTW15, TDNL18, ZHQH17, CIPT14].

Inconsistent [HJC18]. Incorporating [AMS16]. Increase [SSKB15].

Increasing [HHNC19, LGC18]. Incremental [COF95, GD01, GM96, HB96, KQWM08, LM96a, LM96b, LSR17, MWW16, PPT19, SL89, TP88, VCP09].

Independent [BPMG08, Chr86, KKS12, LMLG15, MSWI12, ME04, NDK17, NPW10, PGG10, SVLL10, SBF15, YHGT10, KMA05, NB12].

Index [Ano98m, Ano98a, Ano04h, Ano05f, Ano06f, Ano07f, CRGZ10, DLGY12]. Indexed [Owe86, Owe87, Owe88, Owe89b, Owe94, Spe91, Owe90b, Owe92a, Owe92b, Owe93, Owe95]. Indexing [AKMM11, GPD09, MAM14, WCB14].

Indicator [MSS11, WPH12]. Indices [SBL17]. Indirect [HRC17].

Inexact [ACV14, HAML05, Sch94b, WH04]. Inextensible [SHCB15, Ye08]. Inference [SBC14]. inferred [ZLDM16]. infinite [SKK14].

Inexpensive [ACV14, HAML05, Sch94b, WH04]. Information [Ano11a, Ano11b, Ano12a, Ano12b, Ano12c, Ano13c, Ano13d, Ano13e, Ano14a, Ano14b, Ano14c, Ano15i, Ano15g, Ano15h, Ano16j, Ano16k, Ano16l, Ano17h, Ano17i, Ano17l, Ano18i, Ano18j, Ano19b, BBR16, BBK18, BSG18, BB18, BRB13, CPB18, DAF18, DCP18, DCG18, FdABS99, FFF18, HPK16, HMD98, JEO00, KCB97, ME17, MSK14, PCS94.
Information-Based [XWY+15]. Information-Theoretic [BRB+13, ZC18]. Informative [FDH+15, NO17, SOG09]. Informed [FBT99, ZCC14]. InfoVis [BNRS13, HSBW13, vdEvW13]. Infrared [WDC+08]. Infrastructures [BAA+16]. Inherent [WJDZ14]. Inhomogeneous [RZLG08, SKTM11, SKGM+17, SKMS18, YIC+11, ZSL+17, PCF05]. Initial [DDrR94, IOI06]. initialization [SKSK07]. Insect [LDJ10, WJDZ14]. Insects [GCY+14]. Insertion [BHH13]. Insertion-Based [BHH13]. Insets [GRE11]. Insight [CMS94]. Inspection [NW91, PV08, RKRD12]. InSpectr [AFK+14]. Inspired [Arn08, LWPL15, SW10, JR08]. Instancing [FKE13]. Instant [BG09, CZGF05, DDB+09, DGGK11, FGT+16, LDW+10, LJDH10, MGY+18, ME04, SIP07, WWS01, YWLB18]. Instantaneous [KOB+08]. Institute [WG82, tHS90]. Integer [AP92, Liu94, LZY04, WSSC11, NG92]. Integral [GKKT13, IFDN12, LKEP14, MBB19, Rok97, YR97, ZBQC13, She93]. Integrals [MBR+13]. Integrated [GBU00, GHF+17, GRPF16, JKJL18, MFDA86, SMS+17, WE97, vKB94, DTKT93]. Integrating [ASVNB00, CBK+17, ERT+17, HM91, HKMS08, MCT01, Mum88, PH96, Sam93a]. Integration [FR00, Fuc04, GT16a, IOI06, Joo86, LJDH10, MLPl0, NBMJ14, PO85, SKZF11, SHZD17, SDB99, SKFNC97, YY97, ZZZ15, ZLKW13, SD10b]. Integration-Based [MLP+10]. Integrations [RLH+18]. Intelligence [LPSV14, Ter02, TMAS16]. Intelligent [Arb90, BBW+09, EPAS11, Kw89, MSD96, MS96b, OIST91, PJJ+11, RL84, SRH+11, SYF11, VBP+09, YW97]. Intended [CS16]. Intensity [BG09, CS98a, MHG00]. Intention [CLHL08]. Intention-based [CLHL08]. Inter [LTC18, MTK02, PDW+14]. Inter-author [LTC18]. Inter-Comparison [PDW+14]. Inter-reflection [MTKO02]. Interacting [LJL+18, RSW+97, WC14, YLD07, YLC18]. Interaction [AHM09, BW87, BRM+16a, BRL09, BCF94, BG07, CTL13, CLE07, CYT+12, CNO5, CKE+12, CG07b, DMKP07, DUK95, FJW+05, FR00, GEY92, Han97, HS97, HSD9, HHS+12, IEGC08, JH15, JR08, KKTD17, KGP+12, KB04, LNO1, LNS05, LF00, LAFT12, MSM+08, NW13, PHTB12, PL94, PIW98, RSL+16, RBG08, ROS82, RPA+15, RSK08, SS16, SS95, STD09, SG97, TCLK12, TGS96, VGSS04, WLL+17, WKG85, YLHQ12, YBK+12, ZCK17, ZK09, vD98, vE87, BH93, DH93b, EFGS96, FS92, GUE82, KJE92]. Interaction-Dependent [RBGO8]. Interactions [CTL13, DMYN08, HS04, SGSP15, VH+18]. Interactive [Afr12, AG+08, ARH12, AYLM13, AGDJ09, AN098, AG06, AT12,
Internet [Wat96]. Interpolant [dD85]. Interpolating [Nas03, BBA08, KS92, KFK94]. Interpolation [AW00, BAU05, CRC+15, CLT+08, CK84, Csc18, DKW94b, DF90, GCLX17, GP16, HCSC16, KMK12, KB89, LAA08, LKSD17, MCH13, Nar95, NC16, PCBL16, RC18, RF96, RZLG08, Rok97, RSC01, RSK10, RSK13, SV14, SW08a, SC16, SLAM08, SW04b, WWL+13, WDAH10, YYL+16, YFW12, YR97, EMK09, FS08, STM93]. Interpolatory [GBP05, Kob96, LG00, LMB05, LM07, SLLW08, WM09]. Interpret [LMA+18]. Interpretation [BP83a, ZLDM16]. Interpreted [van89a]. Interreflection [NN89, KJ92]. Interreflections [PLPB07, RK09b]. Interrogation [Elb95, HHB93]. Interrupted [AAS+16]. Intersecting [KJT14, SJP+13, SP13, Ska87, Sug94]. Intersection [ML91, NHH97, PT03, SN84, GA93, RRS12]. Intersections [CK10b, CCC17, FB94]. Interval [Büh01, KHK+09, LJKL17]. Interventional [RWS+10]. Interventions [KFR18]. Intervisibility [Tim12]. Intrusive [YHL+16]. Intuitive [BCB+15, CGS16, HK09a, MG09, PSK09, RPM013, WVV08]. Invariant [BV19, CIE+16, Her89, MS93, ZBQC13]. Inventor [WHR97]. Inverse [ALCS18, BLD+09, BS98, CC08, GMW04, HSmCY13, HWF+17, LP95, MMP99, McC96, MBBT00, PP05, PHL91, RSC01, SBM+10, SPK+14, ZHQLH17, BT92]. Inverse-Kinematics [RSC01]. Inversion [CRW09, Gda17, GT16a, LGZ+16]. Inversion-Free [LGZ+16]. Inverted [HSK14, HSK18]. Inverted-Pendulum-based [HSK18]. Invertible [ZZL+17]. Investigating [Ros13]. Investigation [BJB+18, TSYK01]. Investigative [WMS+08]. Invisible [RNLL10]. Invited [Ake11, Ano08c, Ano09b, Ano15a, Baj03a, Col05, Coo05, Des04, Dut04, Ede06, Fuc04, Han05, Jen07, Kle06, Kob03b, Pos11b, Pur03a, Sár07, Saw07, Sta06, Thi11]. iPCA [JZF+09]. Ireland [Che06, HP95]. Iris [LB06]. Irradiance [BGBO8b, JZJ08a, JR16, KV5+14, MRMH12, MC10b, RCBI1, SiKDM05, Ure00]. Irregular [AKSA09, BV09, CK84, DC10, GP87, KMD+17, MCHW18, NOS09, PGKS17, RSK12, WW99]. Irregularly [DLC05]. Irreversible [KFR18]. ISHair [OXP12]. Islamic [AS92]. Iso [BHUU10b, FKRW16, GE98, Ano84b, Bak91a, Bon85, Gal84, th83b]. Iso-Contours [FKRW16]. Iso-geometric [BHUU10b]. ISO-Surface [GE98]. ISO/TC97/SC5/WG2 [Gal84, th83b]. IsoMatch [FDH+15]. Isometric [AE97, Fiu95, GSTOG16, HAWG08, OMMG10, SY11, SY12a, SY13, TSB16, ABC10]. Isometry [CBSS17]. Isometry-Aware [CBSS17]. Isosurface [BM10, CL03a, CL03b, HB94, LCD09a, LCD10, MMFE08, MRL10, PWH98, RW08, SBD15a]. Isosurfaces [BW13, CTG+15, CWA+08, Gro16, HSS+05].
MS10b, MJC01, OB01, PRW11, The02b, WLS13. Isosurfacing [LCDW16].
Isothetic [JA95]. Isotopic [DLRW09]. Isotropic [CCW12, CR16b, DLY+18, YLL+09, ZWY+13]. Isotropically [LW17]. Issue
[Ano11a, Ano11b, Ano12a, Ano12b, Ano13c, Ano13d, Ano13e, Ano14a, Ano14b, Ano14c, Ano15i, Ano15g, Ano15h, Ano16j, Ano16k, Ano16h, Ano16i, Ano17h, Ano17i, Ano17j, Ano18i, Ano18j, Ano19b]. Issues
[Ano11a, Ano11b, Ano12a, Ano12b, Ano13c, Ano13d, Ano13e, Ano14a, Ano14b, Ano14c, Ano15i, Ano15g, Ano15h, Ano16j, Ano16k, Ano16h, Ano16i, Ano17h, Ano17i, Ano17j, Ano18i, Ano18j, Ano19b]. Issue
[Ano11a, Ano11b, Ano12a, Ano12b, Ano13c, Ano13d, Ano13e, Ano14a, Ano14b, Ano14c, Ano15i, Ano15g, Ano15h, Ano16j, Ano16k, Ano16h, Ano16i, Ano17h, Ano17i, Ano17j, Ano18i, Ano18j, Ano19b]. Issue

Italy
[ACM80, SvZ95, SP06, MRS06]. Items
[vdCvW16]. Iteration
[Gda17, SK99, SKCA01]. Iterative
[BTP13, BMS+12, SBC16, SG08, WH17a, YYL+16, MRL10, TBKP12]. IV
[BK05b, JKS05, WC05, ZRKS05]. iVisClustering
[LKC+12]. J
[Cal07]. Japan
[FMK04, Mik82]. JAPE [SNLW01]. jets [KKGP18]. Jitter
[Kla00]. Jittered
[CKK18]. John
[Duc06b, Duc07, JW01]. Join
[Ano95t, Ano95u, Ano95v, Ano96m, Ano96n, Ano96o, Ano97-33, Ano97-34, Ano97-35, Ano97-36, Ano98z, Ano98-27, Ano03f, Ano04c]. Joint
[HGO18, KVD+10, yKL08]. Jointly
[DTV15]. Joints
[MCJM18, TE18]. Joy
[JC09, SDC09, WBCG09a]. Julia
[Kin15, SvW13]. July
[Des06, FMK04, Kon06, LLD05, LLRD07, SCA04]. Junction
[RT08a]. June
[Ano07j, HP95, HK94, ID10, Kei04, KSH04, Kon06, LMD04, MJ98, Oll04, PB95, PS96b, SZAB04, SP06]. Jürgen
[Duc06a]. Just
[WSCP13]. Just-in-Time
[WSCP13]. kaleidoscopes
[PR93]. Karner
[Ano06c]. kd
[VHB16, PGSS07, SR19, SSK07, XL10]. KD-Tree
[PGSS07, XL10, SSK07]. kd-Trees
[VHB16, SR19]. KdDet
[WDZ17]. Kelemen
[Ano04c]. Kernel
[DvKSW12]. Kernels
[AAS17, BS08, BLTD17, Enc98, GUS12, HLJ+13, HET12, OMMG10, ÖGG09, WGBS18]. Key
[LLD05, LLRD07, SCA04]. Key-Pose
[LLD10]. Keyframe
[MAA+09]. Keynote
[McC11]. Keyword
[Owe86, Owe87, Owe88, Owe89b, Owe94, Col93, Owe90b, Owe92a, Owe92b, Owe93, Owe95]. Keyword-Indexed
[Owe86, Owe87, Owe88, Owe89b, Owe94, Owe90b, Owe92a, Owe92b, Owe93, Owe95]. Killing
[SBCBG11b, BCBSG10]. Kinect
[WZ15]. Kinematic
[BSK+13, KVD+10, BT92]. Kinematics
[ALCS18, Col05, HS013, HWF+17, KOB+08, MBBT00, RSC01]. Kinetic
[PB07]. Kit
[HHH12]. Klingler
[SSA+08]. Knit
[DS02a]. Knit-Wear
[DS02a]. Knits
[DP+08, IIS08, PZY08, WL08]. Knitted
[ME98]. Knitting
[IIS08]. Knot
[KSD14a]. Knots
[ST08]. Knowledge
[KARC17, PZD19, RA94, vKTS+11]. Konrad
[Ano06c]. Kubelka
[ARC05]. Kubelka-Munk
[ARC05]. Kuwahara
[KKD09]. L
[CBSF07, ŠBM+10]. L-systems
[CBSF07, ŠBM+10]. L4RW
[XL+10]. Label
[BV09]. Labeling
[BRL09, LCHB12, XXLX14, YLD07, SNKS09].
Labelling [GM96, PPT +19]. lace [NW91]. Lacerations [GCMS00]. Lady [Duc00]. Lagrangian [AW13, CZY11, FKS +10, GWT +08, GOPT11, JS10, KySK08, KER +14, MBES16, PB07, SW10]. Lambertian [Jen97]. Lamps [BBIG17]. Landscape [JL17, KSKL13, TBW +11]. Landmark-Guided [KSKL13]. Landscape [HW10, ML17, WS01]. Landscaper [ADMAS18]. Landscapes [ADMAS18, ACV +14, CEG +18, RPP93, TON +02, BCF +05]. Landscaping [Joo86]. Langevin [CZY11]. Language [BˇS90, CCP09, GC96, LO95, Mil90, NW13, PCS94, PKL88, RB03a, RB03b, RH +12, WGK88, BH93, Sam93a, Spa85, Cal07]. Languages [Her82, Mil87, RH +12]. Lansdown [Duc06b, Duc07, JW01]. Laplace [SBB +14]. Large [´Afr12, ABCN10, AG06, BPM06, BHP15, Bov90, CCI08, CSG +18, CDG +07, Coc83, CBC +16, DWT +11, GLCC17, GRDE10, HSK +10, HM +11, HPvU +16, HK00, IP99, KRD +15, KSN08, KLS +17, KHKS12, KS18, LeYTM08, LAE +12, LSS +12, LCB +18, LYP +08, LCDW16, MG87, MSDK12, MLD +18, MKO +08, MHDG11, NPDD11, PFH +18, PD04, PEPM12, PSK09, REH +11, SM11, SHLS02, SGG17, SJ13a, SPH11, SAADF18, SK17, SMM13, SJWS13, TE10, TBP18, TSDK13, WSSC11, WAF +11, YX14, ZC18, vdvW13, vLKS +11, GDAU14, ILRS03a, ILRS03b, MHDG11, PD04, SM11, SPH11, TBP18, WSSC11, WAF +11, ZC18, SMM13, GDAU14, ILRS03a, ILRS03b, MPM +14, PFC +05, TAA +16]. Large-Scale [ABCN10, BHP15, DWT +11, GLCC17, HK00, KS18, LSS +12, MG87, MHDG11, PD04, SM11, SPH11, TBP18, WSSC11, WAF +11, ZC18, SMM13, GDAU14, ILRS03a, ILRS03b, MPM +14, PFC +05, TAA +16]. Laser [Zot08]. Lassoing [DH16]. last [Bak91a]. Latency [WO94]. Latent [BiA06, GSDG18, WDM +12]. Lateral [HF16]. Lattice [ABD10, EMK09, FDL14, HA17, ISYM15, MLD +18, NZH +18, RC18]. Lattice-Guided [NZH +18]. Lattices [CR16b, DDKL09, FAVM09, VCRG14]. Lauren [Ano16l]. laws [VD90, Par89]. Layer [ESKBC17, GSDC17, HZF10, IMAW15, SC84, SDMS15, CSFP12, ISYM15, LCD10]. Layer-Based [IMAW15]. Layered [AHMAM15, BSW10, BK +12, IEK +14, IRWMM17, MbMYR15, MVH +14, NAS07, RIS +12, TG98, DSD99]. Layers [KG18, LKC08, LSWW11, RLMB +14]. Layout [CK14, Dwy09, GC96, HBBH18, SE02a, SE02b, WTLY12, WFLW18, MVLS14]. Layouts [CDA +14, CSL16, CCH +14, FDH +15, GSE +14a, KRM +17, LSWW11, PPM +16, RRP15, SLH +18, YM06]. Laziness [XLL +10]. Laziness-based [XLL +10]. Lazy [DLT08, MAAG12]. LazyBrush [SDC09]. LBSN [TLFC16]. LCTS [HB00]. Leakproof [RH95]. Learned [HMW +15, HKM15]. Learner [SHS +17]. Learning [BBK +19, BB07, BLVD11, BHS +17, BZL +18, BM +15, BM16, CH M +13, CSC +18, Dav07, ERT +17, GKM18, HZMH14, KKB16, KLTZ16, KK07, LJJX15, LGK16, LCM +09, LCY +11, MSZ +18, NBH18a, PFC15, SHS13, SS15b, SDKG18, SJW +11, VBP +09, WHL +04, XXL14, XSS +15, XADR13, LBBC14].
Learnt [SM14b]. Least
[BGR10, KBS11b, MS10a, MGB+12, PSPM12, SB99a, KBÖ+14].
Left [SSM12]. Legacy [XZP+13]. Legends [GKB12, RLP10]. length
[FND92, JZW14]. Lens
[BTS+17b, BCN11b, HHH12, LE13, LZQ13, SMSL17, SDHL11, ZZ17].
Lens-Flare [LE13]. Lenses [JKL+16, KTMN07, MSS98, TGK+17, HD14a, SHD16]. Less [OHBKH09].
LeSSS [HMW+15]. Letterform [Sch00]. Letters [Pet10]. Leuven [LMD04].
Level [AFK+14, ABCN10, BK03a, BK03b, CJC+09, CKSW08, DN08,
HFM10, HHH12, LE13, LK17, LZQ13, SMSL17, SDHL11, ZZ17].
Level-of-Abstraction [STKD12]. Level-of-Detail [HREB11, KDCM14, SW08a, SRK13].
Level-Set [BK03a, BK03b, Wei04]. Level-set-based [WLS13]. Levels
[ASVNB00, MBDC15, OCV+02, PJR+14, WT11]. Levels-of-Detail [PJR+14]. Library [AHR13, Vel99, WT93].
lichen [DGA04]. LIDAR [BCWR08, PW17, WX+16, vKvLV13]. LiDAR-Based [PW17]. Lie
[SAD+16]. Lie-Algebra [SAD+16]. Life
[JNX+08, KOB+08, MMHL08, WVKR08]. Lifted [PP09b]. Lifting [NSC14].
ligand [VHG+18]. Light [AGG+08, AHL+06, BYP95, BB12a, BOB13, BP01,
BH15, CLG+18, CCC08, CZGF05, DZD+16, DH14a, DKL10, DLD12,
DKYN96, EBA+09, FKR13, GLCC18, GEZ+17, GPK+12, GH01, GP18,
GPRS14, HKD15, HDF15, HVAPB08, HEV+16, HH10, HHS14, HR10,
JVS+12, JMV+15, JA18, JR16, KD13, KSKA02, KPD10, KKK09, KHM09,
KB04, LB06, LdLRB16, LF10, LHH+13, LCM+06, LMG+13, MMP08,
MDSB14, MG17, MMRO13, MN16, MNMP98, NRS13, NMT01,
NGH18, OK+10, PDJ14, PP98, PP05, PSP10, PRD15, RGG15,
RKDR12, RSTK08, RSK12, SLE17, SSSK04a, SP01, SHD15, SEA08,
SN08, SSSK04b, SKGM+17, TT95a, TT97, TRSKK08, TH17, UGLY08, VSG+13,
Vaz07, WHL10, WW11, WMT05, Wv09, YBK+12, YY10, YIC+12,
ZBP99, ZZH15, ZBA+07, ZAD15, BB14, FLBS07, KJ92, RCM+01, SBB14].
Light-Field [BB12a, BB14, SBB14]. Light-Transport [MGN17]. Lightcuts
[AWB08, HMS09]. Lighting
[AMS09, BBP08, BN10, BN12, BAJ08, CLC12, CAM08b, CNS+11,
DMP94, DKN+94, DKN+95, FB08, GLCC18, GKB+11, GPKS12,
IFDN12, Kau04, LC10, LWDB10, LHH+13, NAM+17, NPW10, OKP+08,
PCDS12, RKDR12, SP16, SL01, SARZL10, TH17, WJB+13, WHD17,
WGI2, XZP+13, YWC+10, YIC+11, YK08, ZCG08, IM14, TPSH14b].
Lighting-by-Example [GLCC18]. Lightness [KMS05]. Lights
[Gam16, JW08, MT01, NNDJ12, PP98, Tok15b, YZXW12]. Lightweight
[PGSK18, K ´OOH13]. Like
[AYWM14, PSCN10, SDG99, GTZM10, KMA05, LS10b, OM01, TO97].

**Limbs** [Neb00]. **Limited** [DBLW15, KPS+14, MTCT84, MW18b].

**Limited-Size** [MW18b]. **Limiting** [MYLZ16, KP14, MTCT84, MW18b].

**Limited-Size** [MW18b]. **Limiting** [DBLW15, KPS+14, MTCT84, MW18b].

**Line** [ABCJ10, AKMM11, BB+18, BZBM+16, BD16, CML+12, Che97, CW99, Elb99, FA87, Gos89, GM96, HL02, KPIAS01, KWÖG18, KER+14, Kuiz95, LKEP14, LJNO2, LZ08, LIW12, MHDG11, Nie95, PGG+09, SVG+08, SC08b, SHZD17, SMJ17, Ska87, SJW+11, Tim13, VVC+11, VW90, WJB+13, WESW17, WT11, XQ11, vKB94, DZD+16, Day92, FND92, GRT14, HNJ+14, Kra92, SDD+92, WG93].

**Line-Based** [WESW17, VVC+11].

**Line-Drawing** [BZBM+16].

**Line-Picture** [Gos89].

**Line-Plot** [MHDG11].

**Line-Sweep** [Tim13].

**lineage** [PKE15].

**Linear** [AJC11, AGJ12, BIMO04, BF09, Ber09, Büh01, HK12, HP04, IGMK+16, LA11, LBH12b, LXF11, LWY+11, LB+16, Nar95, NCKG00, ÖGG09, Rok97, SSSB07, SSB13, TLRB18, TE18, WLT12, WLN+17, WBS+13, WSSC11, XWZB17, YYL+16, YR97, GSC18, MJBC13, RAGM15].

**Linearised** [Ben94].

**Linearization** [HD02, LP15].

**Linearly** [PGBT18].

**Lines** [AGCO13, BBW+09, BB99, CS16, CPK09, DS05a, GTG17, KSD14a, KGM+10, Liu94, MBES16, MSK08, ORT18, Par86, RWP88, SWPL08, SGRT12, SP03a, SP03b, SEI10, Tam82, WW87b, ZCQ+09, DMP93, Liu93b, vKvLV11].

**Lines-of-sight** [AGCO13].

**Link** [BHR17, Bak91b, DRW15, GEY12, SSK16, SBD+15b].

**Linked** [RSM+16, YHG10]. **Linking** [IF09]. **Linkless** [CJC+09]. **Linköping** [Fah85].

**Links** [SSSS98].

**Lip** [DBB+18, KK07].

**Lip-Synch** [KK07].

**Liquid** [ATW15, FAW+16, GBW16, HK03a, HK03b, SWT+18, UHT18].

**Liquids** [MMS07].

**Lisbon** [Rqe86].

**List** [MGAF95, YHGT10].

**Listener** [BMD+08].

**Literary** [CWG11].

**Literature** [CY11, Owe86, Owe87, Owe88, Owe89b, Owe94, Spe91, SJ+17, OKK13, Owe90b, Owe92a, Owe92b, Owe93, Owe95].

**Live** [BBIG17, DJZ+09, PKE17, SFLP18, ZZCJ14]. **Live-Wire** [SFLP18, ZZCJ14]. **Llándudno** [LSF+11]. **LMA** [ACC15]. **Load** [APM+11, MB99, SHQ18].

**Lobe** [Tok15a].

**Lobe-Aware** [Tok15a].

**Local** [AGM+06, BCD+13, BDC18, BBA08, BJA+15, CCI08, CSG+18, CAM08a, DGV08, DB+13, EKZ08, GKB+11, GAK10, GKOM18, HW16, HCD18, HDL11, HLL+12, ITY09, KRG03, KCO8, LAA08, LZL+15, LFHI18, LGC10, LZ+08, MTR08, MAi00, MBK+05, MSK06, OTH02, OSG08, PR19, PB11, PZ08, PRC59, PD16, PPH12, RH08, SBE19, SKNS15, SKZ13, VS10, VK18, WHS+18, WCB15, WHC08, ZHLW18, ZWHR14, ZFJ+16, ZR13].

**Local-to-global** [ITYI09]. **Local/Global** [LZL+08].

**Locality** [Bik12, KFK94]. **Localized** [CHM+13, DSC09a, DLS10, DS11b, GKS00, HYZ+14, MRCB18, WLZH17, BMM+15].

**Locally** [IFL13, JHT14, KLD+09, MS11b, NP00, SKPSH13].

**Location** [vDHO16]. **Location-dependent** [vDHO16]. **Locomotion** [BV19, ECN14, GCY+14, HKG06, HKSK18, KRFC09, MSZ+18, WPP13, vBE11].

**Locus** [SPT14]. **LOD** [DC10, GW07, KDCM14, GW08, BP13]. **LoDs**


65

SSCO09, SDB97, Sli95, STD09, TBW+11, WK12a, YFW12, ZCG98, ZFCO+11, ZHH+15, van90, vKTS+11, vL90, FFD93, RGB+14. Manipulations [NNRS15]. Manner [CLJ+15]. Mantle [OBH+11]. Manufacturing [BKB+12, GoL85, HMA15, RGM85]. Many [DKH+14, HVABP08, HREB11, KBE19, LCDW16, NIDN16, OMD16, PPD98, SHD15, WKS+14, Mac94]. Many-Core [LCDW16]. Many-Light [DKH+14, HVABP08, NIDN16, SHD15]. Many-View [HREB11, KBE19]. Manycore [KWN+14]. ManyLoDs [HREB11]. Map [And10, BNJ15, BJG+15, FBL16, GKD07, HP02, HO17, Mar95, MDI+18, NGB+09, RMC17, RHL12, RBB01, SSKB15, SBE16a, SBC14, TON+02, WLZT18, WTYL12, ZDJ16, Déco05, PCBL16]. Map-Based [RLH12, SSKB15]. Mapped [BJCW09, SKMS06, TCRS00]. Mapping [AHMAM15, AASB14, Ara94, AE97, BLD+09, BL08, CC08, CWY11, Debo18, DCP08, DKS01, DMAC03a, DMAC03b, ESG01, EWMU13, FDD09, FPC+16, FBL16, GUS12, GDML13, GDG12, GSGC08, GPGSK18, G18, GBP07, GG14, HHS05, HLS12, JRJ11, JHI12, JZJ08b, JKL16, JBS+06, KH02, KB12, LMD15, LWS+16, LP95, MS12, MK99, MP12a, ML17, MBDC15, MGC+16, NC16, PDP+15, PHL91, PR12, SWP11, SSO08, SC10, SYF13, SS96b, SKMS06, SJL15, SSSK04b, SKU08, UMM+10, WGS04, WG12, XWZB17, YFGL09, YDF+10, YD88, YMS06, ZFE16, ZHLW18, EMU17, GSC18, Hal99, MS08, MTTH09, NG92, RTK+14, SSGM17]. Mappings [ARLC+13, AVBC16, CG16c, JHT14, LA11, NMR+18, SHF13, SKPSH13, SBC16, VMTS10, WBCGH11]. Maps [AAB+10, AHL+06, BTB02, BCD+13, BBI13, BCRA11, BBL12, BM10, CG17, CBSS17, COS95, CKS+16, DLGY12, DF90, ESKBC17, EBC17, GKS18, HG13, HCO18, JSLW14, JHT14, KFLCO13, KMK12, LT16, LG95, MR17, MH17, MRMH12, MSW04, NBS07, NBCW+11, OBCCG13, PWC+09, RPK+12, REH+11, RLB+19, SVLL10, Sch01, SBC16, SDMS15, SBC14, SYF11, SEA08, SNB+12, SGB13, TPB18, Vax12, WGBS18, WMZ12, WLS13, WDR09, WTH+13, WN09, YJD+18, YMYK14, YK08, ZHM08, vKZH13, FPC+05]. March [Auo97z, Auo97-28, PS10]. Marching [AG01, DZTS08, HWC+05, LCDW16, Muñ14, PWH11, RW08, RHv95, SW05, The02b]. Marine [DTA94]. Mario [Auo06c]. Marker [MM07, YLD07]. Markerless [PG08, SSKS07]. Markers [FBW01]. Market [PP89, tHS90]. MarketAnalyzer [KMJE12]. Markets [ST18]. Markov [MCM+16]. Marmitt [Auo07b]. Mask [FO12, SL08]. Masked [BNJ15, HGHJ15]. Masking [TMHD12, WPG02]. Masks [DS05a, NMMK05]. Mass [GKK13, GT15, HH98, PP89]. Mass-Dependent [GKKT13]. Mass-Spring [HH98]. Massachusetts [LLRD07]. Massive [BGAM04, BN12, ND12, PC12, TRAW12, WLML99, ZFAQ13, ZFA+16]. Massively [VBHH13]. Massless [SL07]. Matching [AYWM14, AAB09, ATCO+10, AVBC16, BLP10, BS12b, BD04, CDM+17, COC15, CRA+17, DGP17, DLL+10, GAWJ15, HMW+15, HCS16, HO17, KKBI15, LRBB17, LBBC14, NC16, NO17, OMMG10, OHG11, OMPG13,
PCBL16, PSO18, RF96, RVBWR04, RRP15, RKN10, SPD07, SY11, SY12a, SC16, SXY+11, SM14b, SL11, SBM+10, SCF10, TMR14, TBW+11, WH04, WSSC11, XZZC13, YYL+16, ZYF13, ZST+10, ZFCO+11, vKTS+11, vKZH13, CCFM08, DOS93. *Matchings* [LB19]. *MatchPad* [LCP+12].

**Material** [AGDJ08, ABB+07, BSH12, BCRA11, Cal96, DHI+15, FHHJ18, FVHK17, GOPT11, GMM+12, KDCM14, MRMH12, MSHD15, MC10a, NRM+12, NSRS13, ON05, PCDS12, PR12, RLW+09, SPN+16, SSN18, SKSS14, WWG07, XGL+07, XWT+08, YZW+12, YYW+15, ZST+15, ANO99m, BYB09].

**Material-aware** [YWM15].

**Materials** [ABW+15, ACOM12, BCRA11, Cal96, DHI+15, GSDC17, HCJ13, HS17, KPD10, LLD12, LT12, LD09, LBH12a, LZB17, MG10, NKL+10, NRM+12, OPP10, RK09b, SARZL10, SMTG07, SB00, TLM16, XHC+18, XDR11, ZLW15, dFH+11].

**Math** [JCJ09, Pic91a, SDC09, WBCG09a].

**Mathematical** [Pic86a, TC93].

**Mathematics** [Kra89].

**Matrices** [BLY+11, BDF+14, LAE+12, OKK+13, VB00].

**Matrix** [AT10, BBR+16, DRW15, HR10, LZL+15, MRA+17, MRS18, NB94, TW+16].

**Matryoshka** [Jac17].

**Matter** [Ano16a, Ano16b, Ano16c, Ano16d, Ano16f, Ano17a, Ano17b, Ano17c, Ano17d, Ano17e, Ano17f, Ano18a, Ano18b, Ano18c, Ano18d, Ano18e, Ano18f, Ano18g, OVV10, SJ+13a].

**Matting** [DZC11, EKFM12, GO10, GVWD06, GCL+06, JWL+13, Wil06b, YZL17, SPCR14].

**Max** [DKC00].

**Maximal** [ABC+04, EMP+12, ERA+16].

**Maximization** [ACOM12, JRJ11].

**Maximum** [BG09, CN98a, HS08, KS13b, MHO00, SK10, Váz97].

**May** [Jan91, Kun04, NSGP06, Svz95].

**Mazes** [WT09].

**MCFTLE** [GKT16].

**Me** [FLJ+14].

**Mean** [CK11b, KSBC12, SHF13, TAOZ12, XLI0, YB18].

**Mean-Curvature** [CK11b, KSBC12].

**Mean-shift** [XL10].

**Mean-Variance** [YB18].

**Meaningful** [MSH15].

**Means** [FKSS13].

**Measurement** [BP+09, GCP+09, GTB+13, HHNC19, KMG06, BK+09a, SLS04, SWL04a].

**Measurement-Based** [GTB+13, SLS04].

**Measurements** [DSH+17, RMS+08].

**Measures** [AKV15, CCSLT09, SA15].

**Measuring** [CRS98, DCK13, JS10, KARC17, WK17].

**Mechanical** [NC99, UTZ16, LDB07].

**Mechanism** [LSZ+18].

**Mechanisms** [HL15].

**Media** [BN08b, CRGZ10, CLY17, Enc98, ENSD12, Hol15, JZJ09a, KPS14, KF12, PWP08, PP09a, RZL+08, S+16, SKTM11, SKGM+17, SKMS18, WDM+12, WHD17, YIC+11].

**Medial** [BS12a, BS12b, BTG95, DRF12, HCGW14, LW17, YG18].

**Median** [FP94].

**Medical** [CNCO15, DSH+13, HMT13, HMP+12, KMM+18, KVD+10, KBT+12, LSB18, MK11, MMV+13, MK+13, MP10, NJB+11, NLB+13, OJMN+19, PEP12, PBC+16, RWS+10, RPLH11, SMH10, SLB+18, vPJHRV12, BG93].

**Medicine** [Baj03a, Baj03b, VBB+06, vCAvW14].

**Medium** [McC11].
Meeting [Ano97q, Ano97z, Ano04g, Ano05e, Ano06e, Ano07l, Ano10c, Ano11e, Ano12f, Ano13i, Arn84, Bon85, Duc82b, Nas03, tH83b, Gal84].
Meets [SL08].
Megalithic [PL96].
MegaViews [KBLE19].
Melting [IUDN10].
Members [Ano04g, Ano05e, Ano06e, Ano07l, Ano10c, Ano11e, Ano12f, Ano13i].
Membership [DvKSW12].
Membrane [BBBV12, EBV05].
Memoriam [Duc06a, Wil06a].
Memory [BCCS12, Bel87, CCI13, CPP08, ESC00, KH95, LeYTM08, MW06, MO08, PO02, QYZ17, RWW16, Ros13, TsdSK13, VH15, Jac85].
Memory-Conserving [MW06].
Memory-Efficient [QYZ17, RWW16].
Men [BMWW14, DGR14, YGCO14].
Mental [BAHS06].
Mer [Ano97s].
Merged [SBE16a].
Merging [BW13, CTL13, DMAL10, SSE14].
Mesh [AMR17, Ale02, AS96a, BLDV11, BPVR11, BLK11, BLP13, BCGL18, BS08, CK10b, CCI13, CCW12, CFB16, CBSS17, CH09, CH11, DGP17, DTTS08, DRSF12, DSWH17, EGKT08, FLL11, FAT07, GOT07, GSZ11, GGRZ06, GLLR11, JLCW06, JLW10, JKL18, JKS05, KT09, KMD17, KR05, KCL06, LMM10, LMM10, NAD06, NAD08, NAD10, LAD02, LT12, LZF18, LZ07, LZX08, LCHB12, M005, MSAP15, MKSS12, MKL13, MRAS17, MH00, NVT14, NL13, BO01, OZ09, PJS94, PHK10, PW13, PHF13, R08, RGG15, Ren16, RWM18, RNV07, S1A15, SYM10, SHB07, SSFS06, Sha08, SP14, SBCBG11a, Sor06, TWS11, TSS11, TPC10, VC04, VCP09, VS10, VR12, VWP16, VAX14, VLV04, WJB13, WSL07, WZCF15, XLW15, XYS15, XM15, YYG18, YBS07, YL11, YWTY12, ZDV10, ZW10, ZZ10, ZY10, ZZ10, vK06, BYB09, CH12, CCFM08].
Mesh-Free [PPH13].
Meshes [AD01, ATBG08, BV99, BG02, BGI08, BLK11, BK01, BK03c, BSH15, BBA08, BHU01a, CK10b, CCFM08, CCI08, C06, CG17, CL03a, CL03b, CGG03b, C0713, DB12, D12, DMA01, GRC06, G98, G008, GLLR11, HKA15, HLS96, JBG17, JKL18, JLW10, KSO10, K0, KBS00, KFA10, KFA14, LBG16, LS09, LS10a, Lee99, LL02, LCL10, LMB05, LKSD17, LBH01, Lev06, LSW09, MYL16, MS11b, MGS07, MR12, MRS18, MN09, NWW16, NSY09, PBGM15, PP13, PP11, PS04, PW13, PTH15, POG13, QYZ17, RWW8, RR15, RS17, RSS06, SWP08, SFFP15, SHB07, SKNS15, SC16, She12, SGS14, SS15a, SBCBG11a, S10, SW08, TWS11, UKCB15, VP11, VAX12, VG00, V18, VM199, WLT12, WGT01, XL814, ZSW10a, vTP11, CVDL16, GGRZ06, J096, SNA17, VR12, VMHB14, WFD13, CGG03a].
Meshing [BYB09, BL18, CAS19, DSC09a, DSC09b, DLS10, DMSL11, GHX17, JWW14, LMP16, M13, NH18, QYZ17, SJP13, SNA01, S17, SSFS06, SNKS09, TPSH14, YGG14, YGJ14, ZJC13, dCTAD09].
Meshing-Simplex [BYB09, dCTAD09].
Meshless [AWO10, SM14b, YLHQ12].
Mesoscale [LS17].
Mesoscopic [FKE13, LMS16].
Meta [CA14].
Meta-Layouts [CA14].
Metaballs
GPP\(^{+10}\), Hei95, KSN08, NN94, NIDN97. *Metabolic* [LDB11, WVKR08].

*Metafile* [BHMS87, OF84, Sch84, SM84]. *Metafiles* [End82, Os92, SC84].

*Metals* [FC10]. *Metallic* [BCRA12, NNSK99b, RMS\(^{+08}\)].

*Metamorphosis* [BMWM01, GA96, KPRN11, KFAR94, NN94, NIDN97].

*Metafiles* [End82, Osl82, SC84].

*Metalights* [FC10]. *Metallic* [BCRA12, NNSK99b, RMS\(^{+08}\)].

*Method* [AMT\(^{+12}\), AW13, BB99, CC08, CK84, CK13, Ccoc83, CDPS09, CL99, DHvOS00, DG95, DKN95, DMYN08, GBU00, GBW16, HC13, Hei95, HLo3c, HZn\(^{+18}\), IPKK13, IDN02, IDN03a, IDN03b, JC08, Kje83, LA06, LW95, LM07, LD98, MPT98, NN94, NIDN97, PCDS12, PH87, Pat89, PB94, SMAB02, SK86, SP01, Sla88, SSS\(^{+12}\), SKFNC97, Tam82, TSYK01, TSP05, TSH01, UBH14, WBG07, W94, YKH\(^{+09}\), ZBP99, ZY02, BM93, DH93a, Gui92, JPCC14, LBT92, Sbe93, STM93, VSD09, Vol93].

*Methodology* [NM91].

*Methods* [ABC11, BXH10, BAA\(^{+16}\), BBR\(^{+16}\), BMO\(^{+14}\), BV96, BFR17, Cas12, CRW09, DKH\(^{+14}\), Duc91, FPC\(^{+16}\), HE01, HLH\(^{+16}\), HR87, HHD03a, HHD03b, JL06, KZB19, Kaz15, Kim15, KDC17, LD08a, LIK10, LOM\(^{+18}\), MM12, MSK14, NGH18, Ren16, Ric87b, Sab86, SWP11, SYM\(^{+12}\), Sch00, SW04a, SHD15, SRH\(^{+09}\), SW99, Szy91b, Szy91c, TPS9, WBS\(^{+13}\), WG09, AS92, KH92, SW92b].

*Metis* [TLG99].

*Metric* [BCGB08, EP09, ESKBC17, FP04, GMY97, HČA\(^{+12}\), JC10, JWC\(^{+11}\), LA06, LAV11, LGK11, LSW09, PR12, RKS17, SL01, TAEE16, Kur15].

*Metrics* [BBK\(^{+18}\), CLL\(^{+13}\), GHX\(^{+17}\), MMG10, vKP06, JZW14].

*Metro* [CY14, WTH12, WTH\(^{+13}\), CRS98].

*Metropolis* [CWY11, HH10, KSKAC02, SIP07]. *MIC* [ASK14]. *Michelangelo* [Lev99].

*Micro* [Gol85, BSH12]. *Micro-Based* [Gol85]. *micro-facet* [BSH12].

*Microbe* [DWT\(^{+11}\)].

*Microblog* [ZAM\(^{+16}\)]. *Microcomputers* [NB88].

*microcylinder* [IMDN14]. *Microfacet* [DHI\(^{+15}\), Hdl4b, RBMS17, DWL\(^{+09}\)]. *MicroFacet-Based* [Hdl4b, DHI\(^{+15}\)].

*Microfacets* [WWH18].

*Microscopy* [JNX\(^{+08}\)].

*Microsoft* [WPHC16].

*Microsurfaces* [TH17].

*Microtiles* [KBW\(^{+12}\)].

*Mid* [MCM\(^{+12}\)].

*Mid-path* [STP17].

*Mtg* [PR93].

*Minds* [Bi87].

*Mine* [SP\(^{+10}\)].

*Minimal* [FBW01, JAJ95, LSR17, VFL16, WW95].

*Minimising* [ADS06].

*Minimization* [BPY16, BS15, DCG19, JKL18, PPL13, WTL15, FS08].

*Minimum* [CV15, vGPNB17, MS93].

*minimum-cost* [MS93].

*Minimum-Displacement* [vGPNB17].

*Mining* [PZZD19, ZCT18].

*Minkowski* [CK10a, GA96].

*Minutes* [A095r, A097-30]. *MIP* [MS12, XWZB17].

*MIP-Mapping* [MS12, XWZB17].

*MIPQ* [WFLW18].
MIQP-based [WFLW18]. Miranda [Par89]. Mireille [Ano05c]. Mirror [FKR13]. Mirrors [HNR+04]. Miscible [SKK10]. Mission [BSK+17]. Mixed [BSW+14, JL06, JTSZ10, MCH13, SLLW08, KBG+15]. Mixing [LD09, MNP+17, SKK10, RCM+14]. Mixture [WFZ+15, WDR11]. MLS [CBGB13, GB10, WSZB08]. MO [DM92, Mi90]. Mobile [CSC+18, JSH+13, KKTID17, KDCM14, PSC10, RKR+16, RGP16, RTN03a, RTN03b, SDHD17]. Mobility [LWL+16a, SHL+14]. Mobility-Trees [SHL+14]. Möbius [BCK18, LKCF10]. Modal [AFK+14, HDBRC17, HMW+15, HWAG09, HHD+12, KRFC09, CDT+15, EGG+15]. Mode [BG01]. Model [AGR19, ACG+17, ALA+18, AGM+06, BSW10, BR97, BPV18, BR02, BK05a, BPMG04, BBN02, BUR95, CT11, CRC+15, CTSO03a, CTSO03b, CCL11, CBT16, DAP08, DLG12, FML06, GCM00, GMD10, GSD17, GCPP18, HENYS16, HSS+09, HML15, HVVR18, HBO+10, HUA17, HHD89, HS11, HKS14, IJS08, IGAJG15, I101a, ISYM15, JTRS12, JW95, KRJC+11, KKL16a, KB04, LB06, LGH13, LSJK09, LM+18b, LS15, MAC85, MiI88b, MEKM17, NPDD11, NDS17, OW91, C029, OKB10, PADC06, PSCN10, PH87, PC12, PRN89, RE12, RMM10, RK90b, Sch94b, SDK09, SPP+09, S88, SXY+11, SSCO99, SK17, SAH91, SPBV10, ST08, SWG16, SH02, Str84, SJW13, TM04, TK98, VPLL08, VGSS04, WFZ+15, WW11, WAP+09, WDR11, WZCF15, XTL02, XTJ+07, YL10, YBK+12, ZLM+15, ZWHR14, DFI+11, AHR93, AKZM14, BM93]. model [DMP93, FFP92, HS29, IMDN14, LG92, LN18, ML03, NW17, TC93, WY92, WJG+16, XW+13, DP93]. Model- [NPDD11]. Model-Based [DLGY12, SSCO09, SK17]. Model-driven [TM04]. Model-Predictive [DAF08]. Modeling [AR94, ADM08, ATCO+10, ATF12, Baj03a, Ba03b, Bak91b, BLP10, BDS+03, BSK+13, BSMN11, BF09, BGK+96, BW07, BMR+16, BDS+12, CJFH14, CSLG10, CD10, Che06, CGS16, CPDS09, CRA+17, DWL+09, DDKL09, DCNP14, DBD+13, DGGK11, DMC94, DSY10, DJZ+09, EASCK18, FWX+13, FCOLO0, FG04, GB00, GM15, GMW04, GPBB11, GLW96, GGG+16, GLX+16, HOK+99a, HK12, HMT01, HBDP17, HSS17, HRS+16, HE94, HGA+10, IOI06, ITY10, JW97, JTSZ10, JTRS12, JLW10, JPC14, JL18, KB92, KFG09, KRM+15, KWM15, KSS+15, KPK10, K11a, KU010, KT97, LT17, LKC+12, LOM+18, LG13, LCL10b, LSN+14, LL+17, LZZ+18, LSW11, LVW+15, LPSM16, LC09, LDY10, LCW07, LCHB12, MVL14, MS01, MG05, MS08, MGG+10a, MNO16, Mi90, MWC13, MF00, MWW12, NVH+13, NBA18, NIND97, PWC+09, PhMJ14, PGGM09a, PGGM09b, PKS11, PBB+13, RP01]. Modeling [RCB+17a, RCT18, RR00, RLF90, SY12a, SDG99, SS08, SSSW13, STG16, SLK07, SAG+13, SMTG07, SM+10, SWS12, SKK+14b, SKK+14a, SG04, TNK+93, TZF04, TON+02, TB012, UHT18, UTZ16, VSO9, VKV+12, Vax12, W095, VPP+04, WL10, WXR+16, WLM+18, WLSW15, WGG99, XM15, XHC+18, YCEL09, YFW12, YLH14, YXW17, YLD+18, YSY94, YYPZ07, YLY+16, YLC+09, ZTM6, ZR96a, ZPS03, ZTW+12, ZLYL17, ZCL18, ZST+10, ZCF+13, DTKT93, DGA04.
DH93a, ESP92, GDAU14, Gro92, GDGP16, RCM+14, ZR96b. **Modeller** [NAB86]. **Modelling** [AJC11, Ano98d, BPM06, BBT+06, BCF+05, BSMM11, BWK14, BB91, BAHS06, Cal96, CL92, CTSO03a, CPE92, CBSF07, DJW+06, EPCV15, EKM01, FW17, GGP+15, GD09, HL03b, HH90, IO106, KK14, KFA+10, KK11a, KB+12, LM96b, Las84, LC99, LD98, LSWW11, LC99, LCM+18, MbMYR15, ME98, MMRO13, Nic85, OOI05, PL96, RKSA17, RMH+18, SL14a, Sei88, STBB14, SPK+14, SFS05, TD00, VAW10, Vax14, Wai88, WSC06, WBEF97, WLZ13, WC16, YLG+18, YYPZ07, YMS10, YLH+14, Zac89, ZHQH17, DTG96, FFD93, FG04, HR88, LM96a, SC04, ZY04].

**Models** [´Afr12, AA09, ADMAS18, ABCN10, AHR84, ADJ+01, BB00b, BKD+17, BAHS06, BPF+03a, BPF+03b, BCF94, BMWM01, BL86, BNC96, BN12, CRY11, CS16, CYC15, CATM09, CCI08, CZ09, CSaLM13, CK84, CDG07, CP10, CP11, DCP08, DLL+10, DMNV12, DW94b, DGC98, EWHS08, FJW+05, GWO+10, GRP10, GVV05, GM96, HFE13, IGMK+16, JL17, KZ05, KWM15, Kxe06, KGL+98, LeYTM08, LMS+16, LJN02, LWS+13, LCZ99, LC09, MWN+17, MK05, MG97, MCM+12, MMG18, MG10, MCB+16, MBT+12, MK15, MBW+05, NKM+06, Ne00, NK99, NNN98, NNSK99, NNSK99a, NH+13, ND12, OTH02, OZS08, Pat02, Pat89, PC12, PB10, PZB+09, PH13, RCM+16, RGM85, Ros79, SKR+14, Sch94c, STKD12, SLHC12, SB99b, SB00, SP03a, SFWS03a, SFWS03b, TRAW12, WF97, WC05, WLML99, WC14, WXW18].

**Models** [XCDR10, ZQK04, ZBM+17, ZHK15, ZR13, AVF04, CBV+14, DFM15, DPT+08, DMS14, GKO3a, GKO3b, HKM15, Jac85, LM93, LSN+14, LEM+17, MWC813, MLA14, TP1H14]. **Modifiable** [BMS+10, ZK08]. **Modification** [KB12, LAS+11, Ska87]. **Modifications** [DBD+13]. **Modified** [FM15, KSBC12, RHv95]. **Modifying** [GVS+15]. **Modular** [GSDG18]. **Modulation** [MT08, WHL10]. **MolecCollar** [BJJ+15]. **Molecular** [AI08, BWH+11, CDSS14, Du48, FSTR13, GRDE10, HVVR18, KFR+11, LKEP14, LPSV14, LMA+18, LBPH10, PJR+14, RWP88, SAM14, SKR+14, SLD+17, vdZLBI11]. **Molecules** [PMW86]. **Moments** [KFH10]. **Monaco** [Gob96]. **Monitoring** [HKD+08]. **Monkey** [Pic91a]. **Monocellular** [MD19, ZTG+18]. **montage** [HHS14, DJZ+09, GWO+10]. **Monte** [Gob95, Gob96, BEEM15, BRM+16b, BB17, BBL+09, DWR10, GAM17, GKT+16, HCJ13, HD14a, KS+13a, KVS+14, MMG18, MJ+13, MIGMM17, MGN17, NGOH18, PWP08, Pic86b, Sbe97, SHZD17, SMJ17, SKFNC97, VAN+19, ZHD18, ZJL+15]. **Monte-Carlo** [KVS+14, MMG18]. **morass** [Cla92]. **Morphing** [Ale02, AEC016, BP98, CFB16, DSI15, GLA00, GLH13, GLC11, LLN+14, TEG09, WPL+13]. **Morphological** [BE95, JESG12, Mi90]. **Morphologies** [AMYB17, ASB+17]. **Morphology** [JKP13, KMA05, Vel93]. **Morphology-independent** [KMA05]. **Morse** [DFM15, SWPL08, SN12, Szy11, WIFD13]. **Mosaic** [BDGF07, CBC+15]. **Mosaicking** [CL99]. **Mosaics** [LV10, ME13, MFP15, PCK09]. **Motion** [AMYB17, AWO+10, AGIR9, ARB+18, ACOHS18, AW00, AWCO10, BCN11a,
BSC16, BIZ18, BTS+17b, BvTH16, CYC15, CZY11, CCT12, CKHL11, CYI+12, CYJ02, CKE+12, Coh95, DAP08, DLGY12, EHT18, ESKT15, EBS09, FL06, FP15, FHW+11, FGT+16, GS14, GPR+15, GPD09, GFW+06, HSY+09, HWP+10, HK09b, HL18, HZF10, HHRZ12, HLL16, JKL18, JL08, KAA103a, KMS13, KŐOH13, hKLS00, KSP18, KRFC09, LMSG16, LS09, LLY09, LK17, LWPL15, LYG15, LZ10, MMS07, MGC16, MAA09, MBBT00, MVH14, NSG11, NG03a, OSH08, PHE11, PLL11, PG08, PH03b, PH03a, RAP08, RTK14, RR00, SKSK07, SSK05, SCR18, SHW18, SHS13, SJF11, TySK00, TWC+09, USK11, UGB04, VB14a, VF14, WLZH17, WWT16, WGO14, WLI12, YL10, YLD07, ZZT15, ZHK15, vBE11, BT92, HNJ14, SF92.


MPM [YLCH18, ZZL+17]. MR [MK11, ZVE+14]. MRF [TSP05]. MRI [KPG16, KGGP18, MKP+16, DHVPV14]. Mud [SOH99]. Multi [ÅSK14, ATO17, AFK+14, AGDJ08, ABCN10, BV09, BTST12, BTB13, BBP10, CS99a, CSFP12, CBT+15, CD10, CSS18, CJ+09, CKK18, CDS16, CP10, DZD+16, DSSD09, DSH+17, EAGA+16, EASG+17, EGG+15, FDL14, FvdP15, FL19, FMH16, FH09, FHN+17, GDG12, GHWG14, HDRC17, HFM10, HMW+15, HWF+17, HLJ+13, HJS+17, IABT11, ISYM15, JBT508, JSH+13, KARC15, KH19, KKS+12, KMB+17, KVD+10, KZZM12, LBG16, LWLD11, LeYO+10, LMLG15, LWL+16b, LJJ+18, LTK12, LHY09, LSZ08, LCD10, LHNS18, MJBC13, MhMYR15, MAA+09, MO08, MMP16, NBJ+11, NPCB17, PBGM15, PSPM12, PKG03a, PKG03b, Pii85, PSK09, RSH+12, RLYL14, SM10, SM11, SHSK16, SGS05, SGW12, STM12, SMS15, SHW+18, SNKS09, SR14, SS15a, SG16, SOG09, TCRS00, TIK17, VSK16, WS02, WDAH01, WLI+10, XSXM13, XSS+15, XBL+18, YFW12, YLHQ14, YYC+10, YMS10, ZL+15]. Multi [ZXTD10, BRM+16a, BYB09, HL14, NGM14, TWSM17, VF14].


Multi-GPU [MO08]. Multi-Grid [KH19]. Multi-Image [NPCB17, YWC\textsuperscript{+}10, DZD\textsuperscript{+}16]. Multi-impact [ZLM\textsuperscript{+}15]. Multi-Jittered [CKK18]. Multi-Joint [KVD\textsuperscript{+}10]. Multi-Kernel [HLJ\textsuperscript{+}13]. Multi-Label [BV09]. Multi-Layer [SDMS15, CSFP12, ISYM15, LCD10]. Multi-Layered [MbMYR15, RHS\textsuperscript{+}12, DSSD09]. Multi-Level [ABCN10, CJC\textsuperscript{+}09, HFM10, NJB\textsuperscript{+}11]. Multi-Material [AGDJ08, BYB09]. Multi-Microprocessor [Pil85]. Multi-Modal [AFK\textsuperscript{+}14, HDBRC17, HMW\textsuperscript{+}15, CGT\textsuperscript{+}15, EGG\textsuperscript{+}15]. Multi-objective [SNKS09]. Multi-Party [EAGA\textsuperscript{+}16, EASG\textsuperscript{+}17]. Multi-Perspective [YMS10, LTK12, BRM\textsuperscript{+}16a]. Multi-Projection [TIK17]. Multi-Projector [SM10, SM11]. Multi-Projection [LBG16, LeYO\textsuperscript{+}10, WS02, VF14]. Multi-room [MMP16]. Multi-Run [FL19]. Multi-sample [SHSK16]. Multi-Scale [DSH\textsuperscript{+}17, SR14, SOG09, WDAH10, XSM13, CD10, GDG12, MJBC13, PKG03a, PKG03b, YLHQ14, NGM14]. Multi-Sided [SS15a, VSK16]. Multi-Skilled [FvdP15]. Multi-Spectral [LMLG15, PSK09]. Multi-step [LS\textsuperscript{+}Z08]. Multi-style [RLYL14]. Multi-task [KARC15]. Multi-Touch [JSH\textsuperscript{+}13, SHW\textsuperscript{+}18]. Multi-User [XBL\textsuperscript{+}18]. Multi-Variate [CBS16, FH09, HFW\textsuperscript{+}17, KKS\textsuperscript{+}12, KZZM12, Pspm12, STMT12]. Multi-View [BBP10, FNH\textsuperscript{+}17, KMB\textsuperscript{+}17, WLI\textsuperscript{+}12, XXS\textsuperscript{+}15, LLJ\textsuperscript{+}18, SM10]. Multi-Volume [LLHY09, CS99a]. Multibody [ATK17]. Multichannel [JvdGMR19]. MultiClusterTree [LL09]. Multicolored [MKO\textsuperscript{+}00]. Multicore [KWN\textsuperscript{+}14, VOS\textsuperscript{+}10]. Multidimensional [FR11, FR00, GMDW09, GJL\textsuperscript{+}09, JPN\textsuperscript{+}15, KK02, LT\textsuperscript{+}16, LMG\textsuperscript{+}18b, LL\textsuperscript{+}09, NNN\textsuperscript{+}11, PEP\textsuperscript{+}11a, PEP\textsuperscript{+}11b, RW\textsuperscript{+}18, SNL\textsuperscript{+}09, WKS\textsuperscript{+}14, YWS\textsuperscript{+}14, FT93]. Multidirectional [SPBV10]. Multifaceted [PD\textsuperscript{+}14]. Multifield [HHC\textsuperscript{+}13, JBL\textsuperscript{+}06, NNN\textsuperscript{+}11]. Multifields [MFL13]. Multigrid [JCK\textsuperscript{+}13, WW\textsuperscript{+}18, WMRSF15]. Multilayered [CJW\textsuperscript{+}06]. Multilevel [RA94, TL16]. Multimedia [But94, DH98, Kje91a, PH96, AHR93, Cla92, FT93, Kin92, KSH92, ST93, VR95, dBD\textsuperscript{+}92, HK94, Kje92]. Multimedia/hypermedia [HK94]. Multimodal [LSBP18, RRRP08]. MultiOOP [Cla92]. Multitask [SW99]. Multipath [CN04, MSS08]. MultiPiles [BHRD\textsuperscript{+}15]. Multiplanar [CSaLM13]. Multiplane [WZH13]. Multiplayer [GC09]. Multiple [AWO\textsuperscript{+}10, BKB\textsuperscript{+}12, BBAM12, BCH\textsuperscript{+}95, Che97, DMKP07, DWT\textsuperscript{+}11, EBA\textsuperscript{+}09, FKSS13, GRT\textsuperscript{+}18, GD96, GA98, Her84, JR\textsuperscript{+}16, KPN\textsuperscript{+}10, KHI\textsuperscript{+}01, KPS\textsuperscript{+}14, KSD14a, KFR\textsuperscript{+}18, KJT\textsuperscript{+}14, LC99, LJZX15, LWS18, LMG\textsuperscript{+}13, LPG13, NK99, SS16, SY14b, SHSK16, SDS\textsuperscript{+}16, SJH08, SKMS18, TMRL14, WHD17, WHCO08, WYKR17, YLD\textsuperscript{+}07, ZAM\textsuperscript{+}16, KB\textsuperscript{+}14, TWMSK18, ZJC13]. Multiple-Bounce [JR\textsuperscript{+}16]. Multiples [BBL12, LHS18, vdeW13, BRM\textsuperscript{+}16a]. Multiplex [RMM15]. Multiplexing [CBV\textsuperscript{+}14]. Multiply [RR94]. Multiply-Connected [RR94]. Multiprocessor [CBV86, NS93]. Multiresolution [AA\textsuperscript{+}96, AG06,
Networking [ADS90, SGM+93]. Networks [ACA18, BHRD+15, BWK14, BCD+10, BJF+18, CLWM11, DPF16, DGGK11, DRW15, GPGB11, GLK16, GCJW15, HGRS+17, HHCJ18, JvdGMR19, KRD+15, hKTL+17, KWÖG18, KvLB14, LDB11, LBD+08, MSFM16, NAM+17, NKL6, PGS+16, POCM19, RJI+11, RMM15, RÖPG18, SSK16, SV14, SAAB11, SBM+14, TLFC16, UHT18, XHW+18, ZZ17, ZWHK16, BM+15, OKK13, vDOH16]. Neural [hKTL+17, KWÖG18, MBRHD18, NAM+17, POCM19, RG19, RÖPG18, SMB+17, UHT18, YYZZ18, ZZ17, BG93]. NeuroLens [ZZ17]. Neurology [CZCE08, RRRP08, SSA+08]. Neuromatrix [Thi11]. Neuroscience [Neb00]. Neurosurgical [RRRP08]. Neutralization [JD00, JD01]. NeWS [RSD+88]. Newspaper [KvLB14]. Next [HDF15, WHD17]. Nice [DJ88, SZAB04, Van85]. Nicograph [HP84]. Nicosia [Ano07j]. NIL [Mil87]. Ninth [Duc98]. No [HČA+12]. No-Reference [HČA+12]. Node [BHR17, GEY12, Hea90, SSK16, Hea89, SBD+15b]. Node-Link [BHR17, GEY12, SSK16, SBD+15b]. Node-Link-Group [SSK16]. Nodes [SAAB11]. Noise [BLV+10, BB17, FLJ+14, GLM17, GCSA13, KS11, KS12a, KS13a, LLC+10a, MIGMM17, NOS09, PCX+18, RRSG16, WJDZ14, WYKR17, YGJ+14, CG12]. Noise-Adaptive [GCSA13]. Noise-Aware [WJDZ14]. Noisy [FLJ+14, GLK18, KJT14, OW19, VMM99, WYZC13]. Non [ABG+12, BSJ08, BPVR11, CRGZ10, CY+11, CGBG13, CCTL12, CYJ02, CMH+01, DSC09b, DSC09a, DWE03b, DBHM03a, GTOG16, GO15, GSA03a, GSA03b, HS99, Hei01, HP04, HHD03b, HH98, HAWG08, HHCJ18, Jen97, JCW11, KSBC12, KE97, KPK10, KBT+12, KQWM08, LA11, LSP08, LZL+15, LZFH18, LMPD15, LRB+16, LBD+08, LXFW11, LWY+11, MJB313, MSWK02, MRL10, MDWK08, OHG11, ÖGG09, RAMG15, SM+14a, SSSB07, SKZ13, SNK909, SSB13, SFWS03a, SP03b, SSJ+10, SK99, TSM94, TMRL14, TBKP12, USSK11, VCC+11, VMG09, WNS+10, WT11, XLT03b, XJJ+08, XCDR10, YMK12, YLL15, YL08, ZFY13, ZST+10, ZFJ+16, BP296, RRS12, Ska96, XXY+18]. non- [BPZ96]. Non-Active [HH98]. Non-Circular [KBT+12]. Non-Constant [CRGZ10]. non-convex [Ska96]. Non-Diffuse [GSA03a, GSA03b, Hei01, SK99]. non-homogeneous [RRS12]. Non-Immersive [MSWK02]. Non-Isometric [GTOG16]. Non-iterative [MRL10, TBKP12]. Non-Lambertian [Jen97]. Non-Linear [HP04, LA11, LXFW11, LWY+11, ÖGG09, SSSB07, SSB13, MJBC13, RAMG15]. Non-Local [LZL+15, LZFH18, SKZ13, ZFJ+16]. Non-Manifold [BSJ08]. Non-Oriented [CGBG13]. Non-parallel [HHCJ18, LBD+08]. Non-Periodic [SM+14a]. Non-Photorealistic [ABG+12, CY+11, CMH+01, HS99, JCW11, LMPD15, USSK11, VCC+11, WT11, YMK12, DWE03b, DBHM03a, HHD03b, KQWM08, MDWK08, SFWS03a, SP03b, SSJ+10, WNS+10, XLT03b, XJJ+08, XCDR10, YL08]. Non-Regular [TSM94]. Non-Rigid [HAWG08, LS08, LRB+16, OHG11, TMRL14, ZFY13, BPV11, CYJ02, YLL15, ZST+10, XXY+18]. Non-Simplex [DSC09b, DSC09a, SNK909]. Non-singular [KSBC12].
Non-Terminal [KPK10]. Non-Uniform [KE97, VMG09, CTL12].
nonprogrammers [dBv93]. Nonregularly [Frº94]. Nonrigid [BS12b].
Nonsplitting [Guo93]. Nonuniform [Vas97, WH17a]. NoRM [HˇCˇA+12].
Normal [BM12, BM16, CACB18, Dan96, JSLW14, LZFH18, MSS+10, PA06, SSG17, SW92b, TW97a, TW97b, Thº01, WLT+17, ZDZ+15, ZWY+13, CFGL16].
Normalization [SY12a]. Normals [Hd14b, SAE93]. Norrköping [Oll04].
Norwich [Ano97z, Ano97-28]. Note [Ano13h, LR88, Lut02, Hub93].
Notes [Kra89]. Novel [ABW+15, CAH00, GPK+12, HLM97, LSR17, LQZ13, NMOT01, TZZ11, WO94, WYY13]. Novel-View [GPK+12, LSR17].
November [CA05, MRS06]. NPR [CS16, CJW+09, HLH+16b, KM16, LLY09, PGG+09, TLM16, WDR09].
NPR-Style [PGG+09]. Number [KSN08, Nas03, OHG11]. Numbers [SL11].
Numeric [Elb95]. Numerical [BDˇS84, HE01, Kaz15, Kim15, KUMY10, RSS96, Szy91b, AVBC18, GA93].
NURB [WO92]. NURBS [AES94, AP92, G03a, G03b, LLG97, PH94, QSW92, SYT+13].

O [Ric87a]. Obituaries [Duc06a, Wil06a]. Object [AA09, BT95, BB91, BWRT96, BSL18, CS98a, CCI+07, CC00, CKS+15, CMH+01, DS11a, DR87, DZC11, DH98, EBG+12, GGW98, GCZ+12, GTK+12, HMB08, HD89, IKL+10, IEH+14, KAAT03a, KAAT03b, KH96, LSf+11, LDGN15, MBB13, Mar95, MPM+14, MSAP15, MCG+19, MRS12, MSF00, Ott90, PG08, PIWB08, PS10, RPZ02, Sch88, SEASM09, SSB13, SF83, SJWS13, TC94, TLC99, Vel91, WCB+95, XXY+18, YCL+17, ZZWC16, ZCK17, ZZX+17, van90, AHR93, DSS90, JCT14, Sch94a, ZK92].
Object-Centered [CKS+15]. Object-Oriented [BB91, DR87, DH98, HD89, KH96, Ott90, Sch88, TLG99, Vel91, ZK92].
Object-Space [HMB08, MRS12]. Object-Surface [Mar95]. Objective [TAEE16, SNKS09]. Objects [AWO+10, AAK+09, AS95, AM95, Att15, ATF12, AB97, BDˇS84, BVTH16, BB08, Büh+01, CS00, CBS96, DMYN08, EDPB+15, FCs+16, GCM+00, GPG+16, GTS86, HK16, HS04, HE01, HHD03a, HHD03b, HE94, HL03a, HL03b, HSC+16, HLL07, HNR+04, IK01b, Jac17, JZY+18, KBBJ16, KKS+15, KMH+13, KS12b, LGB+03, LPH+15, LAFT12, Los97, LD97, MCHW+18, MGG10b, MIO016, MCL96, NK99, OTSG09, PDP+15, PL94, RGM+5, RAM+15, RH95, SE04, SS96b, SWB01, TH+05, UTZ16, WWH+10, WXL+11, WZ12a, WDZ17, WWT+16, WW11, YH13, ZXTD10, BLS93, DH93b, Ger92, KWF+01, LDB07, MFT02, NW17, OCL96, TC93, ZKWG16].
BKES00, BNRSV01, NRJS03a, NRJS03b]. Occlusion
[AGG+08, ASVNB00, BKE00, BWPP04, BWRT96, COFHZ98, ED08, IH11, LK10, LWDB10, MBW08, MSW10, MPS05, RMSD+08, SPH+09, SPBV10, SGG15, SBW06, YWC+10, ZCG08]. Occlusion-Driven [SBW06].

Occlusions [JZJ08a]. occurrence [SCD+16]. Ocean
[BNH10, DCGG11, GSMA08, LSB+17, WHP+11]. OCT [GBH+17, Arn84].

October [ACM80]. Octree
[CJC+09, Hea90, JZJ08a, KL10, LWDB10, MBW08, MSW10, MPS05, RMSD+08, SPH+09, SPBV10, SGG15, SBW06, YWC+10, ZCG08]. Occlusion-Driven [SBW06].

Occlusions [JZJ08a]. occurrence [SCD+16]. Ocean
[BNH10, DCGG11, GSMA08, LSB+17, WHP+11]. OCT [GHB+17, Arn84].

October [ACM80]. Octree
[CJC+09, Hea90, JZJ08a, KL10, LWDB10, MBW08, MSW10, MPS05, RMSD+08, SPH+09, SPBV10, SGG15, SBW06, YWC+10, ZCG08]. Occlusion-Driven [SBW06].

Occlusions [JZJ08a]. occurrence [SCD+16]. Ocean
[BNH10, DCGG11, GSMA08, LSB+17, WHP+11]. OCT [GHB+17, Arn84].

October [ACM80]. Octree
[CJC+09, Hea90, JZJ08a, KL10, LWDB10, MBW08, MSW10, MPS05, RMSD+08, SPH+09, SPBV10, SGG15, SBW06, YWC+10, ZCG08]. Occlusion-Driven [SBW06].
Optimizer [VGB+14b]. Optimizing [BCRA11, CHA+14, CTHAM10, FCH+06, xHMC09, KRMS13, LWZ+09, LCWCO10, RGB+14, WZK16].

Orbit [SAD+16]. Order [CAH00, DHS04, GO15, GCP+09, GSA03a, GSA03b, IH11, KASH13, LS08a, LPG13, ME04, Muň14, NM14, NPW10, ORT18, POS+11a, Pic87, RW18, SVLL10, SWS09, SFB15, SK10, Sch11, SK16a, ŭFE10, WTHS04, YHGT10, ZY04, BRM+16b, BPZ96, MRL10].

Order-Independent [ME04, SBF15]. Orderability [CAB+16]. Ordered [CAB+16]. Ordering [BJCO03a, BJCO03b, DH16, FR11, HMB08, SS00, WTMT18].


Orientation [CCLN10, PD16, RHLH18, WSSC11, SW92b]. Orientations [SSG17, RGB+14]. Oriented [BDˇS84, BB91, CGBG13, DR87, DH98, Hd89, JFSO06, KH96, MC10a, Ott90, PHK+10, Sch88, SSW14b, TLG99, Vel91, YXX14, KCB97, KBK+10, ZK92].


Out-of-Core [BLD14a, DC10, FCGW02, FK09, GG14, KTO11, BBS+09, ILRS03a, ILRS03b]. Outdoor [CLG+18, ESKT15, GPK+12, WXŁ+13, XP+13, TNK+93]. Outlier [BFG+17, DWR10]. Outline [Sch00, SR96]. Outline-Based [Sch00].

Output [BG01, BSAP11, EPAS11, HR87, ND94, Rus01, SBS+17, Ste84, SG96b, GGM12]. Output-Sensitive [BSAP11, SBS+17, SG96b, BG01, GGM12]. Outstanding [Can11, Dre07].

Overall [ZHLW18]. Overlap [SSS+12, Tho86, vGPBN17]. Overlapping [DSWH17, DMYN08, SAA09]. Overlays [BY08]. Overloaded [DKMT18].

Overview [BDFG07, BCN11b, End83a, End84a, GRE11, HGG+84, Kil82, OJS+11, ZCH+17, LEM+17].


Painted [LCC+18]. Painterly [LLY09, LPSB18]. Painting [CLJ+15, CLLC15, DWE03b, HHD03b, HZF10, IK01b, KKK18, LMPD15, LFA+15, PFC15, SLE17, SKNS15, SDHD17, SDC09, TO97, WW87a, WS01, XLTP03b, XTJ+07]. Painting-like [TO97]. Paintings [WTL13, ZCC14].


Panel [HEtH+83, SG97]. Panorama [BB14, BCK+12, KH02, KLD+09]. Panoramic [HVM+08, KPiAS01, LWŁ+16b, PSHZ+15, DGR+14]. Paper
[BW07, Lar10, PdMJ14, RSW+97, RLYL14, SRH17]. **Papercraft** [XCDR10].

**Papers**

[AR06, Ano96t, Ano07i, ML17, Ano08f, Arn08, DCPS08, Gob95, Gob96, Zot08].

**PaperVis** [CY11]. **Papilio** [LFC14]. **Para** [PSF04]. **Para-Graph** [PSF04].

**Paradigm** [AR94, KCB97, YSY94, LG92, WBCG09b, YN93]. **Paradigms** [Ano95q, Ano96c, Ano98e, AS98, DH98].

**Parallax** [Ake11, LMSG16]. **Parallel** [AIAT12, Ano98b, Ano98c, AH89, CG12, CMPS93, COF95, CDD09, DCK12, DG12, FP15, GMM15, GRT18, GRPF16, HKs09, HBW11, HMB17, HREB11, IABT11, JBG17, JZYP18, JC08, JR16, KARC15, KH95, KV14, KHH+09, KZM12, Kuh12, LCDW16, MSSK08, McC96, MM08, MB18, MB99, MKSS12, MRAS17, MN08, Nar95, NG97, POS+11a, PRS89, PTO10, Raf05, Rei03, RA94, San06, SKK14a, SF83, TP89, VBHH13, VOS+10, WWF18, Wei08, WDZ17, ZYQ+08, ZCQ+09, CD94, HB92, HHCJ18, LBD+08, MMAG93, VI93]. **Parallel-Coordinates** [GRPF16]. **Parallelization** [LL18].

**Parameter** [AGR19, BPFG11, BvLBS11, ERHH11, GKHF14, GAWJ15, LBH12b, LR+15, SL09, SBC+17, STD09, TFA+11, WTHS06, WGO+14].

**Parameter-Dependent** [LRB+15]. **Parameterisation** [SJ13b].

**Parameterization** [BCGB08, BF84, CK14, CBSS17, EGKT08, GDG12, HLS12, KNP07, LS08a, LZX+08, MS12, MP12a, MTAD08, NRP11, PSF04, Sch13, SNN18, SHPS08, PSP+14]. **Parameterization-Aware** [MS12].

**Parameterizations** [CK11a, DMA02, GUK+17]. **Parameterized** [GGK06, KSKL13, LPG10, SH02]. **Parameterizing** [AKZM14].

**Parameters** [BCS96, CEX+18, DHI+15, ESK15, JCW11, KR05, SS12, WVV08].

**Parametric** [Bak90, Bou88, Büh01, FB94, GMM15, KWM15, KM83, MJC01, VCP09, WR05, WDR11, dFSV03, Gui92, NN93, ST19, VG96].

**Parametrically** [PA06]. **Parametrization** [AMS16, CIE+16, CLS16, CBSS17, ESB17, SGR12, UFK13, YFW11].

**Parametrizations** [CIE+16]. **Parametrized** [TE18]. **Parcels** [VKW+12].

**PARCUM** [Jac85]. **Pareto** [HHC+13]. **Parity** [SY12b]. **Parser** [Her82].

**Part** [JTRS12, LZSCO09, LW+15, RT08a, RMG18, XMM+13, ZCOM13, vKTS+11, DMS14, NW17, ZCOAM14]. **Part-aware** [LZSCO09].

**Part-Based** [LVW+15, JTRS12, RMG18, DMS14]. **part-segmented** [NW17]. **Part-type** [RT08a]. **Partial**

[BV09, CRA+17, GAWJ15, LRB17, MH13, PSM12, RLH+18, RCB+17b, SY14a, SGS14, SDKG18, TVD09, vKZ13]. **Participating**

[BN08b, Ensd12, Ho15, JZ08a, KPS+14, KF12, PWP08, PP09a, SKTM11, SKGM+17, SKMS18, YIC+11]. **Participation** [Ano95l, Ano95m, Ano95k, Ano96g, Ano96h, Ano97e, Ano97g]. **Particle**

[AIAT12, BSW10, CSL09, CZY11, CKSW08, DGP17, HE94, IPKK13, IUDN10, JFS06, KRG03, KS18, KBKŠ09, PTB+03a, PTB+03b, SCN+16, SM13, SGG15, UBB14, VCC98, VMH+13, WAF+11, YLH14, YK+09, YWY12, ZLKW13]. **Particle-Based** [AIAT12, BSW10, DGP17, PTB+03a, PTB+03b, IU1D10, SCN+16, SG15, ZLK13]. **Particle-Grid**
[IPKK13, UBH14, YLHQ14]. **Particles**
[BCN03b, BCN03a, CS09, CATM09, DMLG02, ELPH19, GT15, HYZ+14, KS14, RGG18, UBH14, WWH+14, YLHQ14]. **Partition**
[DLGY12, MHA17, NOS09]. **Partitioned** [GMAG15]. **Partitioning**
[Cam17, CN05, COFHZ98, EGKT08, FP15, Hea90, JD00, LLHY09, WLML99, YIC+11, GD16, VF14, JD01]. **Partitions** [MS10b]. **Parts**
[DLGY12, MHA17, NOS09]. **Partition** [GMAG15]. **Partitioning**
[Cam17, CN05, COFHZ98, EGKT08, FP15, Hea90, JD00, LLHY09, WLML99, YIC+11, GD16, VF14, JD01]. **Partitions** [MS10b]. **Parts**

---

[IPKK13, UBH14, YLHQ14]. **Particles**
[BCN03b, BCN03a, CS09, CATM09, DMLG02, ELPH19, GT15, HYZ+14, KS14, RGG18, UBH14, WWH+14, YLHQ14]. **Partition**
[DLGY12, MHA17, NOS09]. **Partitioned** [GMAG15]. **Partitioning**
[Cam17, CN05, COFHZ98, EGKT08, FP15, Hea90, JD00, LLHY09, WLML99, YIC+11, GD16, VF14, JD01]. **Partitions** [MS10b]. **Parts**
[DLGY12, MHA17, NOS09]. **Partition** [GMAG15]. **Partitioning**
[Cam17, CN05, COFHZ98, EGKT08, FP15, Hea90, JD00, LLHY09, WLML99, YIC+11, GD16, VF14, JD01]. **Partitions** [MS10b]. **Parts**

---

[IPKK13, UBH14, YLHQ14]. **Particles**
[BCN03b, BCN03a, CS09, CATM09, DMLG02, ELPH19, GT15, HYZ+14, KS14, RGG18, UBH14, WWH+14, YLHQ14]. **Partition**
[DLGY12, MHA17, NOS09]. **Partitioned** [GMAG15]. **Partitioning**
[Cam17, CN05, COFHZ98, EGKT08, FP15, Hea90, JD00, LLHY09, WLML99, YIC+11, GD16, VF14, JD01]. **Partitions** [MS10b]. **Parts**
[DLGY12, MHA17, NOS09]. **Partition** [GMAG15]. **Partitioning**
[Cam17, CN05, COFHZ98, EGKT08, FP15, Hea90, JD00, LLHY09, WLML99, YIC+11, GD16, VF14, JD01]. **Partitions** [MS10b]. **Parts**

---

[IPKK13, UBH14, YLHQ14]. **Particles**
[BCN03b, BCN03a, CS09, CATM09, DMLG02, ELPH19, GT15, HYZ+14, KS14, RGG18, UBH14, WWH+14, YLHQ14]. **Partition**
[DLGY12, MHA17, NOS09]. **Partitioned** [GMAG15]. **Partitioning**
[Cam17, CN05, COFHZ98, EGKT08, FP15, Hea90, JD00, LLHY09, WLML99, YIC+11, GD16, VF14, JD01]. **Partitions** [MS10b]. **Parts**
[DLGY12, MHA17, NOS09]. **Partition** [GMAG15]. **Partitioning**
[Cam17, CN05, COFHZ98, EGKT08, FP15, Hea90, JD00, LLHY09, WLML99, YIC+11, GD16, VF14, JD01]. **Partitions** [MS10b]. **Parts**

---

[IPKK13, UBH14, YLHQ14]. **Particles**
[BCN03b, BCN03a, CS09, CATM09, DMLG02, ELPH19, GT15, HYZ+14, KS14, RGG18, UBH14, WWH+14, YLHQ14]. **Partition**
[DLGY12, MHA17, NOS09]. **Partitioned** [GMAG15]. **Partitioning**
[Cam17, CN05, COFHZ98, EGKT08, FP15, Hea90, JD00, LLHY09, WLML99, YIC+11, GD16,VF14, JD01]. **Partitions** [MS10b]. **Parts**
[DLGY12, MHA17, NOS09]. **Partition** [GMAG15]. **Partitioning**
[Cam17, CN05, COFHZ98, EGKT08, FP15, Hea90, JD00, LLHY09, WLML99, YIC+11, GD16, VF14, JD01]. **Partitions** [MS10b]. **Parts**

---

[IPKK13, UBH14, YLHQ14]. **Particles**
[BCN03b, BCN03a, CS09, CATM09, DMLG02, ELPH19, GT15, HYZ+14, KS14, RGG18, UBH14, WWH+14, YLHQ14]. **Partition**
[DLGY12, MHA17, NOS09]. **Partitioned** [GMAG15]. **Partitioning**
[Cam17, CN05, COFHZ98, EGKT08, FP15, Hea90, JD00, LLHY09, WLML99, YIC+11, GD16, VF14, JD01]. **Partitions** [MS10b]. **Parts**
[DLGY12, MHA17, NOS09]. **Partition** [GMAG15]. **Partitioning**
[Cam17, CN05, COFHZ98, EGKT08, FP15, Hea90, JD00, LLHY09, WLML99, YIC+11, GD16, VF14, JD01]. **Partitions** [MS10b]. **Parts**
LHH$^{+}$13, MMTH09, McN01, MG10, MC14, MSK14, MK15, NMP98, OAJ14, RGG15, RAP08, RB10, RIF$^{+}$09, RPA$^{+}$15, SW11, SGRT12, SABG$^{+}$05, SCCN11, SLTM08, SLH$^{+}$18, TX16, VCL$^{+}$11, VR12, WSR$^{+}$17, WTL13, XCDR10, YMM10, YLR10. Perception-based [HKMS08].

Perception-driven [WSR$^{+}$17]. Perceptional [BGCP11, Cad08, CAB$^{+}$16, CLL$^{+}$13, GMY97, GMSK09, HMDO05, H ˇCA12, IP00, JVS$^{+}$12, KNH$^{+}$18, LBH12b, May99, May00, MG10, PHM$^{+}$14, RAP08, RE12, SL01, SCCN11, TMHD12, WPG02, HHS14]. Perceptual [BGCP11, ˇCad08, CAB$^{+}$16, CLL$^{+}$13, GMY97, GMSK09, HMDO05, H ˇCA12, IP00, JVS$^{+}$12, KNH$^{+}$18, LBH12b, May99, May00, MG10, PHM$^{+}$14, RAP08, RE12, SL01, SCCN11, TMHD12, WPG02, HHS14].

Perceptually [DER$^{+}$10, FP04, GH97, HMYS01, HFM16, HBK02, KYKL14, LAS$^{+}$11, LBH12b, MPCG12, PBC$^{+}$16, Red96, SLTM08, TDMS14]. Perceptually-based [KYKL14]. Perceptually-Driven [GH97, Red96]. Perceptually-motivated [DER$^{+}$10, TDMS14].

Perfect [CJC$^{+}$09, HKA15, RRP15, WBEF97]. Perfecto [MHHH15]. Performance [ABW$^{+}$15, ASB$^{+}$17, BS19, BAA$^{+}$16, Bel87, CGG$^{+}$03a, CGG$^{+}$03b, Den86, DBB$^{+}$18, FHW$^{+}$11, GKB$^{+}$11, HE01, HV10, LK17, LCP$^{+}$12, LS15, MSH$^{+}$92, MR308, NAS0, PGSS07, Ros13, SMM13, SMP13, VHB16, WLI$^{+}$12]. Performance-Based [LK17]. Performance-Driven [BS19].

Performances [LWS$^{+}$13]. Performative [PMG13]. Performer [ACC15].

PER [ABD10]. Persistence [CCSG$^{+}$09, Ede06, GSW12, WG09]. Persistent [DLL$^{+}$10, RL15, RL16, Kur15]. Person [CCC$^{+}$14].

[Gre85, Mor86, PZDD19, RGM$^{+}$18, SG97, vdCvW17]. Personalised [KQWM08]. Personalized [MR15]. Persons [LJL$^{+}$18]. Perspective [AS95, IHE$^{+}$14, KL03, SSK16, YMS10, BRM$^{+}$16a, LTK12]. Perspectives [BCB16]. Pertinent [Cal96]. Perturbation [Day90]. PET [DHS$^{+}$13].

PET/CT [DHS$^{+}$13]. Peucker [VW90]. PEX [WT93]. Phase [ATO17, HJS$^{+}$17, PSP10, PNVS17, RGG18, MMS09, SR19]. Phase-Based [PNVS17].

[BR07, BPMG04, BP19, CG07a, DGGK11, DGA04, GMW04, GPGB11, H11, KR11, KB01, PKS11, KH92, GP06].

phenomenological [WJG$^{+}$16]. Phenotyping [HPvU$^{+}$16]. PHIFI [AM92].

PHIGS [AE86, AHR85, AM92, Bak90, Bak91b, BBMR88, Fre90, HM91, Hew84b, How89, How90, Kra89, Pat89, PNR89, WT93, WH89]. Philipp [Aus07b]. PHOG [BCGS13]. Phoneme [DN08]. Phoneme-Level [DN08].

Phong [KB89, OT11, PA06]. Phosphorescent [NSR17]. Photo [BVP$^{+}$99, CS93, GKB12, GCZ$^{+}$12, GLGW12, IRWM17, JBS$^{+}$06, KLW12, LMS04, LTK12, LCWC10, Pur03a, Pur03b, QNTN03a, QNTN03b, RHL12, RMS$^{+}$08, ZH12, YGCO$^{+}$14]. Photo-Realistic [QNTN03a, QNTN03b, CS93, Pur03a, Pur03b, RMS$^{+}$08]. Photoelasticity [BES15].

Photograph [Ano97-41, DSY10, RGM$^{+}$18, XZP$^{+}$13, XDR11, ZCC14]. Photographic [EHW$^{+}$13, NK99, SLKL14].

Photographs [ELS08, LGMT00, LP15, MZT09, WMTG05, YKM12, DPT$^{+}$08].
Photography
[ABD10, AVR10, AAB09, BAAR13, CG16b, EWK+13, FO12, GTM+12, GLCC18, HKW12, LE13, MP12b, MKV09, PK10, SD09, SSCO09, PCF05].

Photometric [BCGS13, GHH01, SSB+14, ZLSW17].

Photon [BG10b, CWY11, FD09, FSES14, GUS12, GPGSK18, GG14, HCJ13, HHS05, HHK+07, HP02, HGNH17, JRJ11, JZJ08b, SSO08, SJ09a, SJ13b, SJL15, WGS04, WG12, YWC+10]. Photon-driven [BGB08b]. Photons [Duc14]. Photorealism [CLF+03a, GSA03b, MTF03b]. Photorealistic [ABG+12, CYY+11, CMH+01, FCH+06, HS99, JCW11, KBG+15, LB06, LMPD15, MSK06, USK11, VCC+11, WT11, YKM12, DWE03b, DBHM03a, HD03b, KQWM08, MDWK08, SFWS03a, SP03b, SSJ+10, WNS+10, XLP03b, XJ+08, XCDR10, YLK08, BJ94].

Photos [CSC+18, GKB12, LTK12, MJH+17]. Photosimulation [Bou90, NN89].

Photovoltaic [ABW+15]. Physical [ABW+15, BS19, DPD+15, Fuc04, IIS09, KBHM15, KBB+17, LLC+12, LMK+15, OTH02, SW04a, ESP92].

Physically [AFHdL14, BKY+16, BPMG04, CS00, CIPT14, DO00, FL06, GCGP18, HKW09, HNJ+14, HE94, LW94, LG96, LLA06, Lew94, LTH08, MWN+17, ME98, MSHD15, NBH18a, NKM+06, OW91, PD MJ14, PBP96, Sch94b, SHP+19, TSK14, UWP06, WKBB18, WW11, WWD15, MBS14, KK18].

Physically-Based [BPMG04, CS00, LG96, LLA06, PD MJ14, PBP96, Sch94b, AFHdL14, CIPT14, GCGP18, HNJ+14, LTH08, TSK14, KK18]. Physics [ARB+18, Bou90, GP12, HMLP13, LNS05, LCCC13, MAA+09, Ter02, ZDM+14, dhvPJ14, HNJ+14]. Physics-Based [ZDM+14, dhvPJ14, ARB+18, LNS05, LCCC13, HNJ+14].


Pictorial [DOS93, RHL12, vTV84]. Picture [Ary84, Chr86, Fah85, GKB12, Gos89, KPIAS01, SK86, SS91, USSK11, WH91, WT09, YLK08]. Pictures [Bij87, BBDM85, OAIS09, WM85]. PICTuReVis [vdCvW17]. Pie [SK16b].

Picture [PEP+11a]. Pieces [SP13, YCXW17]. Piecewise [BV96, BdM14, CFGL16, Fin05, GSC18, Li07, MMP16, NW01, NBHN17, Szy11, SBL12].


Pixel [BJC003a, BJCO03b, Bel87, CZGF05, DFCY14, HK09c, IGMK+16, JMD15, KCL+18, KLC+15, KYC16, LKC08, MCO97, Mil84, OJS+11, PO85, SW04b, TP18, YIC+12, PWC+09, KLC+15]. Pixel-Accurate [HK09c].


Pixel-Precise [TPB18]. Pixels [EMA+13, MS13, PK10, Síl97, TM13].

PixelSNE [KCL+18]. Placement [BWRT96, CJ90, FCOL00, KFR18, Pic86b, SE04, Váz07]. Plagiarism
[RPSF15].  **Plan** [CY89].  **Plan-I** [CY89].  **Planar** [BV09, BPY16, BdM14, CG17, Day88, DSL15, HCW17, HBA12, LVT08, ND06, NC16, OLA16, SP13, SBC16, SSSL14, SBCBG11b, WBCG09a, ZSW10a, vKvLV13, MMP16].

**Planarization** [POG13].  **Plane** [AMAM13, HHD03a, HHD03b, LCM+06, Szy91a, Szy91c, VMTS10, vKvLV11].  **Planets** [DGGK11].  **Planned** [LLSS03a, LLSS03b, TBW+11].  **Planner** [HMP+12, Lam09a].  **Planning** [AGR19, BSK+17, CWKS00, CY14, GSHN94, HMP+12, Joo86, KAAT03a, KAAT03b, KKSS15, LSR17, MP10, SMS+17, WBFvL17, ZV09, vT84].

**Plans** [GC96, WKS+14].  **Plant** [BR97, SFS05, YHL+16].  **Plants** [HBDP17, LD98, WC16].  **Plaque** [GOH+10].  **Plasma** [BR07].  **Plastic** [ZLKW13].  **Plate** [GLW96, SHPS08, WW98].  **plates** [Lei94].  **platform** [EFGS96].

**Platforms** [BAA+16, JSH+13].  **Plausible** [CCM16, ED08, GVS+15, Lew94, WW11].  **Playing** [WLSG03].  **Plays** [ODS18].  **Plenoptic** [GL10b, WILH11].  **Plot** [BFG+17, MHDG11].  **Plots** [AKMM11, GKL17, GRPF16, KARC15, KZZM12, LAE+12, RSSL17, SML17, TWD+13, WZL+12].  ** PLUS** [Bak90, Bak91b].  **Poetry** [ARLC+13].

**Point** [AKP+05, AA06, AP10b, AMT+12, AW13, BSW+12, BSJ08, B Ts+17a, BTP13, BM12, BM16, BB12b, CCLN10, CG12, CAB18, DKL10, DGQ+12, DMSL11, DvKSW12, DBG99, FHHJ18, GCSA13, GBKG04, GP04, GBP05, GGG08, GGG10, HKM18, HCD18, HMB08, JWB+06, JK13, JFS09, KS11, KS12a, Kei04, KZ04, KMJE12, KB00, KTO11, KJT14, LA13, Lar10, LKC08, LCG10, LSW09, LGW18, MEMO14, MW11, MBR+13, MC17, MAM14, MMG06, MLL+18, OGG09, PCBS16, PKG03a, PKG03b, Pe91b, QCW+18, RPZ02, RL14, RL09, RDK13, RÖG17, RÖPG18, SYM10, SSS17, SWK07, SSW14b, SY12b, SML13, SW08, TOZ+11, VB108, VMG09, WYZC13, WHB+13, WXL+13, WMB15, WXR+16, WSG05, WK04, WDR09, WXW18, YGJ+14, YLX+16, ZQK04, ZCBK12, AS00, CATM09, DCV14, Kur15, NGM14, SKC01].  **Point-and-Swipe** [LCG10].  **Point-Based** [BSJ08, BB12b, GBP05, HMB08, Kei04, KTO11, WMB15, GBKG04, GBP04, WK04, NGM14].  **Point-Cloud** [RDK13, SWK07, SHS13].  **Point-Folding** [ZCBK12].  **Point-in-Polygon** [JFS09].  **Point-Light-Based** [DKL10].  **Point-Sampled** [AKP+05, AP10b, PKG03a, PKG03b, WSG05].  **Pointcloud** [MAM14].  **Pointerless** [LMP+10].  **Pointillism** [WTLL13].  **PointProNets** [RÖPG18].  **Points** [AKP+05, AR95, BG08, COO15, CCFM08, CCM16, CFW+09, DHvos00, EMA+13, EB05, FDL14, FS91, Gro01, GBP05, GGG08, GST14, GTG17, HTG14, HH98, LLY09, LS16, MS13, Nas03, OM13, SPOK95, SSW14b, TIS+95, TM13, WRS+13, WSG05, WDR09, ZL05, ZSW+10b, vKvLV11].

**Pointsets** [MDD+10].  **Pointwise** [FS08, RMC17].  **Poisson** [LS0a, EMP+12, HLL+12, Kas15, LD08a, WMRSF15, Yuk15].  **Poisson-Based** [LS0a].  **Poisson-Disk** [EMP+12].  **Poitiers** [Ano97-29, BH96].  **Polar** [CLCL11, MR12, SY+13].  **Polycube** [CLS16, CAS+19, FBL16, GSZ11].  **Polycube-based** [CAS+19].
PolyCube-Map [FBL16]. Polygon [CY89, DBK11, GP87, HKA15, HL02, JFS09, ML91, Red96, SS00, TP88, TP89, WC05, Rap92]. Polygonal [BB00b, BG01, Bon88, CK10a, CK10b, CFFP84, CCI08, CG17, HS04, HBK02, KVL99, MS01, MCM+12, Mat85, MRD12, MR12, MEKM17, SFPF15, SB99b, VC04, WF97, WB01, WDZ17, YMM10, YI10]. Polygonization [AG01, HJ99]. polygonizations [AGH+93]. Polygonized [OB01]. Polygons [And89, ANF97a, ANF97b, HKA15, KP15, KP87, ML91, RRP15, Ric87b, Rok97, RR94, Sil97, YR97, ZJC13]. Polyhedra [ANF97a, ANF97b, BG01, EL01, JA95, KP87, NAB86, RR96, RK94, Sug94, SN84, WB07, BR96, MLP92, MVPG11, Sk96]. Polyhedral [CKM+99, KFA+14, KT97, MKB+08, OPC96, STK02, Vax12, Vax14]. Polyhedron [SN86, HMRSK92]. Polylines [Mat85]. Polymers [AAS+16, RPK+12]. Polynomial [Fiu95, HM83, HHH12, Li07, MS13, MRS18, NBHN17, PPL13]. Polynomials [DVPSH14, FB94, SHD16]. Polytopes [AGJ12, HS94, HS08]. PolyVector [DVPSH14].
Prediction [BPFG11, CH11, FKW16, HJM+11, MG95, RCMM+16, SSSB07, TsSDK13, WO94, ZCL18]. Predictions
[CD18, LMK+15, RG19]. Predictive
[CMF18, DAP08, HENFYS16, HBRW+12, LB06, LNS05, LGH+17, OVB+15, PPD07, SKZ11, SO10, WW09a, HNJ+14]. Predictors [VS10]. Preeminent
[Hec01]. Preface [FG98]. Preferences [KLK17]. Prefiltering
[Lin85]. Premixed
[OLF+14]. PREMO [DDtR94, WHR97]. Preparation
[Kle06]. Preparatory
[RAP08, ZLDM16]. Prepress
[DDPL00]. Preprocessing
[WBP98]. Prescribed [BKB+12, GLK16]. Prescription
[BCGB08, vdCAvW14]. Presence [JZJ08a, TSK14]. Presentations
[Ano98v, Col05, Coo05, Des04, Dut04, Ede06, Fuc04, Han05, Kle06, KH96, KLM17, Sta06]. Preservation
[LPG10, NO17, NMR+18, PK08, RHC08, SHB07, TRS03a, TRS03b, VPP+04, VRBC17, ZR13]. Preserve
[JKL18]. Preserving
[APP10, BK05a, BHSU10a, CLDD09, CLME09, CL03a, CL03b, CWM19, DGP17, DCK13, DGQ+12, GVWD06, GUK+17, HJM+11, HTG14, HWC+05, xHMC09, JH12, JLLK16, KMD+17, LDB11, MK05, ÖGG09, SYM10, SVG+08, TE99, Thü01, UFK13, WYZC13, WCT+15, WZL+17, Wil87a, WSSC11, WK+09, WPW+11, WYSC18, YLL15, ZCHM09, ZFCO+11, ZHY+13, ZFJ+16, ZK08, AVBC18, BYB09, EK14, SSGM17]. Presorting
[EBGM12]. Pressing
[CWA+08]. Pressure
[ATW15, Pud94]. Prevents
[SAAB11]. Preview
[LLD12]. Primal
[IEGT17, SW05, UKCB15, WIFD13]. Primal-Dual
[IEGT17]. primal/dual
[WIFD13]. Primer
[Ed06]. Primitive
[BLV+10, BP83a, CZY11, HR87, IK01a, LPK13, ND94, SDK90, SM86]. Primitives
[GGP+13, Gro01, KZB19, SBCBG11a, BR96]. Principal
[AM00, HZRS18, TWC+09]. principle [MNR94]. Principles
[Ara94, May99, May00, VBB+06]. Print [VGB+14b]. Printable
[BSL+17, ZKWG16]. Printed [XCDR10]. printers [RCM+14]. Printing
[ADMAS18, DDU+02, HLL14, MKO+00, MOT99, PPW18, RCM+14, RLYL14, WCT+15, WZK16]. prints [HL14, LEM+17]. Prior [vKTS+11]. Priority
[AE86, JD98, KKS+17, MF00, MGAF95]. Priority-Driven [MF00]. Priors
[PRQ+17]. PRIP [VL93]. PRIP-a [VL93]. Prism
[CC08, SJ13c]. Prism-Free
[CC08]. Prisms
[HHJG15]. Privacy
[CWM19, DCK13]. Privacy-Preserving
[DCK13]. Prize
[Ano97-41]. Proactive
[But94, LCM+18]. ProactiveCrowd
[LCM+18]. Probabilistic
[AGR19, BELD13, BLD14b, DPD+17, HJS+17, PPH12, PRDD15, PWH11, RLH15, SHM10, SS15b, VLV+04, Lie17]. Probably
[KL15]. Probe
[BMS+10, CCC08]. Probe-Based
[BMS+10]. Probes
[CLG+18, MJK17, MS16]. ProbExplorer
[SMH10]. Problem
[BMS+10, GW07, Zac89, HR88]. Problematics
[MTT89]. Problems
[Den03a, Den03b, Mac94, OZ09, SPS94, VW91]. ProcDef
[ITYI09]. Procedural
[BŠMM11, BWK14, BKD+17, BP13, BD04, DGGK11, DG97, DBLW15, EPCV15, GMM15, GPMG10, GPGB11, GS09, GKH14, GD10, GKM17].
GDG12, GPG+16, HWA+10, HSS17, Hua17, IMIM08, IMAW15, KWM15, KKS+12, KS18, KPK10, KK11a, KMK12, KBK13, LLC+10a, LLD12, LLM+17, LSWW11, LZZB17, NGDA16, NBA18, PGM09b, RJT18, SS08, SPS95, STBB14, SBM+10, SPK+14, VKW+12, WCGG18, WC16, XM15, YB18, YKH+09, GDGP16, LSN+14, DCNP14, JPCC14, LSN+14, MVLS14, SKK+14b, SKK+14a.

Procedurally [JBL+06]. Procedure [MK06, YF85].
proceeding [HHS89]. proceedings [ACM80, BH96, BJ94, DJ88, Enc81, HP95, HK94, PB95, PS96b, Req86, SvZ95, TT95b, TB84, Van80, Van85, WG82, thH83a, Ano96s].

Procedurally [JBL+06]. Procedure [MK06, YF85].
proceeding [HHS89]. proceedings [ACM80, BH96, BJ94, DJ88, Enc81, HP95, HK94, PB95, PS96b, Req86, SvZ95, TT95b, TB84, Van80, Van85, WG82, thH83a, Ano96s].

Proceudrally [JBL+06]. Procedurally [MK06, YF85].
proceeding [HHS89]. proceedings [ACM80, BH96, BJ94, DJ88, Enc81, HP95, HK94, PB95, PS96b, Req86, SvZ95, TT95b, TB84, Van80, Van85, WG82, thH83a, Ano96s].

Proceudrally [JBL+06]. Procedurally [MK06, YF85].
proceeding [HHS89]. proceedings [ACM80, BH96, BJ94, DJ88, Enc81, HP95, HK94, PB95, PS96b, Req86, SvZ95, TT95b, TB84, Van80, Van85, WG82, thH83a, Ano96s].

Proceudrally [JBL+06]. Procedurally [MK06, YF85].
proceeding [HHS89]. proceedings [ACM80, BH96, BJ94, DJ88, Enc81, HP95, HK94, PB95, PS96b, Req86, SvZ95, TT95b, TB84, Van80, Van85, WG82, thH83a, Ano96s].

Proceudrally [JBL+06]. Procedurally [MK06, YF85].
proceeding [HHS89]. proceedings [ACM80, BH96, BJ94, DJ88, Enc81, HP95, HK94, PB95, PS96b, Req86, SvZ95, TT95b, TB84, Van80, Van85, WG82, thH83a, Ano96s].

Proceudrally [JBL+06]. Procedurally [MK06, YF85].
proceeding [HHS89]. proceedings [ACM80, BH96, BJ94, DJ88, Enc81, HP95, HK94, PB95, PS96b, Req86, SvZ95, TT95b, TB84, Van80, Van85, WG82, thH83a, Ano96s].

Proceudrally [JBL+06]. Procedurally [MK06, YF85].
proceeding [HHS89]. proceedings [ACM80, BH96, BJ94, DJ88, Enc81, HP95, HK94, PB95, PS96b, Req86, SvZ95, TT95b, TB84, Van80, Van85, WG82, thH83a, Ano96s].

Proceudrally [JBL+06]. Procedurally [MK06, YF85].
proceeding [HHS89]. proceedings [ACM80, BH96, BJ94, DJ88, Enc81, HP95, HK94, PB95, PS96b, Req86, SvZ95, TT95b, TB84, Van80, Van85, WG82, thH83a, Ano96s].

Proceudrally [JBL+06]. Procedurally [MK06, YF85].
proceeding [HHS89]. proceedings [ACM80, BH96, BJ94, DJ88, Enc81, HP95, HK94, PB95, PS96b, Req86, SvZ95, TT95b, TB84, Van80, Van85, WG82, thH83a, Ano96s].

Proceudrally [JBL+06]. Procedurally [MK06, YF85].
proceeding [HHS89]. proceedings [ACM80, BH96, BJ94, DJ88, Enc81, HP95, HK94, PB95, PS96b, Req86, SvZ95, TT95b, TB84, Van80, Van85, WG82, thH83a, Ano96s].

Proceudrally [JBL+06]. Procedurally [MK06, YF85].
proceeding [HHS89]. proceedings [ACM80, BH96, BJ94, DJ88, Enc81, HP95, HK94, PB95, PS96b, Req86, SvZ95, TT95b, TB84, Van80, Van85, WG82, thH83a, Ano96s].

Proceudrally [JBL+06]. Procedurally [MK06, YF85].
proceeding [HHS89]. proceedings [ACM80, BH96, BJ94, DJ88, Enc81, HP95, HK94, PB95, PS96b, Req86, SvZ95, TT95b, TB84, Van80, Van85, WG82, thH83a, Ano96s].

Proceudrally [JBL+06]. Procedurally [MK06, YF85].
proceeding [HHS89]. proceedings [ACM80, BH96, BJ94, DJ88, Enc81, HP95, HK94, PB95, PS96b, Req86, SvZ95, TT95b, TB84, Van80, Van85, WG82, thH83a, Ano96s].
NNDJ12, PJ94, PHK+10, PT03, VCP09, WG12, WDGT01, BP93. Project [vL90, Lev99, Mil83]. Projected [FL19, MMF10, MFL13, UG18].

**Projection** [Ake11, AASB14, BDF+14, BBIG17, BES00, CS98a, DGP17, DMKP07, DBS+11, GL12, GI18, HHGJ15, KSCN19, Kun04, LT16, LGM+18b, MW11, MMFE08, MHG00, PEP+11a, RLH+17b, SCCN11, SPT14, TON+02, TIK17, WYY13, DRBR09, WG93].

**Projection-Based** [BDF+14, DMKP07].

**Projections** [BDS+12, CZGF05, GTS86, HCW17, JPN15, KLD+09, LZL+15, LMLG15, LWT+15, LBJ+16, MFNP13, MFL13, PCX+18, PEP+11b, PEPM12, SGCH94, TLRB18, WG11].

**Projective** [BDF+14, DMKP07].

**Projector** [BIWG08, SM10, SM11].

**Projector-Camera** [BIWG08].

**Projectors** [KK08, MS08, MRT08].

**Prolog** [CJ90, HM86, Mil88b, Mil88a].

**Propagation** [BHW11, EIKM16, IEK+14, IEKM16, LJH10, MMRO13, VPLL08, XWT+09, VD18, HB94].

**Properties** [BMD+08, BM16, BJG+15, CDPS09, DGV08, EZK08, GKS08, GOKM18, IGAIJG15, JKL10, MG05, OS08, RWP88, SLH+18, VVP+16].

**Proportion** [CEX+18].

**Proposal** [MA85, Mil88b, Ste84].

**Proposals** [AHR84].

**Provably** [MB08, SOG09].

**Provenance** [SASF11, SLSG16, DMS14].

**proxies** [BLD14b].

**Proximal** [HRD+15].

**Proximity** [EL01, LKB14, LMA+18, MRS08, MRS12, TCLK12].

**Proximity-Based** [LBL14].

**Proxy** [LCD09b, RKR+16].

**Proxy-guided** [RKR+16].

**Pruning** [NPDD11].

**Pseudo** [DH14, MTK02, SSK93].

**Pseudo-satellite** [SSK93].

**Pseudo-Spline** [DH14].

**Psychology** [TX16].

**Psychophysical** [BLD+09].

**Psychovisual** [DDV+02].

**Publisher** [ANO13d].

**Pulmonary** [KPG+16].

**Purkinje** [ARM+15].

**Purpose** [COc83, HLJ+13, OLG+07, Pil85].

**Putting** [SSA+08].

**Puzzle** [GTZM10].

**Puzzle-like** [GTZM10].

**Puzzles** [LRB+16, YLK08].

**Pyramid** [Dan06, SL08].

**Pyramid-Based** [SL08].

**Pyramidal** [GGW98, KS07].

**Pyramids** [And12].

**QEM** [YFWR11].

**QR** [LLC13].

**Quad** [BLP+13, BL18, CK14, EGKT08, HW91, LAD02, LZX+08, MK06, MTAD08, MNP08, NSY09, PP11, PW13, PPM+16, PD04, RRP15, SLE18, SL03, ZSW10a, LDB07, TPC+10].

**Quad-based** [SLE18].

**Quad-Dominant** [MK06, PP11, PW13, ZSW10a].

**Quad-encoding** [HW91].

**Quad-Mesh** [BLP+13].

**Quad/Triangle** [SL03, LDB07].

**QuadCover** [KNP07].

**Quadgraph** [Par86].

**Quadrangulation** [HZN+18, MPP+13, TPSHI4a].

**Quadrant** [Arn08].

**Quadratic** [DCY19, GCW15, KKBL15, KPS95, ZLM+15].

**Quadratures** [MBB19].

**Quadric** [FG04, RvBWR04].

**Quadrics** [LTB19, VHB08].

**QuadriFlow** [HZN+18].

**Quadrilateral** [BLK11, Cam17, DSC09b, DSC09a, Kob96, LMB05, MYLZ16].
Quadrilateral-only [DSC09b]. Quadrupeds [SRH+09]. Quads [HKA15, KP15, RRP15]. Quadtree [CFFP84, PG94]. Quadtrees [MA91]. Qualitative [ARH12, BBL12, CBK+17, ER18, NLB+13]. Quality [BBK+18, BBDHM85, BU10a, CSo09, Cs618, DBS+18, DW13, EHH+13, FAVM09, GHX+17, GBP07, GMSK09, HK09a, HMs09, HCA+12, JC10, JWC+11, JCO8, KZ08, Kl06, Lav11, LWZ+09, LLX+11, Lso97, LD97, MS11a, MTM12, MHC00, NS01, PHE+11, RW08, RPZ02, REH+11, SBE16b, SSO+10, SA15, STM93, SL01, SGYF11, SDK+15, Sko05, TSP16, TAEE16, ÜFE16, WZK16, ZISS04, ZBW11, BAl11, BEM11, DDM03, WXL+13]. Quantification [MMNG17, SMB+17]. Quantitative [ARH12, AKV15, ER18, RSM+16, SLB+18, YYL+16, KGGP18]. Quantization [BM15, BFH+98, DMAC03b, FDL14, GMG15, HFM10, LJD13, MBJ+15, PGSD13, RTN03b, CFM93]. Quantized [BB12b, hKAC07, LJB+12, VKJ+17]. Quantizing [CCC17]. Quasi [EMK09, GAM17, JKS05, NR95, SKFNC97, TPBC09, KBB+13]. Quasi-Affine [NR95]. Quasi-Developable [JKS05, TPBC09]. quasi-harmonic [KBB+13]. Quasi-interpolation [EMK09]. Quasi-Monte [GAM17, SKFNC97]. Quasiconformal [WMZ12]. Quaternion [Kim15]. Quaternions [McD10]. Queries [AEWQ+15, BWPP04, EL01, LMM10, LPK13, MRS08, MRS12]. Query [MW18a, MHHH15, Déc05]. Querying [LJH13, Sal96]. Queuing [KKS+17]. Quick [DKN+95]. Quicksens [Str83]. Quotient [OMPG13].

r [FR92, Pri85]. R&D [tHS90]. r-sets [FR92]. Racing [GC09]. Radial [AR95, BK05b, DBS+11, GL12, IYS+13, LWP+04, MG11, RCO1, RSL17, SMG10, FS08]. Radiance [GKB09, HMs09, HP02, JZJ08b, MSW04, PLP07, SNRS12]. Radiance-Cache [HMs09]. Radiative [LF00]. Radiofrequency [RWS+10]. Radiometric [LP15, LG+18b]. Radiosity [Am099m, AM95, CSN04, CAH00, DHO4, FP94, GH97, GSA03a, GSA03b, HDSD09, Hec92, HS98, KSS97, MPT98, MSSK08, MB99, MCL96, MFB00, NNB97, NSW09, ORDP96, PB94, PJ94, SBE97, SSS02, SGCH94, SIP07, Sha97, SSS97, SSS98, SKFNC97, YP95, BF93, GH96, LBT92, NS93, NN93, OCL96]. Radiotherapy [CWKS00, RCMM+16]. Radix [HK09]. Rain [DTA94].

Raman [SPB+17]. Randi [Cal07]. Random [Coq85, CH09, ERA+16, KLC06, LR88, SBe97, SB13, SR14, SKCA01, ZFE16]. Random-access [ZFE16]. Randomized [TWJ06, JCT14]. Range [AGDJ09, BDA+09, CZ90, CKL14, CACB18, GPRS14, HL03a, HL03b, Kl08, KMS05, LPK09, MBRH18, MKV09, SHG+16, WO02, YMM06, EMU17, PFC+05, RR96]. Range-Space [AGDJ09]. Rank [DDKL09, KHK12, LZX+15, LZF18, SJF11, ZF+16]. Rank-1 [DDKL09]. Ranked [MGS07]. RANSAC [LWL+16a, SWK07]. Rao [SKMS18]. Rapid [GD01, KGL+98, LJB13, NS01, RPLH11]. Raster [AO86, AO87, AEL+82, HHA82, Lin85, Pil85, Rie87b, RM89, SK86, SF83,
Rasterisation [LCD10]. Rasterization [AMTMH12, LCD09a, MS11a, MS13, MBGS01, MTAM12]. Rasterized [ND12]. rasterizing [van87]. Rasterisation [LCD10]. Rasterization [AMTMH12, LCD09a, MS11a, MS13, MBGS01, MTAM12]. Rasterized [ND12]. rasterizing [van87]. Rate [DBS +18, OBGB11, SBO18, VB14a, DER +10]. Rate-distortion [VB14a]. Rates [IHS02, PMDS06]. Rating [KM16]. Rational [DF90, JW95, KMTT92]. Rationalisation [ZCBK12]. Raw [DMSL11, GCSA13, GKM18, MDD +10, WXW18, MK08]. Ray [Áfr12, ÁSK14, BAAM17, Bou88, BBDM85, BLW11, CRGZ10, CDP95, CC13, CLF +03a, CLF +03b, CDG +07, CWBV86, DHK08, DKY16, EBR +14, FKE13, FQK08, FM04, Gar09, GL10a, GA93, GPP +10, GAM17, GHB15, GFW +06, HSS +05, HH11, HB00, HHK +07, HMRSK92, HHH12, IHI1, JK +16, JKK +18, KZ08, KBS11a, KSN08, KH95, KBK +10, KH +09, KWN +14, KSS +15, Kuz94, LD08c, LD08b, LK10, LeYTM08, MW11, MHA17, MFS08, MBJ +15, MJL +13, MTF03a, MTF03b, Mun14, NM14, NNB97, NB15, NG97, OT11, PBPP11, PJ94, PGKS17, PGSS07, PSH15, RS08, RA94, RDG01, She99, SSK07, SD94b, Spe91, SC95, SKALP05, TWF89, TsdSk13, UH92, VF16, VHB16, WSBW01, WMG +09, WRK +16, WSE04, YXM13, ZSP98, ZBP99, ES94, Ger92, KJ92, MDC93, MSH +92]. Ray-bundle [TSdSK13]. Ray-Cast [LK10]. Ray-Casted [CDG +07, FKE13]. Ray-Casting [FQK08, HSS +05, KZ08, KSN08, RS08]. Ray-generators [ES94]. Ray-Tracing [BBDM85, CDP95, HH11, SC95, SKALP05, NG97, PJ94]. Raycasting [BES15, Fre18, Frü94, LCD09b, RSTK08]. Rays [DHK08, GGW98, IH11, KPD10, Sm92, HRRR18]. Raytracing [AKP +05, GPP +10, LCD10, MW06]. RBF [KWN +14]. Re [HS99, LWW +16b, RGW05, SFSS06, VW90, ZHD18, TAAP +16]. Re-coloring [RGW05]. Re-Composable [LWL +16b]. Re-evaluation [VW90]. re-positioning [TAAP +16]. Re-Using [HS99]. Re-Weighting [ZHD18]. Reaching [KAAT03a, KAAT03b]. Reactions [LPSV14]. Reactive [HSH16, NG03a, NG03b, PPD07]. Readability [APP10]. Reading [MRL +17, OA14]. Ready [HBLB17]. Real [ATK17, AHT04, AMT +12, BSW10, BPA16, BH11, BM15, BK05b, BBP08, BLW11, BNC96, BNOa, BNH10, BN12, CP88, CRC +15, CLH +08, CWK07, CC13, CMT02, CMT05, DER +10, DRS08, FD09, FR00, GO10, GMAG15, GS09, GBP05, GJW08, HSS +05, HL01, HS04, HREB11, HR10, HK00, HKS18, IGMA +16, IK01b, ISYM15, IFDN12, JKL50, JKL13, JSLW14, JZYP18, KMHG13, KSCN19, KMB +17, KL08, KK14, KC08, KMN +08, LD04, LDdLRB16, LMP13, LKEP14, LKC08, LE13, LCC +17, LCP +12, LDGN15, LO95, LLD10, LJJ13, M19, MO10, MRM +18, Mai00, MW11, MBM13, MBJ +15, MSW04, MC10b, MPBM +17, NK99, NB94, NKL10, NS09, NG03a, NG03b, NKF +16, NS09, OT11, PDP +15, PBK10, PD04, PP89, Pud94, RZLG08, RN06, RIJ +09, RH06, RHL12, RSK08, RD05, SSSK04a, SW08a, SWP11]. Real
Real-Time [AMT+12, BSW10, BPA16, BM15, BK05b, BLW11, BN08a, CLH+08, CWK07, CMT05, DR08, FR00, GO10, GMAG15, GS09, GBP05, GJW08, HSS+05, HL01, HR10, HK00, IGK+16, ISYM15, JKL13, JZYP18, KMHG13, KMB+17, KK14, LdL16, LMP13, LKFP14, LK08, LCP+12, LG08, L14, MC10b, ME98, NIDN16, NKF16, OT11, P08, PD04, RL06, R11, RD05, SYM+12, SBD15a, SDB17, SDB97, SDHD17, TST+15, TLC02, UT02, VWH18, WS03a, WS03b, WWH+10, WMB15, WRK+16, WRS01, WWH+14, XGL+07, XLL+10, XWZB17, YWB03, YHGT10, YCL+17, YMMS06, YWY10, ZZT15, ZFE16, ZM16, ZCP+07, hZC98, ZRJ+15, BCF+05, DR09, HN+14, HGW92, Kni93, Lam09a, MC02, R14, SKSK07, WJG16, XGL+07, XLL+10, XWZB17, YWB03, YHGT10, ZZT15, ATK17, AHT04, BNC96, BN16, CRC+15, CCH13, CMT02, DER+10, HS04, HSK+18, IK01b, IFDN12, JSLW14, KE08, KCO8, LCC+17, LO95, LJ+13, MRM+18, MS04, NKLN10, RZG08, RSN08, SSS04a, SL07].

Real-world [PDP+15, YMMS06]. Realism [BK+17, Bro99, LCC+18, TSP05]. Realistic [AM02a, ARB+18, ACV+14, BCF+05, BNH+16, BPMG04, BH10, BN12, Cal96, DKh+14, GMM15, GLHH13, Hau05, HGW92, HCA+12, JBB+08, JRJ11, KÖS+15, LJK+12, MCG+10a, MMG18, Mc01, ME98, ND16, Neb00, NDD+14, PMD06, QTN03a, QTN03b, RBG08, RSTK08, SHSK16, SKZ11, TF+03a, TFK+03b, WWT+16, W11, XLTP03a, XLTP03b, XLL+10, ZCT18, ZHK15, CS93, HD14a, Pur03a, Pur03b, RS09, Vo93].

Realities [Ano98w]. Reality [AKB+95, AJL+11, BCW10, BES00, BW96, BSaL13, CKE+12, Fuc97, GTB+13, Haa96, JL06, KKK18, M16b, MJ11, PTW13, RGSK10, SS96a, SP13, SYC10, SG66b, SG97, TLG99, WCB+95, YJD+18, ZAR06, KBG+15, MG96, MC02].

Realizing [Bro95, VCF95]. Really [CAH90]. Realtime [BS19, CPZ+15, DSW09, KKB13, XWB15, YLH12]. Reanimating [BBPV03a, BBPV03b]. Rear [CSC+18]. Rearrangeable [YIC+12].

Reasoning [Duk95, KNH+18, MCH94, SR19]. Rebalance [XLL+10]. Recall [SSB15]. Recognition [DLGY12, EBC99, SBG17, SRG16, ZDJ16].

Recognition-Difficulty-Aware [ZDJ16]. Recoloring [HZMH14, HWL18, KKL16a, NPCB17]. Recolourization [DRA10].

Recombination [JTRS12]. Recommendation [WLL+17].

Recommendations [CIWM11, GOB+10, RAMG15]. Reconstruct [KSS97].

Reconstructability [JWC+11]. Reconstructed [LCM+09, SPOK95].

Reconstructing
[BSCH18, DPT+08, DZM08, LFGG08, MPS08, MB08, RK10, SWG08, WL08].

Reconstruction
[AKSA09, AAK+09, AIAT12, AS96b, AGDJ08, ACV+14, BV09, BPW14, BEEM15, BB00a, BCS96, BTS+17a, BTG95, BG08, BLKL11, BHGS06, BdM14, CT11, CD10, CCLN10, CWW+11, CLCL11, CCC+14, CFGL16, DLRW09, DLS10, DGQ+12, DALM10, DFY14, EMK09, ECN14, FCDA97, FAVM09, GS14, GHH01, GCSA13, GKS00, Gro16, GTS86, GMW97, GLR11, HTG14, IKL+10, IEK+14, JWB+06, JJKL18, JSLW14, KPS95, KBO+14, LPK09, LA13, LDGN15, LEE17, LBD+08, LCD10, LTX+14, LFG08, MPM+14, MB08, Men95, MC10a, MKU15, MRL10, MW16, MDD+10, MVH+14, MM16, MWA+13, NOS09, NSC14, NJGW15, NDD14, NP00, NMOT01, OM16, OPC96, ÖGG09, PM16, PK08, PPT+19, PZY08, PG08, PSDB+10, PGK10, RW16, RLH+18, RI17, RL09, RK09b, Sad09, SYM10, SDK09, SKZ13, SSD14, SXY+11, SLS+06, SBCBG11a, STC+16, SMG10].

Reconstruction [TOZ+11, VHB08, VMA+04, VMG09, WO02, WLT12, WYZC13, WXL+13, WGS10, WCM15, JSX+14, KXY+18, YWB03, YCL+17, ZL05, ZFG+17, ZHK15, ZTG+18, ZSG+18, ZJL+15, dGCSAD11, vKvLV13, AS00, BBA08, BG93, DF93, GJ02, Koc93, WG93, YGCO+14].

Recorder [WLSG03].

Recording [WLI+12, WLSG03, SBB14].

Records [RCB11].

Recovering [AAK+09, BCD+13, BEKB15, PG94, PH17].

Recovery [ACKM16, AP10b, DZCC19, Kob05, Váz17, HNJ14].

Rectangles [SK86, UFK13].

Rectification [ACOM12].

Recurrent [SBL12, YYZZ18].

Recurring [ZCOAM14].

Recursive [GO15, NW01, PN97].

Redirection [WBM+18].

Reduce [KLD+09].

Reduced [BNH+16, BG08, CZ09, CGH18, MKU15, SO12, YW18B18, ATW15].

ReduceM [LeYTM08].

Reducing [GL10b, HF16, WO94].

Reduction [LS10a, LMG+18a, LPG13, MIGMM17, PSM12, Red96, RGG15, RL15, XSE14].

Reeb [TVD09].

Reevaluating [RI17].

Referred [Ano96t].

Reference [BP14, CPP08, DP13, DGC+98, HČA+12, Pin92, PNR89].

referenced [vGPNB17].

Refinement [BS08, DLS10, DS11b, DRS08, GB05, HMB17, KT09, KP18, UKCB15, VCP09, VK18, ZWRH14, GH96].

Refinery [KRD+15].

Refining [LY10].

Refitting [VKJ+17].

Reflectance [BR97, BB12a, BCRA11, DLD12, FLBS07, FGT+16, GPK+12, GKD07, N89, NNSK99b, NNSK99a, NSRS13, PdMJ14, PR12, RSK12, Sch94c, XDR11, dFH+11, Sch94a].

Reflectances [OYH18, BSH12].

Reflected [LF97, PMS06].

Reflected-Scene [PMS06].

Reflection [EKFM12, KMG96, MS16, MMRO13, MTK002].

Reflections [LWLD11, PMS06, RH06, XWB15, YYW08].

Reflective [KRD+15].

Reflectometry [LDW+10, RPG16].

Reflectometer [MMP09].

Reforming [YWM15].

Reforming [XHC+18].

Refraction [YIC+12].

Reflectance [BS10, CRGZ10, PSM10].

Reflective [CRGZ10, DZC11, Hol15, HLL07, IDN03a, IDN03b, DKR+14].

Reflective [DER+10].

Region [AMSF08, EWS08, GSTOG16, Ric87b, RBC14, BM93].
Region-Fill [Ric87b]. Regional [FHHJ18, SSM12]. Regions [BK01, CFFP84, LKEP14, MRM+18, MZT09, NSY09, PKPH09, Wil87a, WO92].

Register [VH15]. Registering [CZ08, HAWG08, LSP08, SG08, SWG08, ZSCO+08]. Registration [ABCI10, BCK18, CZ08, CZ09, CCTL12, CDPS09, HAWG08, LD06, LSP08, MAM14, PR19, PB11, PD16, SM10, SM11, TST+15, TF15, XXY+18, YLLL15, YMYK14, ZST+10, PFC+05].

Regression-Based [VH15]. Regressors [CDPS09, HAWG08, LD06, LSP08, MAM14, PR19, PB11, PD16, SM10, SM11, TST+15, TF15, XXY+18, YLLL15, YMYK14, ZST+10, PFC+05].

Reinforcement [AVR10]. Reinforcement-related [CDPS09, Mud83]. Relating [HMW+15]. Relation [Dau90]. Relational [ADF85]. Relations [ASB+17, BSR+14, XDC+13]. Relationship [EASG+17, LXF+W11]. Relationships [BHR17, BSR+14, CTCL13, HRD+15, JKL18, KWD14, KGM+10, PDM12, PB90, VM12, WDM+12, YELL+09].


Removing [AKSA09, ABC11, GTK+12, JD98, KSCN19, MWS+16, SL08, SSS+12, TIK17, XXZC13, ZZLX17, vGPNB17, Hea89]. Relocating [BB17, KS13a, Pas02, WYD+13, WYKR17]. Render [SPR+94]. Render2MPEG [HKMS+08]. RenderBots [SGS+05]. Rendered [CHM+13, LCSL18, WW06]. Rendering [ARC05, AGG+08, AKF+14, ABG+12, AHTAM14, ABB+07, ACV+14, Ano07]. ABD08, BB09, BS09, BSJ08, BB09, BR07, BEEM15, BSA11, BPA16, BMD+08, BJW09, BOB13, BRM+16b, BWPP04, BM15, BNH+16, BGO2, BPO+09, BPGM04, BPGM08, BB17, BBP08, BLW11, BG07, BG09, BN08a, BNH10, BN12, BL08, BBP09, BES15, CCS95, CS99a, CJW+06, CNCO15, Cal96, CRGZ10, CSI09, CLH+08, CKB04, CSD11, CC08, CWW+11, CYY+11, CBTB16, CCI13, CMF18, CYJ02, COF95, CKM+99, CDPS09, CNS+11, CMH+01, DKH+14, DWL+09, DDKL09, DCGG11, DWR10, Dc05, DMV12, DSW09, DER+10, DWE+03b, DKN+95, DKL00, DJZ+09, DBLW15.
DC10, DFY14, DDC09, DBHM03a, DBHM03b, EWHS08, Elb99, EBR+14, ENSD12, ESDK14, ER18, EKM01, EBA+09, ESK03a, ESK03b, FCH+06, FQK08, FP04, FC10, FV14, FLJ+14, FSES14, FW99, GD16]. Rendering [Gar09, GKB09, GKB+11, GDML13, GKPS12, GMAG15, GHK+10, GCP+09, GMC+06, GKD07, GPK06, GPGSK18, GRC13, GPRS14, GGG08, GFW+06, GKT+16, GRR+16, GSM08, HK09a, HSS+05, HB96, Hal99, HS99, HD14a, HBRW+12, HL01, HDBRC17, HBRD+18, HVAPB08, HHS05, HWK+10, HKMS08, HMK+95, HH02, HHD03b, HFE13, HMB08, HREB11, HK03b, HK09c, HR10, HHRZ12, HLL07, HHD+12, IP00, IGMK16, IRWM17, IDN02, IDN03a, IDN03b, IFDN12, IMDN14, JW97, JBB+08, Jan91, JA18, JZJ08b, Jen97, JKL13, JCW11, JSYR14, JKK+18, Kon06, KDCM14, KS07, KBB13, KUMY10, KW05, KQWM08, KKR18, LW94, LMD04, LA05, LB06, LWDB10, LMP13, LVPI18, LD07, LKC08, LLY09, LE13, LLA06, LSR17, LGB+03, LC99, LLG97, LMS04]. Rendering [LMPD15, LLHY09, LBH12a, LG95, LGK97, LLD10, LCM+06, LCD09a, LCD09b, LWBP14, LA15, LKG+16, LPGL13, MEMO14, MW11, MS14, MS16, MBM13, MVZ16, MFPA15, MMFE08, MT01, MBW08, MBJ+15, MF10, MS98, MDS14, MSW04, MPS05, MSHD15, MBK+05, MHI3, ME04, MGAF95, MDWK08, MMS+05, MSK06, NIDN97, NSG11, NDG17, NPCB17, NPW10, NKF+16, NIDN97, OKP+08, OT11, OKG+10, Oli04, OP10, PHE+11, PBPP11, PLPB07, PWC+09, PPD98, PLS98, PCF05, PC12, PMDS06, PA01, Pur03a, Pur03b, QNTN03a, QNTN03b, RHS+12, RBB98, RGB+14, RS08, RKRD12, RRS12, RKR+16, RAP08, RPZ02, RZLG08, RH17a, RSK06, RSTK08, RSD+12, RPLH11, RGG+14, RBDD18, RH06, RSM+08, RMZ13, RK09a, RMS+08, Rus01, RD05, SDG99, SHSK16, SBE16a, SHLS02, SW08a, SYM+12, Sch94b, Sch88, SBF15, SPH+09, SGM+11, SKZ11]. Rendering [SRK13, SC08b, SDS+16, SHZD17, SHP+19, SLTM08, SKDM05, SPB10, SCM+09, SSKS14, SMTG07, SB99b, SFWS03a, SP03b, SGG15, Sgem16, SE02a, SE02b, SBLD03, SvlD03, SSJ+10, SKS09, TSM94, TCRS00, TM004, TP88, TDDD18, TW10, TRSKK08, TslSK13, Toki15b, UWP06, USSK11, VCRG14, VSD09, VCL+11, VSG+13, VW18, VVC+11, VBHH13, WSBW01, WS02, WW99, WWH+10, WK12b, WZKP14, WMB15, WTL15, WZL+17, WWG07, WW09a, WSR+17, WSE04, WG12, WE97, WNS+10, WWT+16, Wie96, WND+14, WQ02, WT11, WS09b, WDR11, WYKR17, XZP+13, XLTP03b, XGL+07, XJJ+08, XSE14, XWB15, XCDR10, YZW12, YDF+10, YKM12, YN00, YM06, YLK08, YW97, YMS10, YWY10, YIC+09, YIC+11, ZISS04, ZE16, ZOA+18, ZCG08, ZRJ+15, ZJL+15, BCF+05, BLS93, BJ94, CBV+14, DTKT93, DSD09, GGM12, KBG+15, KWW+01, SD10b, SKK+14b, TNK+03, WZC+11, WJG+16]. Rendering [Ano95d, Ano95c, Ano97g, Ano98h, Ano98g, Ano98i, BJ94, DS98, HP95, PS96b]. Renderings [BRM+16b, VAN+19]. RenderMan [SPS94, SPS95]. Rendition [HS99]. Reordering [BBR+16]. rep [CBV+14]. Repair [BK05a]. Repertory [HHCJ18]. Repeated [HZ11]. Reporitory [KW18]. Repetition
Reply [EASKC18]. Reply-Chain [EASKC18]. Report
[ASW14, Ano95e, Ano96b, Ano97h, Ano06e, Ano13i, Ano16l, Arb90, Arn84, Aru89, ADS90, Aus91, BBT11, Bla88, Bon85, BCD+12, Bou90, BP82, BP83b, BG85, Bro90, CP88, Cla89, Cre88, Dau90, Duc90a, Duc91, End83b, End84b, End84e, Gal84, Gre84, Heg90, Hég91, Hew90, HP84, Jan89, Jan91, KB90, Kli85, Kje91a, Kuß91, Kw89, Las84, Le 90, Lis90, Mac85, Mae90, MNP17, Mar82, MTPS08, Mum86, Mum90, MKRE16, Ott90, PH91, Ros82, Sch85, Sei88, SJ09b, Str84, Suz89, SW83, TDS+16, Vel91, Wat88, Wei08, tH83b, van98, Kid84, Ano04g, Ano07l, Ano10c, Ano11e].
Reports [Ano98y, Ano98x, Ano99j, Ano99k, Ano99l, Ano00h, Ano00i, Ano02f, Ano02g, Ano02h, Ano02i, Ano05g, Ano06g, Ano07h, Ano07i, Ano07g, Ano07j, Ano07k, Ano07l, Ano08a, Ano08e, Ano08f, Ano08d, Ano09c, Ano11a, Ano10b, Ano10d, Ano10c, Ano11c, Ano11d, Ano11e, Ano11d, Ano12e, Ano12f, Ano13f, Ano13g, Ano13h, Ano13i, AIL+11, Bar06, Bot07, BPB+04, BCRA12, BH06, CSLG10, CA05, Che06, CG07a, CDD09, DS11a, DFIM15, Des06, DHK05, DL04, DS09, Dre07, DT04, Duc06b, Duc07, FMK04, GP06, GGG+16a, HET+83, HIJ07, ID10, IC11, Kau07, Kei04, KRP+15, KSH04, Kon06, KBC+15, Kuh12, Kun04, LFD+11, LMD04, LF11, LLR+04, LLRD07, MRS06, NSG06, Neu06, Oll04, Pat16, PGM10, PS10, Pur07, Rad05, SCA04, San06, SZAB04].
Repositioning [IEH14].
Represent [PC94].
Representation
[BBK+19, BCG+96, BÖK11, BK03c, BK03d, BP01, CZCE08, CDS16, CL99, Cot05, DDPL19, DZCC19, FW17, FAC017, FLW00, Gos86, GBK04, GGG+16a, GLRR11, HVH+16, Her89, HO17, IK01a, Jes16, JA95, KRJC+11, LDB11, LJB+12, LH+13, MTK02, MG09, MMNG17, MRL0, MFL13, MRAS17, NAB86, OKP+08, OLF+14, Pat89, PG04, RL8+19, SB99a, SPOK5, SARZL10, UKCB15, WHC15, WH17b, WLZT18, XLH+13, XS06, CH12, GGM12, GDGP16, KMA05, MRM+18, WIFD13].
Representations
[AAB+96, ADF85, BFR17, CCI+07, CR16b, GA08, HMD05, Har97, HMW+15, HSVK18, Kob03a, Kob03b, Par89, SR96, Sor06, SDKG18].
Representative [JPN15, MW18b].
Representatives [SSS+12].
Represented [AS95, VS09].
Representing
[AM00, FAC017, Lie17, QSW92, RLH+17b].
Reproducible [SLSG16].
Reproducing
[AKH94, OYH18, YMM06].
Reproduction
[KK18, KMS05, NCR17, SSS00].
RepSnapping [HZZ11].
Republic [Gob96].
Resampling
[AM+17, BK01, GB10, NB15].
Rescue [BSK+17].
Research
[Arn08, Bar05, BSW+14, EHH+13, Lar10, OJMN+19, SLGS16, vLKS+11].
Researcher
[Bot07, Bru11, Eis11, Kau07].
Reservoir [Wat87].
Reshaping
[CLDD09].
Reshaping
[BB06].
Residue
[SMA18].
Resizing
[xHM09, ZHM08, ZHM09].
Resolution
[AVR10, BPMG08, DBS+18, FGT+16, GBW16, HCD18, HHHNC19].
KCL+18, LBG16, LeYO+10, LWZ+09, NDG17, NB12, PK08, PGG+09, SJB+17, SKTM11, TTN+13, VG00, WS02, WH04, WHL+04, ZLZ+18, ZBW11, ACA18, DTV15, KKK18, LCC+17, VF14, ZLYL17.

Resolution-Independent [NDG17, NB12]. Resolved [JMV+15].

Resonant [LFK+13]. Resource [DDH+18, S88]. Resources [BBS+09].

Response [DW13, RCMM+16]. Responses [LC09]. Responsive [XLL+10, YL10].

Restoration [DCPS08, lKAC07, KMS07, LLP00, PSP+14]. Restricted [NL13, YLL+09]. Restricting [CLB+09, SNA17].

Restructuring [xHMC09, LWX+09, WTMT18, ZCHM09]. Results [HH90, Joo86, MSM+08, MW18a, TSP05]. Retailoring [CR16b].

Retargeting [AMYB17, ARB+18, BB12a, BSVS04, BMS+12, CYC15, GTK+12, HSC16, JKL18, LLX+11, MBBT00, NJ04, PWS12, RKKG18, RSD+12, WHL+04, WBSH+13]. Retargeting [NJ04]. Retouching [IRWM17]. Retracted [KL19].

Retrieval [BSG+95, CTSO03a, CTSO03b, CYI+10, YL10]. Reuse [MCL96, MP10, OCL96]. Reuse [BSG95, CTSO03a, CTSO03b, CYI+10, YL10].

Reverse [DMS14, HHS05, Jen07, PH17, SMAB02, TTB12]. Reverse-Engineering [PH17]. Reversing [SB99a].

Review [Ano87b, Ano08b, Cal07, CY11, DDM03, FPC+16, FW17, GP12, GL94b, HH11, Kau04, Lan07, MFS08, OLG+07, PF90, RPA+15, UWP06, ten82b, EMU17, GL94a].

Reviewers [Ano07h, Ano10d, Ano11f, Ano12g, Ano13j, Ano14d, Ano15j, Ano16m, Ano17k]. Reviews [Ano97, Ano97j, Ano97k, Ano98n, Ano98o, Ano98p, Ano99c, Ano99d, Ano00b, Ano00c, Bar05, BIWG08, BDG+04, BBCW10, BFG+17, KKF+17, MBW08, FZP92].

Revision [DD92]. Revisions [VD90].

Road [BWK14, GPG11, NDD14, vDHO16]. Roads [GPMG10, IMAW15, LBA10, NJGW15, NGDA16]. Roadside [ACV+14]. Robot [LMPD15]. Robotics [RPA+15]. Robust [AR94, ARB+18, ATBG08, BG01, BEEM15, BB00b, BPVR11, BCS96, BM12, BM16, CK10b, CFS14].

RGB [BIZ18, CJXH17, KLTZ16, MD19, ZSG+18]. RGB-D [LEE17, LTX+14, WCM15, YCL+17]. RGBZ [RSD+12]. Rib [LZY+17]. Rib-reinforced [LZY+17].


Rig [AKMM11]. Rigid [Aan18, BT95, BET14, BPWG07, DMYN08, HS04, HAWG08, JKJL18, KLAM15, LSP08, LRB+16, MS11b, NL18, OHG11, PKS10, RK02, TMRL14, TF15, WCF+13, ZYF13, ZV09, BPVR11, CYJ02, YLLL15, ZST+10, XXY+18].

HDL11, HL13, HZN+18, JFS09, JMD15, KD13, KSKAC02, hKLS00, KO19, KPG+16, KJT14, LPK09, LD08b, LK13, LWL+16b, LGZ+16, MK06, MLJ+13, MDD+10, NOS09, NHH97, PWS12, RBC14, RMZ13, SXY+11, SJ13b, ST08, Sug94, TST+15, TE18, VSG+13, VVP+16, WTTM15, WW09b, ZWC+10, ZYF13, ZRJ+15, ZVE+14, dGCSAD11, LCLJ10, MS93].

**Sampling-Based** [YZL17, LYG15]. **San** [SCA04]. **Sand** [RSKN08, SOH99]. **Sand-Water** [RSKN08]. **Sanity** [LA11]. **SAR** [SRG16]. **Satellite** [BPBD08, ZLYL17, SSK93]. **Satisfaction** [HHS01, Pin92]. **SATO** [NM14]. **Saturated** [MHT09]. **sbm** [Che06]. **SC21** [Bon85]. **SC5** [Gal84, thH83b]. **SCA** [SCA04]. **Scaffold** [JE13]. **Scalability** [AWB08, BMH12, BWS03a, BWS03b, DKK14, Dwy09, FP15, HHRZ12, HZN18, KBWS13, KMD17, KBLE19, LDdLRB16, PKS10, PHE11, SM10, SR19, SPD14, SO10, SGC04, TW10, WDM12, WBSH13, YNBH09, ZCZL13]. **Scalar** [GST14, HW10, HLL16a, HHC13, LS16, LWS18, LKG16, NGB10, PRW11, PW12, SSW14a, SW17, WGS10, AM92, ILRS11a, ILRS11b]. **Scalar-Valued** [HW10]. **Scale** [ADMAS18, ABCN10, BMB06, BHP15, CIE16, CYJ02, CBC16, DMSL11, DSH17, DWT11, GLCC17, GLK16, HSBW13, HL03c, HK00, JLKL16, Kje83, KS18, LS10b, LS16a, LKG16, NGB09, PRW11, PW12, SSW14a, SW17, WGS10, AM92, ILRS11a, ILRS11b]. **Scale-aware** [JLKL16]. **Scale-Invariant** [CIE16, MS93, ZBQC13]. **Scale-like** [LS10b]. **Scale-Space** [MGB12]. **Scale-Stack** [HSBW13]. **Scales** [LS10b, LMSF19, ZAM16]. **Scaling** [ACS17, BCB08, LHN18, MKR11, SSDK12, ZK08]. **Scan** [CZ09, Che97, CW09, DMAL10, DKS01, Lin85, Rok97, TT94, WH04, WW87b, YR97, SDD92]. **Scan-Conversion** [CW99, Rok97, YR97, Che97]. **scan-line** [SDD92]. **Scans** [BL18]. **scanner** [RCM01]. **Scanners** [MDB14]. **Scanning** [BG08, KMHG13, LVT08, LBD08a, PK08, Sco02, PFC05]. **Scatters** [AKS09, CABC18, LSP08, SJSW13, MPM14]. **Scatter** [KARC15, MSM17]. **Scattered** [PS96a, SPOK95, SLHS02]. **Scattering** [BSW10, BHN16, BN08b, CRGZ10, DBK11, HCJ13, Hol15, JW97, JZZ15, KPS14, MKB05, MESS11, OXKP12, PP09a, PSP10, RIF09, SDS16, SJ09a, SKMS18, WN09, RZLG08, WHD17]. **Scatterplot** [CSG18, LAE12]. **Scatterplots** [BW09, FH11, HBW11, JZZ09, KZM12, RB10, SW09, SBL17, SG16, ZQ09]. **Scene** [ACS17, BSK16, CSG18, CGS16, FdABS99, GG15, HZZ11, KLTZ16, KBLE19, LTX14, LMLF15, cLCll98, PMDS06, RA94, SBW06, VBHH13, WO02, WKM15, XZP13, YWB03, DH93a, ZHC00]. **Scene-Graph-As-Bus** [ZHFC00]. **Scene-View** [KBLE19]. **Sceneries** [MGG10a]. **Scenery** [SDB97]. **Scenes** [ASH15, BG08, BHM13, CLD09, CDP95, CLF03a, CLF03b, COF98, DK16, DMA03a, DMA03b, EPC15, ENSD12, FML06, GS14, Gar09, GTK12, GPG16, GW08, GFW06, HSC16, IFDN12, JVS12, KBWS13, LC99, LMLF15, LOS97, LD97, MGY18, MB99, MC10b, NPDD11, NSR13, NKF09, ORDP96, PLPB07, PPD98, PSC10, RKRD12, REH11,
Schedule [HTSFp09]. Scheduling [KKS+17]. Scheimpflug [HHNC19].

Schematic [Ben94]. Scheme [ADF85, DRA10, FCGW02, IP99, LKSD17, MS01, MHD16, WTMT18, WHT12, AVBC18, SG96b]. Schemata [HAML05, LM07, RL15, SLLW08]. Schematics [HAML05, LM07, RL15, SLLW08, WW98, Ger92, MM18, MK08].

Scholarship [CWG11]. Schönhut [Duc06a]. Science [Arn08, Dav07, Fuc97, HS17, LSS+12, PPBT12, RPK+12, WG82]. Sciences [ABW+15, DPD+15, JNX+08, KOB+08, KBHM15, LLC+12, LMK+15, MMLH08, WVKR08]. Scientific [Ano97s, Ano97f, Ano98j, Duc98, FH09, Haa96, KGP+12, Le 90, MEO4, MUM86, PH91, SASF11, WT17, Wat96, WTHS04, Wei04, FS92, Gob96, MM93, SvZ95].

Sclow [GKL17].


Seated [HMP+12]. Second [BJ94, Cls88, End84a, GCP+09, HL13, KASH13, LPG13, MRL10, ORT18, SK16a, Vel91, Hes91, Jan91, PH91, SCA04, SZAB04]. Second-Order [KASH13, LPG13, ORT18, SK16a, MRL10]. SecondSkin [VSD09]. Section [AJA11, Ano96d, Ano00d, Ano02b, DPW11, DS11b, FWPS11, GSZ11, Hew84a, HP11, KP11, Lav11, MVPG11, Mér11, NBCW+11, NPR11, OHG11, PB11, Rus11, SY11, SBCBG11b, TOZ+11, VP11, WBCGH11, WSSC11, dGCSADI11, vKvL11]. Sections [BV09, KBT+12, MB08, PBO+07, SSL14, DNV12, HHCJ18]. Security [MSFM16, SmvdWw15]. Seeding [ELM+12]. Seeheim [End84c, Mac85]. Seen [GTK+12]. Segment [Che97, SMJ17, Ste84]. Segmentation [AGD09, BLVD11, BRVR11, BIZ18, BK03a, CLT+08, DGV08, DSWH17, FMH16, HMTH13, HPH10, HFL12, IJY10, IYS+13, JAC17, JWL+13, JKS05, KTO9, KWÖG18, KJT14, LT17, LWL+16b, LZ07, LCWK07, LCHB12, NW17, NSS+12, PKG03a, PH03a, RT08b, RT08a, RBC14, RMG18, SMH10, Sha08, SLSK07, SHJ+16, SLLW08, SHS13, STP17, SFLP18, TWS+11, VGB14a, WE97, XXLX14, XSX+14, YYPZ07, YL11, YLX+16, ZQQS08, ZWC+10, ZT10, ZVE+14, DFIM15, SNKS09, VF14, ZZCJ14]. Segmented
[JJKL18, NW17]. **Segments** [LLW12]. **Seismic** [McC83]. **Select** [SV10]. **Selected** [AR06, Arn08, DCPS08, Zot08, Gob95, Gob96]. **Selecting** [LAE+12, LFK+13, SNLH09]. **Selection** [AMSF08, BvLBS11, ESRT13, FE17, HREB11, KR05, hKTL+17, LSJK09, She97, SPK13, TWC+16, ZC18, GTB14]. **Selections** [MGB14]. **Self** [AAB+10, AMTO2, ACOHS18, BB07, BBAM12, CK10b, CZY11, DCV14, KNL+15, SJP+13, SN08, SWS12, TW10, VT94, WLT+17, WC14, YLD+18, LN18, RRS12]. **Self-** [CK10b]. **Self-Adaptive** [CZY11]. **Self-augmented** [YLD+18]. **Self-Collision** [VT94, WLT+17, WC14]. **Self-Intersecting** [SJP+13]. self-intersection-free [RRS12]. **Self-Learning** [BB07]. **Self-Organizing** [AAB+10, AMTO2, SWS12]. **Self-Shadowing** [SN08, TW10, LN18]. **Self-similarity** [ACOHS18, DCV14]. **Selfie** [LWL+16b]. **Semantic** [BDF+14, BCWR08, CN05, HMW+15, JJKL18, JBS+06, KWÖG18, PTT+12, SML15, WPW+11, FS92]. **Semantic-Preserving** [WPW+11]. **Semantically** [JBMJ14]. **Semantically-Resonant** [LLF+13]. **Semantically-Rich** [SABG+05]. **Semantics** [PL94, RBG08]. **Semantics-Based** [PL94]. **Semantizing** [BHMT13]. **Semi** [ABCJ10, AYLM13, AW13, DSC09b, DRS09, ER18, GSE+14a, KySK08, KvLB14, KSD14b, LLN+14, LCM+09, LCHB12, MKP+16, MC14, MEKM17, Nie95, NBML14, PPSM12, PRS15, RLMB+14, SD10a, SKZF11, WS09b]. **Semi-Analytic** [NBMJ14]. **Semi-Automated** [LLN+14]. **Semi-Automatic** [GSE+14a, KvLB14, MEKM17, WS09b, MKP+16]. **Semi-Homogeneous** [Nie95]. **Semi-Implicit** [SKZF11]. **Semi-isometric** [ABCJ10]. **Semi-Lagrangian** [AW13, KySK08]. **Semi-Regular** [AYLM13, PRS15, DSC09b]. **Semi-sharp** [KSD14b]. **Semi-Stochastic** [SD10a]. **Semi-Supervised** [LCM+09, PPSM12, LCHB12]. **Semi-Transparent** [ER18, MC14, RLMB+14]. **Semi-Uniform** [DRS09]. **Semiautomatic** [ZH14]. **Semidefinite** [HG13]. **Senescence** [KRB11]. **Sensing** [GSHN94, K ´OOH13, XSE14]. **Sensitive** [BSAP11, SBS+17, SG06b, VRKS01, BG01, GGM12]. **Sensitivity** [BMPM12, DW13, NWHWID16]. **Sensor** [BCN11a, CD18, GJL+09, SMB+14, WZ15, CACB18]. **Sensor-aware** [CABCB18]. **Sensor-based** [CD18]. **Sensorimotor** [HL18]. **Sentiment** [KP18]. **Separable** [JJZ+15]. separate [CH12]. **Separated** [BMB15b]. **Separation** [GOPT11, GT15, STM12, WLN+17]. **Separatrix** [GSW12, WG09]. **September** [Ano97w, Ano04b, Arn91, BH96, CG07a, Cre88, DJ88, DT04, Enc81, HHS89, HB91, KI85, Pur07, TTT95, Van80, Van85, WG82, tH83a, TB84]. **Sequence** [BH17, CFB16, CWM19, YLL15, PFC+05]. **Sequences** [AECOK16, BCS96, BG02, CKK18, DH16, GRPF16, HB00, HKL17, KCMJ16, LVV18, LKD+17, PCDS12, PCX+18, SCD+16, SEASM09, SWG16, YLD+16, CH12, Koc93, van89a]. **Sequencing** [WS09b]. **Sequential**
[PWP08, SW08a].  **Series** [AKMM11, ARH12, BBL12, DH16, GRPF16, HJM+11, KCJM16, MLD+18, SAAF18, SBM+14, TFA+11, WG11, WSM0b, KWS+15, LRB+15, RL15].  **Serious** [MTVJ11, Saw07].  **Service** [Ano95w, Ano95x, Ano96q, Ano97p, Ano97-37, Ano97-38, Ano97-39, Ano98-28, Ano98-29, Ano03e, Ano04e].  **Services** [Ano95y, Ano96r, Ano97-40].  **Servoing** [MC02].  **Session** [AW13, AO13, BCD+13, ˇCHM+13, CTL13, CCI13, EWMU13, FWX+13, GDMl13, GRC13, HSmCY13, JCK+13, JK13, JWL+13, KMHG13, LCCl13, LJBa13, LLC13, LPG13, LLSC13, MH13, RMZ13, SRK13, SYt+13, SHS13, SKWL13, TTN+13, TSdSK13, WZH13, WCX+13, WWL+13, WLM13, XWG+13, XXZC13, XZP+13, XSQ13, XADR13, YH13, ZYF13, ZCZL13, ZLKW13, ZCF+13, ZWY+13, ZIM13].  **Sessions** [HEtH+83].  **Set** [AA06, AMA+16, BK03a, BK03b, CKSW08, DvKSW12, GGG08, HCDC18, JK13, Kim15, KTW+13, LA13, LZW+13, LDY10, Man83, MMS07, MBW+05, NM91, ÖGG09, SDKG18, TSB16, Wei04, XDC+13, WLS13, vKvLV11].  **Set-based** [KTW+13].  **SetCoLa** [HBH18].  **Sets** [ASVNB00, Bak88, Bak91b, BDF+14, BSW+14, BM12, BTB13, CG12, CWM09, CPK09, DGGQ+12, DMSL11, GCSA13, KS11, KS12a, KWS16, MBR+13, McC83, NNB97, PSK09, RGM+18, RL16, SHLS02, SBG17, SwW13, SEG+14, SAA09, VMG09, WK04, Yuk15, AS00, FR92, GRT14, PFC+05].  **Setup** [ARG+16].  **Seurat** [WTLL13].  **Several** [Szy91c].  **SfM** [WKM15].  **SGS** [Pas02].  **shade.js** [SKSS14].  **Shaded** [Jes16].  **Shader** [CTHAM10, MRD12, RPLH11, YB18, YWLB18].  **Shaders** [DBLW15, Lew94, SP95, SW08b].  **Shading** [ABG+12, BYP95, BL86, BBDA10, Cal07, DZCC19, ENSB13, FC10, GRDE10, HSS+05, Kau04, KC08, KB12, KB99, LTKD15, MTCT84, NAM+17, Nar95, PA06, Sch94c, SFB15, SPH+09, SPBV10, TT97, TH17, WJB+13, WB02, WN09, ZM16, AHTAM14].  **Shading-based** [DZCC19].  **Shadow** [AHMA15, AHL+06, BBH13, BKB+12, BS03a, BS03b, CJW+06, FWX+13, FBGP09, GMAG15, GPB07, KSCN19, LLA06, LSMD15, MWS+16, MSWI12, MIW13, NM14, OPP10, PWC+09, REH+11, SVLL10, SBE16a, SWP11, SDMS15, SGYF11, SFY13, SL08, SEA08, TIK17, XLH+13, XXM13, XXZC13, YFG09, YDF+10, ZZLX17, BBAM12].  **Shadowing** [BKBT+12, BBAM12, HBA12, NKF09, SN08, TT95a, TT97, TW10, YIC+12, ZCBK12, LN18].  **Shadows** [AHT04, BBH13, BNJ15, CJW+06, CAM08b, ED07b, ED08, FBGP09, FBGP09, GPB07, GJW08, HMS09, KPD10, LSMD15, Los97, LD97, MSW04, MAAG12, NKL10, NPW10, NKF09, OPP10, SVLL10, SSSK04a, SBE16b, SS07, SDMS15, SFY13, SEA08, SARZL10, SN08, Tim13, UGLY08, WA09, WZKP14, WS99, YFG09, YHGT10, YK08].  **Shah** [BCGL18].  **Shake** [WYD+13].  **Shallow** [DHK08, PHTB12].  **Shape** [AW07+10, AHKS94, AYLM13, AGCO13, ATCO+10, AKZM14, AKM16, BLP10, BSK+13, BDC18, BWI+11, BD12, Ber09, BCGB13, BB16, BM+15, BEKB15, BKO5b, BDS+12, BHMT13, BvTH16, BPB10, COO15,
CCSG+09, CLE07, CLME09, Coh95, CRA+17, DDÖ+17, DGV08, DBD+13, DMS14, EDPB15, ESP08, EZK08, ESKBC17, EBC17, FSTR13, FG04, FCS+16, GSDG18, GLHH13, GCLX17, GBAL09, GL12, GCSA13, GAWJ15, GKM18, HSS+09, HCW17, HBA12, HFL12, HSvK18, HWAG09, HG13, HKM15, HO17, HCO18, JWS12, JTRS12, KWS16, KL08, KP18, KJC+09, KSO10, KKSS15, Kim15, KFLCO13, KO19, KBS00, Kob03a, Kob03b, KBB+13, KNH+18, KRS+13, KSKL13, LA13, LT17, LGH13, LMP13, LKEP14, LJK+12, LJJ+18, LRBB17, LZSCO09, LPG10, LVW+15, LG+16, LJC17, LCWK07, LCHB12, MCH13, MGG10b, MBG+12, MSAP15, MGB+12, MRCB18, MB08, MBT+12]. Shape
[WWCS13, MEKM17, NSC14, NBCW+11, NNRS15, NC16, NO17, OLA16, OM13, OSC08, OHG11, OMPG13, PB11, Pat16, PPT+19, PBB+13, PSO18, RLGH15, RBBY19, ROM+15, RKN10, SY11, SY12a, SY13, SY14a, SY14b, SWK07, SXY+11, SBC14, SC04, SGB13, ŠBSM+10, SSB05, SOG09, SJS+11, SJS13, TBW+11, TTB12, TVD09, VPP+04, VT94, WL08, WXL+11, WK12a, WL+17, WG11, WSLG07, WBCG09a, WMZ12, WSSC11, WDAH10, WYY13, WZCF15, XXL14, XSS+15, XXS+14, XM15, XKH17, XCDR10, YFW12, YL11, YLH+14, Z04, ZSCO+08, ZCMH09, ZWC10, ZDZ+15, ZST+10, ZTO10, ZFCO+11, ZCOM13, ZCOAM14, ZIH+15, ZXTD10, ZLW15, vKTS+11, vKZHC011, CH12, DFIM15, DOS93, GGRZ06, KS92, LBBC14, NW17, SNKS09, ZKGG16, vKLV11, LG+16]. Shape-appearance [NNRS15]. Shape-Aware [JWS12, LGH13, CLE07]. Shape-from-Operator [BEKB15]. Shape-Preserving [ZCHM09]. ShapeGenetics [HSS17]. Shapes
[ARB+18, AMSF08, Att15, BPVR11, BS12b, BEKB15, CJFH14, COO15, CD10, CZ08, CCSD+09, EBC17, FCGA97, GSTOG16, GMW97, HCG14, HMW+15, HFL12, JLW10, KFLCO13, LCSL18, Li07, LZ+13, LGK16, LMHH14, LMPS16, MCH13, OMT02, OPC96, OSC08, OBCCG13, RF06, RXX+17, RT08b, RT08a, RBC14, SY14b, SDK09, SLSK07, SGS14, STC+16, SCF10, SDKG18, TTB12, WWH+10, XSS+15, YFW12, YWM15, YLLL15, ZHH+15, ZZCJ14, dGCSAD11, BMM+15, KP11, MWCS13, TWMSK18]. ShapeSynth [AKZM14]. Shaping [BDS+12, MRL+17]. Shared
[GO10, HMW+15, HK95, Ros13]. Shared-Memory [KH95]. Sharing [CCC+14]. Sharp [AMS16, BW13, BM12, CJXH17, LWY08, KSD+14b]. Sharpening [TM13]. Shattering [SWB01]. Shaving [NLED08]. Sheared
[CS14a, Shearing [HL02]. Shell
[LYZ+17, ZLW+16, ZX+17, Fre90, YCXW17]. Shells
[AWO+14, CWK07, DH14, FB11, HRWW12, HRS+14, HRS+16, HRZ+18, KSD14b, PTP+15, WSG05]. ShellTrees [KGL+98]. Shepard [BAU05]. ShieldTester [NRJS03b, NRJS03a]. shift [XL10]. Shifted [BSH12]. Shifting [ST18]. Shiny [BCRA12]. Shock [PK15]. Shooting [HB00, Sbe97]. Short [Ano98v, DAP08, Kje91a, Sab82]. Short-Horizon [DAP08]. Shortest
[BLP10, SS91]. Shot [KBBH15, CKL14, MSZ+18]. Shoulder [HPP10].
Shrink [KVLS99]. Shrinkability [ZHM08]. Shrinkage [VPLL08].
Shrinking [EBV05]. Shutter [CLK14, TSY07]. SI [WDM+12]. SIAS [van89a]. SIGGRAPH [AR06]. Sickness [HL18]. Sided [NSY09, SS15a, TPSH14a, VSK16]. Sifted [EMA+13]. SIGGRAPH [CSLG10, Des06, LS+11, PS10, Rob87, Ano95z, Ano97-32, DS11a, End83b, Hop84, ID10, IC11, Jan89, LLR+04, Ros82, Ano98-30, LLD05, LLRD07, Sch98].
Sickgraph/EG [Ano98-30]. Siggraph/Eurographics [Sch98]. Sight [NYTN87, AGCO13]. Sigma [DM92]. Sign [SH62, RB03a, RB03b, HR92]. Signal [BB88, SD10b]. Signals [GO15, CH12]. Signature [DLL+10, SOG99, XYL09]. Signatures [AA09, COO15, CCSG+09]. Signed [CT11, CC10, CSS18, MRL10, SFPP, HR92]. Significance [BRDC12]. Signing [MDD+10]. Signposts [MSDK12]. Silhouette [CSD11, CC08, DRS08, HK09c, OZ06, OZ09]. Silhouette-Aware [CSD11]. Silhouettes [CLM09, IHS09, MT01, NBMJ14, STC+16, TZF04, MFT02, WBCG09b].
SMD [AO86, AO87, BIMO04, HK08, TP88]. Similar [CG16b, WLL+17]. Similarities [HCDC18, SMB+14]. Similarity [ARRO+17, BCBB16, BM10, CTS003a, CTS003b, CG16c, FL19, FAT07, GAWJ15, GLGW12, GTB14, PB11, PR12, SW17, TWC+16, ACOHS18, DCV14]. Similarity-based [GTB14]. SimilarityExplorer [PDW+14]. Simple [Dwy09, EMP+12, FA87, KZB10, KSKAC02, PM16, Ren16, RR94, SLT08, SN84, VSK16, BSV92, LCLJ10, Rap92]. SimpleFlow [TBKP12]. Simpler [NB12]. Simplex [BYB09, DSC09b, DSC09a, MRS18, SK18, WD11, YLL+09, dCTAD09]. Simplicial [JFS06, LS16, MS10b, RL14]. Simplification [AS96a, ABC+04, AWB08, CLH+08, CL16, CL03a, CL03b, CP10, DGGM05, DC10, ED07a, ES09, ESC00, FCGW02, HLS96, KWS16, KRM+15, LS09, MG10, RGG15, RMS+08, SC08b, SLL14, VLV+04, VW90, WBP98, YWHB18, GCSADD11, vKP06, BC01, TPC10, CR98, DSC09b, OPC96, RT08b, TE10]. Simplifying [MMG10, KL08]. SimSelect [GTB14]. Simulated [BAAR13, EHW+13, GP12, KMN+08, LE13, Sch94a]. Simulating [Buc98, DGA04, GLH09, MR12, RKN10, Stat97, Wu90, Ye08, ZCT18]. Simulation [AI98, ANO95-27, AO13, BS16, BS19, BET14, BMO+14, BN06, CKS00, CC14, CZY11, CWWK07, CKHL11, CTM05, DAP08, DC11, DMN08, EHW+13, ENC82, FBT99, FAW+16, FM15, FHW+11, GB16, HS04, Heg09, HEG94, HH98, HBLB17, HL18, HK00, HJS+17, IUDN10, JPK13, JL18, KTMN07, KMTT92, KPNS10, KR11, KySO08, KS18, KBK+17, LW15, LMG+18a, LL18, LCM+18, MR17, MGG+10a, MKMA19, MMG18, MBCN09, MBT+12, MMS09, MSGT18, MGN17, MPBM+17, MEG11, NGHJ18, OIST91, OLF+14, PAS02, PP07, PBK10, PTB+03a, PTB+03b, RP01, RHLH18, RIF+09, RTG98, RKN12, SCN+16, SLS04, SJ13a, SL07, SWML10, SHCB15, SKK10, SM14b, STBG12, SWB01, SKWL13, ST08, SDH11,
TTN⁺13, TWT⁺16, TTW90, UT02, WJDZ14, WWF⁺18, Wat87, WMWG09, WMRSF15, WHT12, WHP⁺11, Wil87b, WLT13]. Simulation [WAF⁺11, WDG01, WYY13, WWD15, WCH⁺15, XZP⁺13, YLHQ14, YMJ⁺17, YBK⁺12, YKH⁺09, WYT12, ZY02, ZTW⁺12, ZLM⁺15, ZLYL17, ZZ17, ZC07, ZLKW13, ZY10, dHvPJ14, BH96, DMCN⁺17, HTP89, KWF⁺01, LJK⁺12, LG92, RPP93, SW92a, SG04, TT95b, YLC18, Ano98f, Hég91, TvdP98]. Simulation-Ready [HBLB17]. Simulations [ATW15, ATBG08, BGAM04, CFS14, FKE13, FAW⁺16, JKJ18, OHBK09, RGG15, SWT⁺18, SCD05, SHQL18, WTYH18, WGO⁺14]. Simulator [KTN10, PCR89, SSB13]. Simultaneous [ABC⁺91, ESKT15, ZBW11]. since [Joo86]. Single [AWB08, ARM⁺15, AW07, BCN11a, BPV⁺09, CKL14, DÖ⁺17, DSY10, EHT18, EIKM16, ECN14, GE04, HFM16, HPvU⁺16, Hol15, HP83, IEH⁺14, IEK⁺14, IEKM16, IRWM17, KrJC⁺11, LVV18, LSZ⁺18, LCD10, LMGH⁺13, MWS⁺16, MES⁺11, NBA18, OA01, P09a, PSP10, RZLG08, SM11, SC08a, SL89, SPT14, WL08, YXHH18, YLD⁺18, YLH⁺14, ZCW⁺15, ZCF⁺13, YGCO⁺14, HRRR18]. Single-Cell [HPvU⁺16]. Single-Image [LVV18, HRRR18]. Single-Pass [LCD10, AWB08]. Single-scattering [RZLG08]. Single-shot [CKL14]. Single-Strip [GE04]. Single-Valued [SL89]. Singles [vdEvW13]. Singular [DGQ⁺12, Got94, KSB12]. Singularities [RSS97b, RSS97a]. Sit [LBRM18]. Sites [GBU00, PL96]. Situ [BAA⁺16, SE10, AAS⁺16, WAF⁺11]. Sixth [Ano95-27, AS98, Kui91]. Size [BGAM04, KGR⁺16, MW18b, She12, YYZZ18]. Sizes [XGDC17]. Skeletal [FCGA97, LLSC13, WSG07, YCLE09]. Skeletally [KZ05]. Skeleton [MRM⁺18]. Skeleton [DTTS08, HBK02, ITY09, KMS⁺13, KFA⁺14, LW18, LMPS16, MRM⁺18, MVPG11, MBT00, NB15, PWH98, TE18, YBS07, ZST⁺10, ZHH⁺15, Kur15, SLSK07]. Skeleton-based [DTTS08, HBK02, KMS⁺13, YBS07]. Skeleton-Driven [KFA⁺14, LMPS16]. Skeleton-free [ITY09]. Skeleton-Intrinsic [ZHH⁺15]. Skeleton-texture [MRM⁺18]. Skeletonization [BB08]. Skeletons [LW17, RT08b, TAOZ12, TDS⁺16, TBTB12]. Sketch [AHKS94, BN08a, Che06, FCS⁺16, GM96, HMT13, LFGG08, LCC⁺18, LG13, LWX⁺15, NSS⁺12, SSB08, S08, SXY⁺11, SAG⁺13, TCGK15, WLL⁺17, YXHH18, ZLDM16, HD93a, WBCG09b, CSLG10, XMM⁺13]. Sketch-Based [Che06, HMT13, LFGG08, SAG⁺13, WLL⁺17, BN08a, LWX⁺15, SSB08, S08, SXY⁺11, WBCG09b, CSLG10]. Sketch-Driven [TCGK15]. Sketch-to-Design [XXM⁺13]. Sketch [KO88, Pud94, TZF04]. Sketches [ADN⁺17, BSCH16, GLX⁺16, OOI05, ZLDM16]. Sketching [BG95, BLP10, BCF94, HLH96, IOI06, KINH⁺18, KQWM08, LG13, LE17, SS08, Sch13, SC04, SAG⁺13, WHC15, WSBZ08, KHR02]. Sketchpad [EBSC99]. SketchSoup [ADN⁺17]. Sketchy [KOS⁺15]. Skill [HGB⁺10]. Skilled [FvdP15]. Skills [GCY⁺14]. Skin [BW17, IGACITY15, KB04]. Skinned [JKL18, RHC08, TPSh14b]. Skinning [GOT⁺07, GW05, KSO10, RF15, SHB07, TE18, WSLG07, YBS07, SW92b].
Skins [IGAJG15, MMG10, MKU15, Yuk15]. Skip [ZLZ+18]. Skull [DPT+08, IIS08, PZY08, WL08]. Skulls [PZY08]. Sky [DKYN96, GPRS14]. Skylight [DKN+94, TNK+93]. Slab [LAM09b]. Slabs [DWL+09]. Slaved [SS00]. Slice [ZH14, FND92, SV10]. Slice-guided [ZH14]. Sliceplorer [TWSM17]. Slices [HBA12, TWSM17]. Slicing [WCT+15]. Slider [STD09]. Sliding [HBA12]. Slit [LVT08]. Slopes [Thū01]. Small [BHRD+15, BBL12, DHS+13, LHNS18, PGGM10, SJ13a, UMM+10, VW08, vdEvW13, BRM+16a, Day92]. Small-Multiples [BBL12]. Smallest [LK13]. SmallWorlds [GOB+10]. Smart [MAM14, NSS+12, Osh08, ZCOM13, EZK08, ZLDM16]. SmartAnnotator [WCM15]. SMARTPAPER [SC04]. Smartphone [ECN14]. Smoke [AO13, BXH10, DMYN08, KPS10, NC10, PSCN10, RR00, SKK10, WYY13]. Smooth [AECOK16, CT11, CWA+08, GW07, HTH96, JWS12, Jes16, Li07, LWY08, MSW12, MN08, PG94, SWS09, SLWSS15, VMA+04, CFG16, SBD+15b]. Smooth-Shaded [Jes16]. Smoothed [HENYS16, KBKS09]. Smoothing [LTB19, LWS+16, MLK+13, NOS09, Thi01, VMM99, WGS10, ZFJ+16, EZK08, MLP92]. Snakes [BSK+13, LL02]. Snapping [SAG+13, ZWC+10]. Snapshots [MGB14]. SNE [KRM+17]. Snow-Covered [CEG+18]. Soap [Dur01]. Soccer [BB00a, SAMS+17]. Social [BCD+10, CLY17, GOB+10]. Society [Fra83]. Soft [AHT04, AHL+06, BMG99, CJW+06, ED08, FBGP09, GOT+07, GCMOS0, GBP07, GJW08, HK16, HE94, HL03a, HL03b, KBB16, KARC17, LL06, LSTM15, Lo97, LD97, MP12b, MMO16, MAAG12, RGTC98, RF15, SSO17, SDMS15, SYF13, SEA08, SN08, SNB+12, SGB13, UGLY08, XLM+14, YFGL09, YDF+10, ZIM13]. Software [AHR13, BP38b, BG55, BD08, CPP08, DUC82a, GNA83, KH96, MAC84, MAR82]. Solar [ABW+15, MPBM+17]. Solid [AMS16, BL86, DGF98, DLT10, Gam16, GM96, PH87, SCM+19, SMTW15, TL16, WW11, WC14, XTL18, YS94, FFD93, Gro92, JAC85, WCG93]. Solids [Bel87, BHI0b, CZZ+18, KGMN97, NHH99, NIC85, PIA02, PBT18, PN97, SPO95, SLS04, ZLKW13, YLCH18]. Solution [ATO17, CDP95, FCP+00, GUS12, MSG18, PP09a, PSP10, Ska87, TCH+03a, TCH+03b]. Solutions [Hei01, Ric87a]. Solve [WBS+13]. Solvent [BG+08a]. Solver [Aan18, ATW15, DKW18, HE01, KH19, KySK08, STA06, TL16, TDNL18, WMRS15, WKB18]. Solvers [Kaz15]. Solving [Den03a, Den03b, GW07]. Some [HR88, HH90, Rie87c, vJB55, DDR93]. Sorman [Aro06c]. Sorted [ENSB13]. Sorting [AKM+99, GL10a, HKS09, SBW06]. SoS [ML17]. Sound [BMD+08, DYN04, HS04, JBM10, SLS04, STG16]. SoundRiver [JBM10]. Source [AHL+06, GT16a, LMGH+13, Sbe97, SSS04b, TA08, Váz07]. sourced [KWD14, XLS+14]. Sources
Spectrum [MRT08]. Specular [BP01, GCP+09, IKL+10, RH06, SKUP+09, Tok15a, WB02, YW97].

Specularity [ABC11]. Speech [BBPVO3a, DN08, KMT03a, KMT03b, LO95, RB03a]. Speed [AGM+06, LTB19, SGMG17, TSY+07, WLI+12, DT208]. Speed-up [AGM+06]. Speeds [GLHB09]. SPH [FM15, HLL+12, IABT11, KS14, OK12, PGBT18, SZMTW15, TDF+15, TL16, TDLN18, WKBB18, ZYF10].

SPH-based [TDF+15]. Sphere [DKY16, PG95, HMRSK92]. Sphere-Trees [PG95]. Spheres [LCD09b, Pat93]. Spherical [EJFadH13, GP09, GCP+09, GJW08, GUK+17, IFDN12, JAC09, Man16, MBR+13, MSW04, NBMJ14, PGBT18, SZMTW15, TDF+15, TL16, TDNL18, WKBB18, ZYF10].

SKUP^+09, TDS^+16, TKH^+05, TAEE15, UWP06, VCD^+16, VBB^+06, WMG^+09, WWS^+15, ZTG^+18, ZSG^+18, ZJL^+15, vLK^+11, Cai95.

**State-of-the-Art** [AMA^+16, BBT11, BHP15, FW17, GP12, LGH^+17, MKRE16, RGG^+14, TDS^+16, vLK^+11]. **States** [Kau04]. **Static** [CEK^+12, CLL^+13, ODS18, PBMG15, SBD^+15b]. **Statics** [PTP^+15].

**Stationarization** [MJH^+17]. **Statistical** [CRY11, CLL^+08, HSS^+09, JMD15, NVH^+13, CCFM08, SDD^+92]. **Statistics** [PKRJ10, PCR11, RSM^+16, RW18, VVP^+16, YB18].

**Status** [Ano84a, KHIK01]. **Statutory** [Ano04g, Ano05e, Ano06e, Ano07l, Ano10c, Ano12f, Ano13i]. **STD** [RBMS17].

**Steering** [AGR19, GMY97, LCM^+18, DMCN^+17]. **Steganography** [BGI08]. **Stellar** [VLY^+04]. **Stenciling** [STG16]. **Step** [KB12, MK06, MG95, Sab82, LSˇZ08]. **Stepping** [FHHJ18]. **Steps** [ZC18]. **Stereo** [BSL18, CCC08, FNH^+17, SW11, SSB^+14, TGS96, CHA^+14, PHM^+14]. **Stereo-Consistent** [BSL18]. **Stereo-to-multiview** [CHA^+14]. **Stereochemical** [DCG87].

**Stories** [RGM^+18]. **Storm** [LMK^+15]. **Storyboard** [ZC18]. **Storyboards** [HMLP13].

**Stream** [ELM^+12, ESRT13, HKD^+08, HLJ^+13, MH13, SWS09, SRWS10, SEG^+14, WESW17]. **Streamgraphs** [DH16]. **Streaming** [DAF^+18, MPS08, PHE^+11, SRK13, SBS^+17, TL01, VOS^+10]. **Streaming-Enabled** [VOSt].

**Streams** [KCJM16, RWW16]. **strengthening** [ZKWG16]. **Stress** [KHKSI2, MVB^+17, ZZ^+17]. **Stress-Constrained** [ZZ^+17]. **STRETCH** [GS85].

**String** [BRWM18]. **Stringed** [TCH^+03a, TCH^+03b]. **Strip** [GE04, Ise01, dFSV03]. **Striplification** [DGGP05]. **Stroke** [BBK^+19, BBT^+06, GCL^+06, LCY^+11, LLSC13, Sch13, Sch00, SRG16].
YYZZ18, YSC+18. **Stroke-Based** [Sch00, BBK+19]. **Stroke-guided** [LLSC13]. **Strokes** [IHS02, KS10, WHCO08, van89a]. **Strong** [COFHZ98]. **Structural** [ERHH11, PZY08, RL14, RJT18, SSW14a, SMS+17, TA08]. **Structurally** [STG16]. **Structurally-Sound** [STG16]. **Structure** [ASB+17, AAK+09, AP10b, BW00, BK05a, BLK11, CLDD09, CCM16, CJC+09, CYJ02, CCP09, Cot85, DCNP14, FVHK17, FO12, FCS+16, HVH+16, How90, xHMC09, JKL16, KHH+09, KO19, Kob05, LJKL17, LZY+17, LWS+16, LWBP14, LHMH14, LLSC13, MK05, MLD+18, MH00, PVTHR09, PSC10, RBC14, ROM+15, SM14a, SLA15, Str84, TLRB18, TPBC09, VGB14a, VSK16, WBCG09b, XXLX14, XSS+14, YFW12, ZSS17, ZFCO+11, ZFJ+16, AVBC18, DKW94a, EKB14, MCM+12]. **Structure-adaptive** [FCS+16]. **Structure-Aware** [DCNP14]. **Structure-based** [KO19]. **Structure-Driven** [KLU17, LA13, VMA+04, KH92]. **Structure-texture** [LJKL17]. **Structuring** [HKL17, LA13, VMA+04, KH92]. **Student** [RBMS17]. **Students** [Koh08]. **Studies** [BRL09, DKMT18, IEGC08, JR08, MSM+08, STD09, ZLDM16, ZK09, AS92]. **Study** [ARLC+13, AP+11, BBL12, CEX+18, CML99, CCH+14, GMB+14, KARC15, KGP+12, MSM+08, NW13, PERS15, RCM+18, SH14a, SH14b, SBL17, SSS15b, TLM16, UMM+10, WHC15, WBFvL17]. **Style** [AMYB17, BV19, BG07, FMS01, GTL+18, JL18, LZW+13, LPD14, LG16, LER14, NRM+12, PGC+09, UBG+04, WLL+17, YYZZ18, MHS+14, RLYL14]. **Style-based** [UGB+04]. **Styles** [HS99, MSZ+18, XADR13]. **Stylization** [BZBM+16, BLV+10, CS16, FLJ+14, HHGJ15, KLC+15, LWBP14, LM15, LRC14, RLMB+14, SIJ+16]. **Stylized** [BBT11, BCMP18, CKB04, EWH08, GRR+16, LG19, PMG13, TM04, VVC+11, YKM12, ZISS04]. **Stylizing** [IHS02]. **Sub** [BK03a, BK03b, DFY14, JKL13, yKL08, PWC+09, UBH14, WK04, MMS09]. **Sub-Grid** [UBH14]. **Sub-Joint** [DKF14, PWC+09]. **Sub-Sample** [JL13]. **Sub-Sampling** [WK04]. **sub-scale** [MMS09]. **Sub-Voxel** [BK03a, BK03b]. **Subdivision** [ADS06, BT95, BPY16, BGS10, BHU10a, Cas12, CLT+08, DH14, DZCC19, DRY16, HSL12, KP18, Kob96, KSS97, KSD14a, KSD14b, LG00, LMB05, LM07, LWY08, MM18, MS01, MRAS17, MH00, MTF03a, MTF03b, NW01, Nas03, NSY09, Pas02, PN97, RT08b, RT08a, RN07, SB99a, SMAB02, SHLS02, SLLW08, SD94b, SL03, VK18, WM09, WW98, WP04, ZC95, ZQS08, BHI10b, LDB07, MSH+92].
Subdivision-based [DZCC19]. Subdivisions [LM07, ES94]. Subgrid [KER+14]. Subject [GRP10]. Subject-Specific [GRP10]. Subjective [DBS+18, KWD14, KDC17, MTM12]. Sublinear [TBKP12]. Submersible [RL84]. Subneighborhoods [ZHY+13]. Subpixel [ESKD14, JESG12]. Subregion [XXZC13]. Subsampling [BCCS12]. Subscenes [CSN04]. Subsequent [IOI06]. Subspace [BWM+11, FR11, HFL12, LWT+15, MWW16, SJF11, ZHQL17, ZZT15]. Subspaces [MKU15, NNRS15, SJH08]. Substructures [LVW+15, ZCOM13]. Subsurface [AWB08, HCJ13, JZJ+15, MKB+05, MESG11]. Subtype [LSS+12]. Suggested [SRH+11]. Suggestions [KS13b, PKRJ10, SGS18]. Subsumed [HSC+05]. Summed-Area [HSC+05]. Sums [CK10a, GA96]. Super [ACA18, BD12, Ber09, DTV15, HCD18, LWZ+09, MAM14, SLHC12, ZLZ+18]. Super-Clothoids [BD12]. Super-Deformed [SLHC12]. Super-Helices [Ber09]. Super-Resolution [HCD18, ZLZ+18, ACA18, DTV15]. Supercomputing [BBC+05]. Supercover [ANF97a, ANF97b]. Superfacets [SPD14]. Superimposed [LMLG15]. SuperNova [ASW14]. Superpixel [CG16a, DCGY19]. Superresolution [FLBS07]. Supersampling [GGW98]. Supervised [LBBC14, LCM+09, PSPM12, LCHB12]. Supervision [YLD+18]. Supplement [BFTL82]. Supplementary [Ano99m]. Support [BSK+17, BMPM12, CBK+17, CWS+17, EWHS08, KMJE12, LCP+12, PZDD19, RLH17a, RWS+10, SSB05, VGB14a, VMTS10, WSC06, WKS+14, FT93, ST93]. Supported [HA17, NP00, RGSK10]. Supporting [BEF17, GCMS00, KFR18, LBRM18, LCB+18, MMYR15, NM91, SV10, MK08]. Surface [AJA11, AIAT12, AG01, AS96b, ABG+12, BSZ+13, BBB+18, BV99, BTS+17a, BLK11, BK01, BK03c, BK03d, BHGS06, CCS95, CT11, CIE+16, Cas12, CD08, CCLN10, CLC11, CCW12, CK84, Cot85, Dan96, DRF12, DZCC19, DMA02, DLY+18, DZM08, ELM+12, EL01, EP09, GWT+08, GJ04, GKW06, GEB98, GMW97, GLRR11, HCJ13, HTG14, HWK+10, HP04, HWC+05, HJ99, HLR+11, HLL96, JTSZ10, JKD98, JK13, JW95, KNF07, KL03, KL19, Kool05, KPS95, KRS+13, KT97, KG+10, LPK09, LA13, LS98, LS10, LRP08, LRP09, LEP04, LVM03, LMP+10, LFS00, LSJK09, LMA+18, LBD+08, LZSC09, LK12, MR+19, MPS08, MTS11, Mar95, MMG18, Men95, Mi84, MDD+10, MH00, MES+11, NOS09, NM14, NRJS03a, NRJS03b, NRSR13, OS08, PPL13, PSC10, PP05, PGK10, RP02, RLH+18, RT08b, Ren16, RPG16, RSK12]. Surface [SLB+18, SP97, SWP08, SV14, SB99a, SAMG14, SPOK95, SS08, SSFS06, SSW14b, SGRT12, SLS+06, SYT+13, SBCM11a, SG08, SE02a, SE02b, SMG10, TOZ+11, TBBT12, TPBC09, VHB08, VSG+13, VMA+04, VT94, VM99, WSO6, WLT12, WYZC13, WZK16, WLZT18, WK04, WDR11, WGG99, YMM10, YLD+18, YMYK14, ZSW10a, ZRKS05, ZY04, ZYF13, ZCK17, AS00, BC01, BBA08, BG93, DMP93, HBB93, HB92, KH92,
LDB07, NGM14, PSP^+14, SDD^+92, SZ18, THN93. **Surface-based** [LVP118]. **Surface-Like** [PSCN10]. **Surfaces**

[AES94, AKP^+05, AA06, AE97, AM95, AP10b, AMT^+12, AW13, ABCCO13, AWO^+14, AVB16, BS08, BAT11, BCG^+96, BCBSG10, BBCW10, BW13, BE09, BK03a, BK03b, BTG95, Bl097, BW07, BPMG08, Bou88, BGS10, BvTH16, BL18, CHK13, Cam17, CGT^+15, CZ08, CLT^+08, CLS16, CRS08, CMF18, CBV^+14, CJW^+09, CDS10, DW13, DH14, DLRW09, DGQ^+12, DQ00, DvK16, DBK11, DZM08, El99, EKFM12, EBV01, ER01, FS91, FM04, FG04, FB94, GLK16, GB10, GBW16, Gre94, GGK06, GG08, GSE^+14b, GTG17, HCD18, Har97, HM83, HLS12, HRS^+14, HTH96, HBK02, HAWG08, IDN03a, IDN03b, Jen07, JC94, JK^+16, KNP07, KP18, KHK^+09, KLS09, KSD14a, KSD14b, KSKL13, LBRM18, LLG97, LSP08, LW17, LMG^+18b, LPD14, LBP10, LYW08, LZ07, LPG10, LS08b, MJK17, MPS08, MS10b, MK99, MS98, MR10, MV10, MW10, NGM14, NOS09, Nas03, NSY09, NGB^+09, OAM^+18, OG99, P809, PA06, PK03a, PK03b, PK08, PN97, POB^+07, RS08, RHv95, RRS97b, RL09, Rus10, SJP^+13, SM10, SV14, SMAB02, SKR^+14, SHLS02, SWS09, SRW16, SHD16, SEG^+14, STG16, SYC10, She09, STK02, SPD14, SL^+17, SNB^+12, SVWG12, SLZ09, SS97, SG08, SW08, Sy11, TZF04, SYK01, TCRS00, TW97b, Th01, VSK16, VWH18, WB01, WLS13, WG09, WC14, WP04, XLS^+14, XY18, YYPZ07, YWTY12, ZBC13, ZSCO^+08, dGWB^+14, vKvLV13, Bak90, BP93, CL92, DTG96, DCV14, Ger92, Guo93, GTB14, HP11, HVM15, KP15, KHR02, KBÖ^+14, PCBL16, RRS97a, STM93, SW92b, TW97a, VG96, Vd92, dS96, Ano95b, DCV14, GTB14, MHS^+14, VMHB14]. **Surgery** [BNC96, MP10, TWS^+11]. **Surperspective** [TON^+02]. **Survey**

[AM02a, ALS18, ABC11, BPA16, BBDW17, BMO^+14, BTS^+17a, BKR^+17, BLB^+13, Cam17, Cas12, DCGG11, Han97, He01, HLH^+16a, IS15, J3YR14, KWD14, KBV91, Kau04, KWC^+12, KCA^+16, KBvP^+17, KMM^+18, LLC^+10a, LSBP18, LVP118, LD07, LOM^+18, ML17, MCG^+19, MWA^+13, OJM^+19, OLG^+07, PP05, PPY^+16, PCR11, PBC^+16, PKE17, PT88, RL19, RMG18, RBRY19, RP98, RD05, Sab86, SWP11, Sch94c, SCP^+17, SL^+17, STBB14, Szy91c, TGK^+17, TAAE15, VBW17, Vel92, WT17, W17D15, WH89, YZ17, vKZHC011, Pri85, Sh08, WG93]. **Surveys** [ML17]. **SVBRDF** [PCDS12]. **SVG** [HD02]. **SVG.Open** [Neu06]. **SW** [PRS89]. **Swarm** [VMH^+13, WJD14]. **Swarm** [WJDL15]. **Swarm** [WPL15]. **Swarms** [LWPL15]. **Sweeps** [BPW14]. **Swept** [CK10a, DvK16, JW95, MCM^+12, WC02, YYPZ07]. **Sweep** [LCG10]. **Swirling** [PKPH09]. **Switzerland** [Kei04, Kun04, Van80]. **SX** [KSH92]. **SX/Tools** [KSH92]. **Symbols** [Haa96]. **Symmetric** [Elb95]. **Symmetric** [Elb95]. **Symmetrical** [CC93]. **Symmetries**
[BWM+11, GAK10, OSG08, WH17b, YM09]. Symmetrization [ZHH+15].
Symmetry [BCBSG10, BBW+09, DSWH17, GAK10, GL12, KBWS13, KLCF10, KLAB15, KWW+14, LKF12, MGG10b, MPWC13, SFL+16, SAD+16, SGS14, VBF+09, WXL+11, WK17, WWH+14, YM09, ZYF13].
Symmetry-Aware [DSWH17, KWW+14]. Symmetry-Preserving [WWH+14]. Symposium [AR06, Ano07j, AJL+11, BPB+04, CDD09, Des06, GP06, HJL07, Kei04, Kuh12, LMD04, Oll04, Raf05, SCA04, San06, SZAB04, Wei08, HK94, KSH04, LF11, SP06]. Synch [KK07].
Symposium [AR06, Ano07j, AJL+11, BPB+04, CDD09, Des06, GP06, HJL07, Kei04, Kuh12, LMD04, Oll04, Raf05, SCA04, San06, SZAB04, Wei08, HK94, KSH04, LF11, SP06]. Synch [KK07]. Synchronisation [MB99]. Synchronization [LG96, LL05]. Synchronized [GA98].
Symmetry-Aware [DSWH17, KWW+14]. Symmetry-Preserving [WWH+14]. Symposium [AR06, Ano07j, AJL+11, BPB+04, CDD06, Des06, GP06, HJL07, Kei04, Kuh12, LMD04, Oll04, Raf05, SCA04, San06, SZAB04, Wei08, HK94, KSH04, LF11, SP06]. Synch [KK07]. Synthesis [MB99]. Synchronisation [LG96, LL05]. Synchronized [GA98]. Synopsis [HLH+16b]. Syntax [Kin95]. Synthesis [AYLM13, BBT+06, BW17, BMM+15, COO15, CD08, CLJ+15, DN08, DGF98, DLC05, DLTD08, ELS08, Fuh85, GMM15, GPK+12, GMM+12, GSNH94, GTB+13, GSDC17, HČA+12, HK09b, HKM15, JBS+06, JKL+16, KÖOH13, KLTZ16, KKS+12, KDC17, KRFC09, KS12b, LGH13, LR88, LSR17, LZ10, LLSC13, McN01, MAA+09, MMS+05, NMMK05, Osh08, PHTB12, PRS89, PP10, PR12, PFC15, PB90, RZS10, RÖM+15, RSK13, SPD07, SLE18, SD10a, SL09, SPK10, SGB13, TGM12, TWJ06, TCGK15, UGB+04, VCD+16, WPG02, WSCP13, WYZB14, WS01, WBSH+13, XWG+13, YD88, YL10, YKH+09, ZPS03, ZZH15, ZFE16, ZLLL13, ZSL+17, AKZM14, BG89, Hor90, Pin92, RPP93]. Synthesize [KS10]. Synthesizing [CTL13, DSC95, DYN04, FLBS07, HLM97, HSK14, ZWXL17].
Synthetic [FW17, HL13, KMB+17, NT95, PO02, ST94, SHS99, SKZ13, SJ13a, TSY+07, TTW90, WOH13]. System [AHKS94, ADMAS18, AJC11, BRS01, Ben94, BCD+10, BSK+17, CD18, CKB04, CJ90, DI18, FW99, Haa96, HD95, HGG+84, HC14, IMIM08, JZF+09, JSH+13, JLFW10, KMG96, KSCN19, KMJE12, KH96, KT97, LM96b, LG13, LL00, LO95, LL10, LL12, LL15, MSWK02, MOT99, NKS16, NBL+13, ON05, OP10, Pi85, RSGK10, Rey86, RSK90, RL84, ST94, Sch88, SC04, SPH11, SNLW01, Ste85, WH04, WDC+10, WW87a, WKM+09, WLSG03, WGG99, vvT84, AM02, CFT86, DTK93, DP93, GJ02, HR92, Jac85, JW89, LM96a, OYS09, VR95, DSS00, Enc82, Hew84b, WO94]. Systematic [AKSA09].
Systems [Ano91b, Ano98d, AHR84, BWH+11, BES00, BIWG08, CTHAM10, Dau90, DMKP07, Dnc90a, Emd84c, Fuc97, HM91, HBO+10, HE94, HHRZ12, HHH12, Mac85, MJS98, MG87, MIL90, MSK06, OP10, PCS94, PTO10, PMD12, PF90, RP01, SGS05, TO97, TIK17, VOS+10, WBS+13, YZWX12, CBSF07, DKY98, FPZ92, HS92, Kje92, PB95, Sam93b, Sas92, SBM+10, Str82, Vol93].
Systolic [KP87, Mil84].

tailored [EFGS96]. Talk [Bij87]. Talks [Ake11, Ano08c, Ano09b, Ano15a, Jen07, Pos11b, Šár07, Saw07, Thi11].

TAMRESH [SMP13]. Tandum [OLA16]. Tangent [ABCCO13, MRMH12, WHT12]. Tangential [BSEH17, HCW17, OZ09]. Tangible [WPHC16, Zot08]. Tangram [LBK14]. Tapered [RSVP02]. Targets [YLD07]. Task [KCB97, KK17, KH18, KARC15]. Task-oriented [KCB97].

TAMRESH [SMP13]. Tandum [OLA16]. Tangent [ABCCO13, MRMH12, WHT12]. Tangential [BSEH17, HCW17, OZ09]. Tangible [WPHC16, Zot08]. Tangram [LBK14]. Tapered [RSVP02]. Targets [YLD07]. Task [KCB97, KK17, KH18, KARC15]. Task-oriented [KCB97].

TAMRESH [SMP13]. Tandum [OLA16]. Tangent [ABCCO13, MRMH12, WHT12]. Tangential [BSEH17, HCW17, OZ09]. Tangible [WPHC16, Zot08]. Tangram [LBK14]. Tapered [RSVP02]. Targets [YLD07]. Task [KCB97, KK17, KH18, KARC15]. Task-oriented [KCB97].

TAMRESH [SMP13]. Tandum [OLA16]. Tangent [ABCCO13, MRMH12, WHT12]. Tangential [BSEH17, HCW17, OZ09]. Tangible [WPHC16, Zot08]. Tangram [LBK14]. Tapered [RSVP02]. Targets [YLD07]. Task [KCB97, KK17, KH18, KARC15]. Task-oriented [KCB97].

TAMRESH [SMP13]. Tandum [OLA16]. Tangent [ABCCO13, MRMH12, WHT12]. Tangential [BSEH17, HCW17, OZ09]. Tangible [WPHC16, Zot08]. Tangram [LBK14]. Tapered [RSVP02]. Targets [YLD07]. Task [KCB97, KK17, KH18, KARC15]. Task-oriented [KCB97].
SS09. Tessellation-Independent [MSWI12]. Tessellations [WHSV16]. Test [AMTH12, JFS09, NRJS03a, NRJS03b]. Testing [Ano88b, CB09]. Tests [AAS+16]. Tetra [JFS06]. Tetra-Trees [JFSO06]. Tetrahedra [AMSF08, HJ99, MMF10, MDP08]. Tetrahedral [BXH10, BHH10a, CL03a, CL03b, NZH+18, RNV07, WIFD13]. Tetrahedralizations [LD08c]. Tetrahedron [DKY16]. Texas [Rob87]. TexNN [POCM19]. Text [ARLC+13, ARRO+17, AHM09, CFT86, CBK+17, CY11, CCP09, CWG11, EAGA+16, EASKC18, GD85, HDR+15, HC14, IF09, JFCS17, KlvLB14, LKC+12, MHHH15, NW13, OKK13, OSR+14, PTT+12, RPSF15, RAMG15, SSDK12, SSS+12, SE02a, SE02b, SSSG16, WPW+11, ZAM+16, HR92, BPSa]. TextDNA [SSSG16]. Textile [ACG+17]. Textiles [LZB17]. Texton [GLM17]. Textual [AEWQ+15]. Texture [ACOM12, And12, AE97, BTB02, BD04, BL08, CLH+08, CC06, CD08, Cse18, DGF98, DMLG02, DLC05, DLTD08, ESG01, EL08, GD96, GD10, GDG12, HWA+10, HFM10, HLS12, HSC+05, IK00, IK01b, JKL16, JCW11, KPRN11, KNL+15, KKS+12, KH02, KDC17, KGR+16, LGH13, LHD+04, LJKL17, LWS+16, LG95, LWX+09, LDR09, LFA+15, MCTST84, Mar95, MK99, MP12a, MO08, MJH+17, MMS+05, MCHAM08, NMMK05, NS11, OVB+15, OBG11, PDP+15, POCM19, RSK10, RSK13, SPD07, SD10a, SKZ13, SRK13, SC10, SL11, SWB98, SS96b, SBLD03, SVLD03, TE99, TC05, TGM12, TWJ06, VB00, WPG02, WSCP13, Wei04, WOB09, XWT+09, YD88, ZFE16, AHTM14, BG89, BG93, CPE92, GK03a, GK03b, LLD12, MGC+16, MJH+17, NRM+12, NG92, VB14b]. Texture-Based [LHD+04, TGM12, Wei04, VB00]. Texture-by-Numbers [SL11]. Textured [CDA+14, SHS+17, CTL13, NWHW16]. Them [Ros83]. Theme [NPCB17]. Theoretic [BBB+13, ZC18, AS92]. Theoretical [Bou88, LW94]. Theory [ARC05, Bar06, Buh01, CBK+17, Day88, FdABS99, GMD10, LF10, MSS+10, PA06, SWPL08, Sei88, WO94, Bar92]. Therapy [CWS+17, RWS+10]. There [DH16, Mac94]. Thermal [HSK+10]. Theses [Kje89, Kje90, Kje91b, Kje91c, Kje91d, Kje95]. Thickness [ZLW+16, ZXZ+17]. Thin [CWO7, DWL+09, GLW96, Pal02, SHPS08, SW08b, TDG18, WW98, WS05]. Thin-Plate [SHPS08]. Thingii10K
[ZJ18]. **thinning** [LCLJ10]. **Third** [Bla88, Cre88, Des06, Kwi89, Suz89]. **Thoughtful** [Bur95]. **Thousand** [BHW17]. **ThreadReconstructor** [EASKC18]. **Three** [AHKS94, DBG99, HS94, HMK+95, LD06, MC14, Sal96, SS96a, TMT86, ZR96a, ZR96b]. **Three-Dimensional** [LD06, MC14, SS96a, TMT86, ZR96a, AHKS94, ZR96b]. **Threshold** [KRM+15]. **Thresholding** [LR88]. **throughfall** [WJG+16]. **Throwing** [CJW+09]. **Thumbnail** [LSN+14]. **Thumbnails** [KGM+15, SSDK12]. **Tickmarks** [Kje83]. **Ties** [CDA+14]. **Tight** [KKBL15, RLGH15, WTTM15, WNS+10]. **TightCCD** [CM+15]. **Tiles** [ABC+04, WPHC16]. **Tiling** [EGKT08, KWS16, LZX+08, Mey94, MTAD08, PCK09, PGGM09b]. **Timberline** [Bon85]. **Time** [AVR10, AKMM11, ARH12, AAB+10, AMT+12, BHRD+15, BDA+17, BSW10, BPA16, Ber09, BPKB14, BHW11, BM15, BK05b, BBP08, BLW11, BBL12, BN08a, BKW13, CLH+08, CWK07, CMT05, CEY+18, CPK09, DH16, DR08, FD09, FHHJ18, FL19, FR00, GO10, GMAG15, GS09, Got94, GAM17, GRPF16, GP05, GJW08, GT15, GKT16, HSS+05, HAI11, HJM+11, HL01, HRRW12, HRRS+17, HREE11, HR10, HK00, IGMK+16, ISYM15, JMV+15, JKL13, JZYP18, KCJM16, Ke86, KMG13, KSCN19, KMB+17, KK14, KBKL10, KWS+15, KER+14, LD04, LDRB16, LMP3, LKEP14, LC08, LE13, LPC+12, LDGN15, LL18, LLB+10, LLD10, LMK+15, LRB+15, MD19, MO10, MBES16, Mai00, MW11, MBM13, MBJ+15, MC10b, MLD+18, MPBM+17, NB94, NS09, NG03a, NG03b, NKF+16, NS09, OT11, PBK10, PD04, PP89, Pud94, RL096]. **Time-Adaptive** [CPK09]. **Time-anchored** [SHS+17]. **Time-Continuous** [GAM17]. **Time-Dependent** [BPKB14, HRRS+17, SW10, SW17, TSH01]. **Time-Discrete** [HRWW12]. **Time-Domain** [LL18]. **Time-evolving** [CEY+18]. **Time-in-Space** [AAB+10]. **Time-Lapse** [SSB+14]. **Time-Of-Flight** [HA11, KBKL10]. **Time-Resolved** [JMV+15].
Time-Series [AKMM11, ARH12, BBL12, GRPF16, SBM+14, TFA+11, WG11, WS09b, KWS+15, LRBl+15, RL15]. Time-Specific [LMK+15].

Time-Varying [FL19, SWG08, WRS+13, WAH+09, YLRc10, ZC18, TCM10, JR08, DKG15].

TimeAecs [DPF16]. TimeArcs [GBD09]. Timeline [DMS14, ODS18].

TimeRadarTrees [BD08]. TimeArcTrees [GBD09]. Timeline [DMS14, ODS18].

Tissue [BR97, BMG99, RvdHD+15, RGTC98].

TOC [Ano16k]. Today [Mum89]. Together [Edm83]. Token [Rey86].

Tokyo [FMK04]. Toleranced [CD10]. Tolerant [CK11a].

Tomography [FAVM09, HRRR18]. Tomorrow [Mum89]. Tone [BLD+09, CLLC15, Deb18, EWMU13, GKH14, JBS+06, KMS05, MS08, MBDC15, SSS00, SKMS06, UMM+10, YMM06, ZHLL18, EMU17, MMTH09]. Tone- [CLLC15].

Tone-Mapping [MBDC15, MS08, EMU17]. toning [Buc96].

too [Mac94].

Tool [CMS94, Gol85, HE94, MWS+10, NM91, PDW+14, SJL15, SDC09, WNS+10, WCM15, YNM+13, MM93].

Toolkit [DR87, SD00, TLG99, WHR97]. Tools [BCB+15, BY08, Gre84, HMTH13, HV08, RNtH03, WVWV08, CTW92, WT93, KSH92]. Top [Sla88].

TopDraw [How90]. Topic [EAGA+16, LKC+12]. Topic-Space [EAGA+16].

Topical [WDM+12]. Topical-Level [WDM+12]. Topographic [And10].

Topological [BSK16, BGK+96, COO15, CDA+14, Ede06, HW10, Lai13, LA11, NHL16, PS08, RA94, Sch11, TIS+95, TWS+11, WTHS04, WTHS06, WG09, Lam09a].

Topologically [BR96, Gro16, LKSD17]. Topologies [CL03a, CL03b, KFA+14, SMAB02, MLP92, PCBL16].

Topology [AH11, BSW+12, BWH+11, BK03a, BK03b, DGP17, FML06, FKS+10, FNH+17, GE04, GST14, GT16b, GG17, GBG+14, HLH+16a, HK09b, HSnCY13, HRS18, HHC+13, JWL+13, Kob96, KWS+15, Lai13, LGH13, LJ+12, LRB+15, MRR+18, MKSS12, OGHT10, PPF+11, RL15, SW10, SSW14a, SV14, SVG+08, SRWS10, Sch11, SN12, Szy11, The02a, TRS03a, TRS03b, TSH01, VMH+13, WLJ+18, WGS10, WIFD13, YSC+18].

Topology-Based [FML06, PPF+11, AH11, BWH+11, HLH+16a, Sch11, Szy11, VMH+13, WGS10]. Topology-Change-Aware [JWL+13].

Topological driving [MRM+18]. Topology-Preserving [SVG+08]. TopoPlan [Lam09a]. toric [SZ18]. Tortorelli [BCGL18]. Touch [JSH+13, KGP+12, SHW+18, ten82b]. TouchTone [LCG10]. tough [Gue82].


Tracing [´Afr12. ÄSK14, BYM18, BAAMI7, BMD+08, Bik12, BNN+16, Bon88, BBDM85, BLW11, BBS+09, CDP95, CBTB16, CCI13, CLF+03a, CLF+03b, CDG+07, CWBV86, CNS+11, DHK08, DXY16, DBK11, ENSB13, Gar09, GL10a, GPP+10, GAM17, GHBI5, GFW+06, HH11, HHH12, HII1, JKL+16, KTN10, KBS11a, KIH5, KBK+10, KRG03, KHK+09, KSS+15, KZM12, KF12, LD08c, LD08b, LeYTM08, LWY+11, LSS98, MW11, MHA17, MFS08,
MBJ⁺15, MMG₁₈, MJL⁺₁₃, MTF₀₃a, MTF₀₃b, NM₁₄, NB₁₅, OT₁₁, PBPP₁₁, PGKS₁₇, PBE₁₈, PPM⁺₁₆, PGSS₀₇, PRDD₁₅, RA₉₄, RDG₀₁, Sh₉₉, SSK₀₇, SD₉₄b, Spec₉₁, SC₉₅, SKALP₅₀, TNF₈₉, Ts₉dSK₁₃, VF₁₆, VHB₁₆, WSBW₀₁, WMG⁺₀₉, WRK⁺₁₆, WSE₀₄, YWC⁺₁₀, YY₀₈, ZSP₉₈, ZBP₉₉, ES₉₄, GA₉₉, Gε₉₂, KJ₀₂, MDC₀₉, MSH⁺₀₂, NG₀₇, PJ₀₄, Sm₀₂, UH₀₂.

Tracing/Appearance [DKY₁₆, VF₁₆, WRK⁺₁₆], Track [Arn₀₈, GVS⁺₁₅, Zot₀₈, CD₁₈, DCP₈₀₈], Tracked [ARN₀₈, GVS⁺₁₅, Zot₀₈, CD₁₈, DCP₈₀₈], Tracked [TGS₉₆], Tracking [BKR⁺₁₇, BH₁₅, CK₁₁b, EGG⁺₁₅, HBO⁺₁₀, HYL⁺₁₅, KRS⁺₁₃, KER⁺₁₄, LWL⁺₁₆a, LWM⁺₁₇, MBM₁₃, MG₉₅, MSGT₁₈, OAM⁺₁₈, PEP₉₂, RSVP₀₂, SY₁₃, SW₁₇, SK₁₇, TST⁺₁₅, TSB₁₆, TSH₀₁, WH₀₁₇a, ZTG⁺₁₈, vKB₀₄, MG₀₆, SK₀₂₀₇], Tracts [CZCE₀₈, SEI₀₁₀], Tracts [CZCE₀₈, SEI₀₁₀], Trade [BMPM₁₂, HHS₀₁, HGRS⁺₁₇, VVE⁺₁₀], Trade [BMPM₁₂, HHS₀₁, HGRS⁺₁₇, VVE⁺₁₀], Trade-Off [HHS₀₁, VVE⁺₁₀], Trade-Off [HHS₀₁, VVE⁺₁₀], Trade-Offs [BMPM₁₂], Traffic [BJB⁺₁₈, BJA⁺₁₅, CWL⁺₁₅, PDV⁺₁₅, SMvdW₀₁₅, SWML₁₀, GDAU₁₄], Trail [LHT₁₇], Train [WBFvL₁₇], Training [HGB⁺₁₀, KMB⁺₁₇], Trajectories [FKS₀₃₁, GHG₀₁₄, SSSB₀₇], Trajectory [KTW⁺₁₃, WVV₁₁], Trajectory [KTW⁺₁₃, WVV₁₁], Trajectory Lenses [KRW₁₃], Trajectory Lenses [KRW₁₃], Transductive [XSX⁺₁₄], Transducers [XSX⁺₁₄], Translating [Fuc₀₇], Translation [AHM₀₉, NW₁₃, HRF⁻₀₂], Translational [ND₀₆], Translators [HR₀₂], Translucency [MR₁₇], Translucent [BCR₁₂, CLH⁺₀₈, EBSC₀₉, HWL₁₈, LGB⁺₀₃, WWH⁺₁₀, YZXX₁₂, XGL⁺₀₇], Transmission [MCO₀₉, SG₀₆₉₆a], Transmittance [BR₀₇], Transparency [BR₀₇], Transparen [BR₀₇], Transparen [BR₀₇], Transparent [BG₀₂, CCC⁺₁₄, DWL⁺₀₉, DZC₁₁, EHR₁₈, HHL₀₇, IKL⁺₁₀, LG₀₉, MC₁₄, RLH₀₁₇a, RLMB⁺₁₄, WWT⁺₁₆, Ger₀₂], Transparent-Object [DZC₁₁], Transport [DBG₀₉, HKD₁₅, HEV⁺₁₆, HH₁₀, HR₁₀, JMV⁺₁₅, JA₁₈, JR₁₆, KD₁₃, KSKAC₀₂, KKK₀₉, LB₀₆, LDdLRB₁₆, LF₁₀, MSW₀₄, Mér₁₁, MGN₁₇, NGHJ₁₈, PP₀₅, RGG₁₅, RKRD₁₂, SKGM⁺₁₇, WPH⁺₁₂, ZAD₁₅, dGCSAD₁₁], Transportation [ZFA⁺₁₆], Transputer
Traversing [LSZ08, ZCO97]. 
\textbf{TrayGen} [YH13]. 
\textbf{Treatment} [CWKS00, CFS14, RRP08, vPGL+14]. 
\textbf{Tree} [AE86, BJ+B+18, BPF+03a, BPF+03b, HDM98, JD98, PD04, PGSS07, SPH11, WYZB14, WGG99, XL10, XM15, YLG+18, ZC95, ZBM+17, CCI13, HH11, Hol94, Rap92, SSK07, BJ+B+18, PSC10]. 
\textbf{Trees} [AT10, AMT02, BLS+17, BHGS06, BBP08, CCLN10, DRBR09, ERHH11, GMW04, HKW09, JFSO06, KS13b, LPK13, LDY10, NBH17, OO105, PG95, QNTN03a, QNTN03b, SS08, SJ13a, SR19, SHL+14, SPK+14, SG04, VHB16, WLJ+18, WBCG09b, dFSV03, CS92]. 
\textbf{Trends} [BCBB16, OJMN+19, de 97]. 
\textbf{Tri} [JWL+13, MNP08]. 
\textbf{Tribos} [JWL+13, MNP08]. 
\textbf{Tribes} [JWL+13, MNP08]. 
\textbf{Tribus} [JWL+13, MNP08]. 
\textbf{Tribus} [JWL+13, MNP08]. 
\textbf{Tribus} [JWL+13, MNP08]. 
\textbf{Tribus} [JWL+13, MNP08]. 
\textbf{Tribus} [JWL+13, MNP08]. 
\textbf{Tribus} [JWL+13, MNP08]. 
\textbf{Tribus} [JWL+13, MNP08]. 
\textbf{Tribus} [JWL+13, MNP08].
GLW96, KPK10, LW18, RB03a, RB03b, Ros83, SR19, SNJ14.

**Use-Inspired** [Arn08]. **Used** [SJL15]. **Useful** [BWPP04]. **User** [AP10a, APM11, ATF12, BAAR14, BZL18, BRL09, CCH14, DR87, DKMT18, DBB18, Duc82b, Duc85, Duc90a, End84c, GL94b, HK12, HM91, Hd89, IEGC08, JTRS12, JR08, KO88, Kin95, KSG15, LFGG08, LD98, LCUR14, Mac85, MFNP13, MSM08, NM91, PF90, RPA15, Sas92, SC04, SWS12, SPSK13, STD09, WKG85, XBL18, ZK08, ZK09, vD98, vJB85, BF93, EFGS96, GL94a, HP83, KSH92, ZK92, dBv93]. **User-Assisted** [BAAR14]. **User-Centered** [BZL18]. **User-Computer** [vD98]. **User-Controllable** [AP10a]. **User-Controlled** [KSG15]. **User-driven** [MFNP13]. **User-Guided** [DBB18]. **User-Interface** [DR87]. **User-modifiable** [ZK08]. **user-tailored** [EFGS96]. **Users** [BCBL13, DMKP07]. **Using** [MG87, MKB08, MbMYR15, MMG18, MSDK12, MDBS14, MJK11, MCB16, MBBT00, MJL13, Nie95, NIDN97, OIST91, OJ15, Par86, PD04, PDV15, PZB09, PGK10, PNVS17, POCM19, RW08, RLH17b, RLH18, RKSA17, RL14, RL16, RSC01, RL09, RM99, RL09, SM11, SLE17, SML15, ST93, SKR14, SHLS02, SS08, SSK05, SK06, SJ13a, SR19, SPR18, SMM13, SASF11, SSL14, SR14, SPS95, SF83, SKC01, SOM04, SJF11, SE02a, SE02b, SSJ10, SKMS18, TLFC16, VLV04, VMA04, VFP04, WPG02, WDC08, WTL15, WLT17, WWH18, WHS18, WH09, WHL10, WLI12, WLT12, WDG01, WLI12, WZ15, WN09, XL10, XXS13, XXZ13, XS06, XHX18, XXY18, YWB03, YB18, Y08, YL10, ZY04, ZW10, ZCZ13, ZLZX17, ZZ17, ZC18, ZVE14, dFSV03, AMAM13, AMT12, BSH12, BCN11a, BCF05, BBSB, BGK96, BW13]. **using** [BLD14b, BES00, BCGL18, BMM15, BK05b, BHMT13, BNC96, BG09, BHN10, CJW06, CSN04, CML12, CCM16, CCGS09, Cla92, CCP90, CLGS18, DAP08, Day90, Den03a, Den03b, DYN04, DKS01, DF93, DZTS08, DDR08, EAGA16, EBV01, FRR1, FSTR13, GH01, GFW06, HE01, HBF16, HE95, HD14b, HMB17, HHK07, HGA10, HHGJ15, HH98, HWAG09, HJS17, HSK14, HKSK18, IFDN12, JBG17, JGH11, JFSO06, Jon96, KNP07, KPIAS01, KPS10, KS14, KE97, KHH09, KS10,
[Dan96, FKS+10, GRT18, JKLS10, MSS+10, POS+11a, PA06, SRWS10, SK10, SP01, Thi01, XM15]. Vega [SSB13]. Vehicle [Arno08, CWL+15]. Velocity [RCB+17a]. Velocity-Based [RCB+17a]. Ventricle [SSM12]. Verification [Arno98d, CWS+17, MJ98, UW06, WFZ+15, PB95]. Verifying [AA09]. Versatile [ATO17, Dwy09, EBMT00, SSN18, MHH00]. Versatility [SHD15]. Version [ten82b]. Vertebra [ZVE+14]. Vertex [BG02, KBS11b, KBS00, MTAM12, NB15, WHD17]. Vertically [SM10]. Vertices [ADS06, LS08b, PPT+19, MM18]. Verve [Kni93]. Verve-voxel [Kni93]. Very [IP99, WH04]. Vessel [MMV+13, WV11, WV09]. Vessels [LGP14]. VFX [ATO17]. VI [Ano06c]. Via [CDM+17, DBF18, DFY14, LGW18, VCP09, AW00, BPY16, BS12b, BBB17, BSH15, CK14, CCC+14, CYI+12, DK11b, COC15, CRA+17, DHI16, GHX+17, GSGC08, GSZ11, HHS05, HFL12, HGF10, HKM15, IEKM16, JJKL18, JKL18, hKL17, Kho05, LK12, LZ07, LSW09, MCH18, MMM16, MJBC13, MRC96, MAM14, NO17, NMR+18, OMPG13, PWS12, PW17, RBF15, RB14, RSK09a, SAD+11, SAD+16, TLRB18, WLL+17, WSB15, WS09b, XXLX14, YXHH18, YHL+16, YY10, YWHB18]. VIBE [BSG+95]. Vibrations [KRRC09]. Video [AWCO10, BAAR14, BKY+16, BB00a, BZBM+16, BCS96, BIZ18, BHW11, BCK+12, BBPV03a, BBPV03b, BTP+17b, BCD+12, BMS+12, CRC+15, CMM16, CLHL08, CPZ+15, CCC08, DZD+16, DTV15, DRA10, DMS08, DP+17, DJZ+09, EWMU13, GVS+15, GO10, GO15, GH+10, GCW15, GKH14, GTK+12, GPR+15, HVM+08, HKMS08, HGB+10, HZF10, HZL11, IY10, IS15, JCK16, JWL+13, KS10, KJJC+11, KGAC15, KGRG17, KYC16, KHW13, KMN+08, KKK09, KK11b, LL00, LCC+17, LAA08, LJI10, LP15, LJZ15, LLN+14, LLCZ16, LMB+10, LLS+11, LDR09, MD19, MBDC15, OAIS09, OAI11, PCD12, PWS12, PG08, PSHZ+15, PV17, KJQ18, RGW05, RSO+12, RWG13, Sa96, SSK+05, SEAS09, SGMG17, SLW15, SDK+15, SPK10, SLT08, SSB+17, TX16, TSP05, TMD11, TMH11, WDC+08, WZH13, WW07, WS09a, WMTG05, WBM+18, WLSG03, XL10, XHS+18, YXHH18, ZHM08, ZTW+12, ZZZ15]. Video [ZLSW17, ZZLX17, CVCH14, EMU17, SMB14, SPCR14]. Video-Based [BB00a, BCD+12, GH+10, LL00]. Videos [CCM16, GTK+12, GPM+18, LJH10, LTK12, RSD+12, ZLSW17, ZCT18]. Vienna [CG07a, Des06, HB91, Pur07]. View [Arno96b, BCP11, BB00a, CKB04, ED07a, ESB98, ESC00, ESK03a, ESK03b, FNG+17, GPK+12, GRE59, HRE11, How87, hKTL+17, KMB+17, KBE19, KBB13, LYS+08, MTR08, MN87, MHR86, NPDD11, PRR89, REI+11, SBD15a, SLAM08, WBCGH11, WLI+12, XSS+15, ZHZ15, hHS90, DGR+14, GSC18, LSR17, LJJL+18, SM10, ZK92]. View-Adaptive [REI+11]. View-Dependent [CKB04, ED07a, ESB98, ESC00, GPK+12, KBB13, MTR08, NPDD11, SBD15a]. Viewfinder [AGP08]. Viewing [ALA+18, AS95, AWCO10, DMP07, Kra89, SS00, SJH08, SSS+00, TGS96, YK92]. Viewpoint [FM04, HVH+16, HK09c, LLB+10, TWC+16, WLSG03].
Viewpoint-Dependent [FM04]. Views [ABC+91, BRM+16a, CCC+14, DGF98, EHT18, EAGA+16, HLM97, HSH16, NK99, RSM+16, SS16, SNLH09, VBP+09]. Viewspace [COFHZ98]. VIMTEX [DKG15]. VIPS [CZCL13]. Viral [SCD+16]. Virtual [Ai98, AVF04, AJL+11, AWCO10, BB09, Bar05, BS+95, BAMA04, Bro95, Bry96, CWKS00, CN05, CBS07, CKE+12, CMT02, DJW+06, DDH+18, EBSC99, FBT99, FVHK17, Fuc04, GPMG10, GH01, GHB+17, Haa96, HMD05, HK00, HJJL07, JL98, KL14, KH95, KKK18, KW05, KRFC09, Kun04, LD04, Lam09a, LL01, LD06, LGM00, LLB+10, LW99, MC097, MO12, MG+10a, MT01, MKMA19, MG95, MSW02, MCG+19, MCB16, MFO00, MOK+00, MOT99, MLL+13, NNDJ12, PL+97, PP10, PO02, PIWB98, RKK12, RB03a, RB03b, RPA+15, SS00, SLE17, SS96a, SG96a, SSA+08, SRK13, STKD12, SWSML10, SYF11, STHB14, SD99, SD00, SPV+10, SDB99, SNLW01, SG96b, SGC04, TVK+09, TTLP02, XLTP03a, XTLP03b, YJD+18, Zar06, dSNV+17, JPCC14, MG96, TD00, VCDF95]. Virtual [Gob95, Gob96]. VirtualDesk [FFN18]. Virtually [KCB97]. Vis [VMH+13]. Viscoelastic [SLS04]. Viscosity [WKBB18]. Viscous [HLL+12, SKK10, TDF+15]. VisFM [LB19]. visibilities [WZC+11]. Visibility [AHL+06, AWJ13, AMS09, BEL13, BL14b, BNRS01, CSI09, CATM09, CAM08a, COS95, COFHZ98, EFH+13, ED07b, GKD07, GBP07, HD03a, HMB08, JEO00, LMS+16, LPK13, MB01, MAAG12, NRJS03a, NRJS03b, NB01, OPP02, ORDP96, PGD01, S00, SS07, SEA08, SG96b, UF13, WBP98, WVV+11, WWS01]. Visibility/Sampling [BEL13, EFH+13, UFK13]. Visible [ASVNB00, BGK+96, HD14b, MI184]. Vision [CRE88, DD04, GV05, MTK02, NT95, PO02, Sáro7, TO97, DMCN+17, NW91]. vision-based [DMCN+17]. Visitors [LBK14]. Vismon [WPO13]. VisRupt [DHK05]. VisTrails [SASF11]. Visual [ARLC+13, ARRO+17, ABW+15, ASB+17, AAS+16, ALA+18, BEF17, BAT11, BLY+11, BDF+14, BSW+14, BGB+08a, BWG08, BSBE17, BG08, BCBL13, BBBL11, BvLB11, BCO+05, BTB13, BJA+15, BCWR08, CD18, CBK+17, CCG14, CSG+18, CTS03a, CTS03b, CWB+14, CWL+15, CLY17, CAB+16, CG07b, CLWM11, CWS+17, DCK12, DI18, DFD+15, DPD+17, DWT+11, EASK18, ERT+17, FRRW16, FVHK17, Fra83, GVS+15, GOH+10, GLG+16, GHGW14, HRR+15, HK6, HKD+08, HSK+10, HJM+11, HS17, HMP+12, HMO+10, HSH16, HGRS+17, HV08, HCH14, HF16, HHD+12, IF09, IUDN10, JWC+11, JICS+17, JNM+09, JE13, JZF+09, JvdGMR19, KRD+15, KCJM16, KF10, KBH15, KH18, KMJE12, KCA+16, KvLB14, KGGP18, KL17, KWS+15, KVD+10, KKL+16b, La11, LCSL18, LKC+12, LKZ+15, LSS+12, LWPL+15, LB19, LZW+09, LJH13, LMHH14, LWT+15, LL09, LSH+17, LR+15, ME13]. Visual [MC02, MK08, MRL+17, MBC01, MNG17, MDF+18, MLD+18, MHH+15, MKO+08, MHDG11, NWHW16, NNN11, NHL16, OJS+11, OSR+14, OJMN+19, OAM+18, PSPM12, PGS+16, PJJ+14, PZDD19,
PFH^{+18}, PRW11, PW12, PD04, PTA^{+11}, PPF^{+11}, PEP^{+11b}, PEPM12, PH91, Pos11b, PWH11, PH13, PBC^{+16}, PV08, PKE15, PKE17, RvdHD^{+15}, RHS^{+12}, RL19, RKRD12, RSS12, RLH17a, RSK06, RRRP08, RWS^{+10}, RPLH11, RMH^{+18}, RG19, RH^{+12}, RSS97b]. Visualization [RPMO13, RSSL17, RMF12, RSS96, SMH10, SP97, SM11, SAMG14, SCD^{+16}, SGS18, SH14b, SVG^{+08}, SKR^{+14}, SMvdWvW15, SWS09, SGM^{+11}, SSA^{+08}, Sch11, SSSSW13, SGRT12, SEG^{+14}, STKD12, SHCB15, SPH11, SDB97, SASF11, SAA09, SJH08, STBG12, SvL16, SJJ15, SGG15, SBM^{+14}, SLSG16, SPT14, SSKS08, SHS^{+17}, SMP13, SMB^{+17}, Szy11, SBL12, TFA^{+11}, TLM16, TSYK01, TWC^{+16}, TLFC16, TA08, TE10, TK98, TCM10, TGK^{+17}, TSH01, TPRH11, ÜFE10, VW08, VR12, VM12, VW90, VMH^{+13}, VMO99, WH17a, WZC^{+11}, WZL^{+12}, WK12b, WFZ^{+15}, WT17, WG11, WKS^{+14}, Wat96, WTHS04, WTHS06, WGS10, WHT12, Wei04, VWKR08, WVVV08, WVV09, WHP^{+11}, WPH^{+12}, WAH^{+09}, WKM^{+09}, WAF^{+11}, WPW^{+11}, WTLY12, WCH^{+15}, WBFvL17, XYL09, YCLE09, YMM10, YBK^{+12}, YLRC10, YWTY12, ZLM^{+15}, ZM16, ZCH^{+16}, Kuh12, RF93, RRS97a, TWMSK18, Vol93, DKG15, Ano98b, Ano98c, CS16, CDD09, HLH^{+16b}, KM16, Kuh12, Ra05, San06, SvZ95, TLM16, Wei08]. Visualization-Based [BSK^{+17}]. Visualization-Guided [FMH16]. Visualization/NPR [CS16, HLH^{+16b}, KM16, TLM16]. Visualizations [BDA^{+17}, BEF17, BJG^{+15}, CDA^{+14}, GT15, KJC^{+09}, KLK17, MP10, MHDG11, OJS^{+11}, OJ15, PH17, SLB^{+18}, SS16, SSKB15, SSK16, SH14a, WV11]. Visualize [KMG^{+10}]. Visualizing [BD08, BKW13, BHW17, CKE^{+12}, CCP09, DPF16, FR11, FSTR13, GKL17, GBD09, GOB^{+10}, GSMA08, HJS^{+17}, HNR^{+04}, KLS^{+17}, L BK14, LMK^{+15}, LKD^{+17}, LMSF19, LFC14, MW18a, MUPM16, NGN^{+01}, OBH^{+11}, PRW11, PKRJ10, RW18, RTJ^{+11}, RGG18, SAMG14, SCD^{+16}, SAAF18, SMM13, STP17, SSSG16, TLC02, TA08, VBAW15, VBW17, WRS^{+13}, VWKR08, YWS^{+14}, ZFAC13, ZFA^{+16}, ZLMM16]. Visually [DW13, GLCC17, KFR18, SHS^{+17}]. Visualnostics [LKZ^{+15}]. Visyhallable [KMT03a, KMT03b]. ViviSection [KMS^{+13}]. Vivo [DHS^{+13}]. VLSI [ELM^{+83}, Mil84, N94]. Voids [BJG^{+15}]. Volume [ARC05, AGG^{+08}, AFK^{+14}, AAS^{+16}, AGDJ08, Ano04h, Ano05f, Ano06f, Ano06g, BAT11, BHP15, BHH13, BM15, BHS06, BRB^{+13}, BW01, BG07, BG09, BM10, BBP09, BES15, CCS95, CNCO15, CT00, CLE07, CCL10, CK13, Coc83, COF95, CMH^{+01}, CR16b, DHK08, DMNV12, DKC00, DC10, ENSD12, ER18, EPAS11, FBGP09, FK09, FE17, Fre18, FMH16, Frü94, GGM12, GHB15, GSMA08, HB96, HS04, HMK^{+95}, HWC^{+05}, HMB08, IP99, IY10, IYS^{+13}, JBB^{+09}, JZJ08b, JSYR14, JKK^{+18}, KZ08, KPNM10, KMS^{+13}, KMAB15, KVS^{+14}, KWN^{+14}, KUY09, LAM09b, LLA06, LLHY09, LBI12a, LG95, LGK09, LCD09b, LCD10, LWBP14, LA15,
Volume [RSK06, RSTK08, RRRP08, RPLH11, RGG14, RHC08, RMSGD+08, SHB07, SPH+09, SGM+11, SPBV10, SBS+17, SCM+09, SS15b, SGG15, SJF11, SMP+13, TSM+94, TOZ+11, TWC+16, TCM10, VCRG14, VPLL08, VGB14b, VKJ17, VHB16, WGS04, WW99, WZL+12, WK12b, WTL15, WCB15, WGS10, WE97, WRS01, WS09b, XSE14, YCLE09, YM06, ZM16, ZC18, hZCK98, ZR13, ZCG08, BLS93, CS99a, JZW14, Jon96, LN17, LN18, WZC11, YK92, GBKG04, FMK04]. Volume-Aware [TOZ11]. Volume-of-Fluid [CK13]. Volume-Surface [BHGS06]. Volumes [AMS16, BK03c, BK03d, BS03a, BS03b, BBA08, BBP09, CK10a, CIE16, CCI08, CLS16, DS11b, ESRT13, GMAG15, HRRR18, IYS13, JRJ11, KMS+13, NRP11, PPL13, PN97, RW08, SKZ11, SHZD17, TWC+16, VMTS10, WOHI3, WW11, WC02, WTZH18, XYM13, ZH14]. Volumetric [Baj03a, Baj03b, BNC96, DS02a, DN09, FAVM09, FBL16, GD10, GSZ11, GBKG04, GSW12, HDS03b, HDS03a, JRJ11, JZJ08b, JJKL18, JSY14, KKK18, KW05, LC99, LZQ13, ME04, MRAS17, NGHJ18, PK08, RSTK08, SJ+13, SVLL10, SKZ11, XSE14, YCL+17]. Voronoi [BPY16, DZM08, ERA+16, EDPB15, HHA17, LLW12, Man16, NB12, OPC96, PPT+19, QYZ17, QCW+18, RL09, SNA17, VC04, WHWB16, XLS+14, YLL+09, NL13, PPL13]. Vortex [GT18, GHC+11, MKP+16, OT12, PZKPH09, RSP02, SVG+08, YKH+09, ZDM+14]. Vortical [ZYF10]. Vorticity [HL13]. Voting [ATCO+10, SAD+16, TWC+16]. VOTS [GBKG04]. Voxel [Arf12, BLD14a, BK03a, BK03b, BGA04, BL86, Buc98, CNS+11, DKB+16, LZY04, LSZ08, RT08b, RT08a, SC95, WGS04, ZCO97, GGM12, Kn93]. Voxel-Shapes [RT08a]. Voxel-Traversing [ZCO97]. voxelisation [Jon96]. Voxelization [Lai13, LMCC17]. Voxels [CCC17]. VPLs [SHD15, TH17]. VR [BSG+95, BG07, CLE07, CG07b, DMPK07, EFGS96, GPM+18, LCC+17, LO95, SDB09]. VR-VIBE [BSG+95]. VRML [cLCTLL98]. vs [DBS+18]. Vulnerability [CKS+15, BKBM15].

Wake [PHTB12]. Walk [BPVR11, FMS01, Sbe97, SKCA01]. Walk-Through [FMS01]. Walkability [MKMA19]. Walking [CK11a, VSC01, XLL+10]. Walks [SR14]. walkthrough [AVF04]. Walkthroughs [GS09, GSA03a, GSA03b, PSC10, SSS00, TL01, WBP98, WS99]. Wall [GHB+17, KKTD17, MPM16, NLB+13]. Ward [GMD10]. Warping [AGP08, AR95, BPBD08, BMS+12, CSD11, CG16b, FLW00, KWSH+13, LSR17, NREM14, RRS12, SC10, SL08, WGG99]. was [AKMM11]. Washington [CP88]. Watch [RKGS18]. Water [BSW10, IDN03a, IDN03b, KL19, PHTB12, RSKN08]. Watercolor [PPW18]. Waterfall [EPCV15]. Watermarking [hKL00, OMT02, YI10]. Watermarks [BB00b]. Waters [PA01]. Watershed [FBW01].
Watershed-from-Markers [FBW01]. Watertight [vKvLV13]. Wave [ATBG08, EBR+14, KMN+05, KL19, MMRO13, OKG+10, VWH18, WND+14, ZCG08]. Wave-Based [ZCG08]. Wave-Optical [VWH18].

Waveform [Pic86b]. Wavefront [LSS98]. Wavejets [BDC18]. Wavelength [MRT08, WND+14]. Wavelet [BLY+11, CDS16, GMY97, HA17, IP99, LF00, LG95, MS11a, MP12a, PB94, RLH+17b, RLH+18, SGCH94, TSP05, WMB15, ZQQS08]. Wavelet-Based [IP99, BLY+11].

Wave-Related [ATBG08, EBR+14, KMN+05, KL19, MMRO13, OKG+10, VWH18, WND+14, ZCG08]. Wave-Related [ATBG08, EBR+14, KMN+05, KL19, MMRO13, OKG+10, VWH18, WND+14, ZCG08].

Wave-Band [ZCG08]. Wave-Optical [VWH18]. Wavelet-Based [IP99, BLY+11]. Wave-Related [ATBG08, EBR+14, KMN+05, KL19, MMRO13, OKG+10, VWH18, WND+14, ZCG08]. Wave-Related [ATBG08, EBR+14, KMN+05, KL19, MMRO13, OKG+10, VWH18, WND+14, ZCG08].
REFERENCES

Heg90, Hég91, Hew90, Jan91, Kon06, Kui91, Kun04, Kwi89, LSF+11, LMD04, Le 90, Lis90, Mac85, MJ98, Mar82, Mum86, NSGP06, Ott90, PB95, PH91, PS10, PS96b, Rei03, Ros82, SvZ95, Sch85, Sch98, TT95b, TvdP98, Vel91, tHS90, CG07a, Kje91a. Workshops [Gob95, Gob96, WBP11]. Workspaces [CG07b]. Workstation [Bak88, Wil84]. workstations [HP83]. World [IK01b, LWB14, MG87, NK99, PDP+15, SDM99, Thi11, VW08, YMM06, Cai95, CP88, RHM+12, Wat96]. World-Wide [Cai95]. Worlds [Bro95, GPMG10, cLCTLL98, MGG+10a, SWML10, STBB14]. Worn [KÖH13]. WPPG97 [Ano98e, AS98]. Wrapping [KVS99]. Wrinkles [KÖS+15]. Wrinkling [Lov06, PZB+09]. Write [Lar10]. Writings [XJ+08]. www.ee.org [Che06]. WYSIWYG [SD94a].

X [Bow92, DSS90, HRR18]. X-Rays [HRR18]. X3H3 [Arn84]. XGKS [RS90]. Xplorer [CD18].

Yarn [LMMCO17]. Yarn-Level [LMMCO17]. Year [APH+12, Dav07, Owe88, Owe89b, Owe94, Owe90b, Owe92a, Owe92b, Owe93, Owe95]. Years [Ano84a]. Yes [Mac94]. Young [Bot07, Bru11, Eis11, Kau07]. Yugoslavia [th83a, Suz89, SW83]. Yugraph [Duc90b].


References

Adamson:2006:APS


Aliaga:2009:CMG


Andujar:1996:AGM

C. Andujar, D. Ayala, P. Brunet, R. Joan-Arinyo, and J. Sole. Automatic generation of multiresolution boundary representa-
REFERENCES

127


**Ancuti:2009:CPI**


**Andrienko:2010:SCS**


**Aichholzer:2009:RRS**


**Aanjaneya:2018:EST**


**Amirkhanov:2016:VDA**

REFERENCES


REFERENCES


REFERENCES

Averbuch-Elor:2016:DDI

Arnold:1982:EUC

Abi-Ezzi:1994:FDT

Abi-Ezzi:1990:FHT

Averbuch-Elor:2015:ICD

AlBorno:2014:APB
Amirkhanov:2014:HLD


Afra:2012:IRT


Akkouche:2001:AIS


Atlan:2006:IME


Asafi:2013:SAW


Anderson:2008:FFE

REFERENCES


REFERENCES


REFERENCES


REFERENCES

CODEN CGFODY. ISSN 0167-7055 (print), 1467-8659 (electronic).


Ahlers:1995:DAR


Akeley:2011:ITP


Averkiou:2016:ADE


Aigner:2011:BWR


Adams:2005:PER


Abbasinejad:2009:RIS

Alam:2015:GVQ


Averkiou:2014:SCF


Andrienko:2018:VVA


Aristidou:2018:IKT


Alexa:2002:RAM


Ascani:1992:PPI

REFERENCES


Abdelkader:2017:TCR


Aydin:2009:HPG


Adsul:2016:PVI


Attene:2008:THC


Ar:2002:DSO


Auer:2012:RTF

REFERENCES


REFERENCES


REFERENCES


146

REFERENCES


REFERENCES

Anonymous:1995:AR

Anonymous:1995:CCa

Anonymous:1995:CCb

Anonymous:1995:CCc

Anonymous:1995:E

Anonymous:1995:EM

Anonymous:1995:EMC

Anonymous:1995:ECPa
REFERENCES

Anonymous:1995:ECPb


Anonymous:1995:ECO


Anonymous:1995:EU


Anonymous:1995:EUC


Anonymous:1995:FEW


Anonymous:1995:GAM


Anonymous:1995:GEA


Anonymous:1995:JNa

Anonymous:1995:JNb


Anonymous:1995:JNc


Anonymous:1995:NSa


Anonymous:1995:NSc


Anonymous:1995:NSb


Anonymous:1995:SA


Anonymous:1995:SEW


Anonymous:1996:EWG

Anonymous:1996:AR


Anonymous:1996:EWP


Anonymous:1996:CS


Anonymous:1996:CCa


Anonymous:1996:CCb


Anonymous:1996:ECPa


Anonymous:1996:ECPb


Anonymous:1996:E

REFERENCES

Anonymous:1996:EUCa

Anonymous:1996:EUCb

Anonymous:1996:EAC

Anonymous:1996:JNa

Anonymous:1996:JNb

Anonymous:1996:JNc

Anonymous:1996:MVE

Anonymous:1996:NSb
REFERENCES

Anonymous:1996:NSa

Anonymous:1996:PAC

Anonymous:1996:RP

Anonymous:1997:CCa

Anonymous:1997:CCb

Anonymous:1997:CCc

Anonymous:1997:EWG
REFERENCES

Anonymous:1997:EWD


Anonymous:1997:EWV


Anonymous:1997:EWR


Anonymous:1997:AR


Anonymous:1997:BRa


Anonymous:1997:BRb

REFERENCES

Anonymous:1997:BRc


Anonymous:1997:CEb


Anonymous:1997:CEc


Anonymous:1997:CEa


Anonymous:1997:EEA


Anonymous:1997:ENS

REFERENCES

Anonymous:1997:EUA


Anonymous:1997:EUCa


Anonymous:1997:EEW


Anonymous:1997:ECCb


Anonymous:1997:Ea


Anonymous:1997:EAa

Anonymous:1997:EBH


Anonymous:1997:Ec


Anonymous:1997:ECCa


Anonymous:1997:EUCb


Anonymous:1997:Eb


Anonymous:1997:FAC

REFERENCES

Anonymous:1997:FEW


Anonymous:1997:GAM


Anonymous:1997:ICG


Anonymous:1997:ISA


Anonymous:1997:JNA

REFERENCES

(offline)


REFERENCES


REFERENCES

Anonymous:1998:EWPb


Anonymous:1998:EWC


Anonymous:1998:EWRb


Anonymous:1998:EWRa


Anonymous:1998:EWRc


Anonymous:1998:EWV

Anonymous: 1998: Aa


Anonymous: 1998: Ab


Anonymous: 1998: BRa


Anonymous: 1998: BRb


Anonymous: 1998: BRc

Anonymous:1998:CEa


Anonymous:1998:CEb


Anonymous:1998:CEc


Anonymous:1998:CI


Anonymous:1998:EA


Anonymous:1998:ECS

REFERENCES

Anonymous:1998:EDN


Anonymous:1998:ERb


Anonymous:1998:ERa


Anonymous:1998:JNa


Anonymous:1998:JNb


Anonymous:1998:NSa

REFERENCES

Anonymous:1998:NSb


Anonymous:1998:SEW


Anonymous:1999:Aa


Anonymous:1999:Ab


Anonymous:1999:BRa


Anonymous:1999:BRb


Anonymous:1999:CE

REFERENCES

Anonymous:1999:Eb


Anonymous:1999:Ea

Anonymous:1999:Ec

Anonymous:1999:Ed

Anonymous:1999:ERa

Anonymous:1999:ERb
Anonymous:1999:ERc


Anonymous:1999:PAC

Anonymous:1999m


Anonymous:2000:A

Anonymous:2000b


Anonymous:2000:BRb

Anonymous:2000c


Anonymous:2000:CS

Anonymous:2000d

REFERENCES


Anonymous:2001:Eb


Anonymous:2001:Ed


Anonymous:2001:Ee


Anonymous:2002:BR


Anonymous:2002:CS


Anonymous:2002:Ea


Anonymous:2002:Eb


Anonymous:2002:Ec

REFERENCES

Anonymous:2002:ERa


Anonymous:2002:ERb


Anonymous:2002:ERc


Anonymous:2002:ERd


Anonymous:2003:A


Anonymous:2003:CGF


Anonymous:2003:CGP


Anonymous:2003:E


REFERENCES

Anonymous:2004:ERS


Anonymous:2004:IAI


Anonymous:2005:EEE


Anonymous:2005:EEG


Anonymous:2005:ECC


Anonymous:2005:ENE


Anonymous:2005:ERS

REFERENCES

Anonymous:2005:IAI

Anonymous:2005:REA

Anonymous:2006:E

Anonymous:2006:EEG

Anonymous:2006:ECC

Anonymous:2006:ENE

Anonymous:2006:ERS
REFERENCES


Anonymous:2008:ARN

Anonymous:2008:BR

Anonymous:2008:ITF

Anonymous:2008:REG

Anonymous:2008:RCAa

Anonymous:2008:RCAb

Anonymous:2009:E

Anonymous:2009:ITF
Anonymous:2009:REG

Anonymous:2009:RNE

Anonymous:2010:REG

Anonymous:2010:RNE

Anonymous:2010:RRS

Anonymous:2010:RR

Anonymous:2011:IIIa
REFERENCES


Anonymous:2012:IIIc


Anonymous:2012:REG


Anonymous:2012:RNE


Anonymous:2012:RRS


Anonymous:2012:RR


Anonymous:2013:Ea


Anonymous:2013:Eb

REFERENCES


Anonymous:2013:RR

Anonymous:2014:IIa

Anonymous:2014:IIb

Anonymous:2014:IIc

Anonymous:2014:RR

Anonymous:2015:AWI

Anonymous:2015:E

Anonymous:2015:Fa
Anonymous:2015:Fb

Anonymous:2015:Fc

Anonymous:2015:F

Anonymous:2015:IIa

Anonymous:2015:IIb

Anonymous:2015:II

Anonymous:2015:R

Anonymous:2016:FMa
Anonymous:2016:FMb

Anonymous:2016:FMc

Anonymous:2016:FMd

Anonymous:2016:FMe

Anonymous:2016:FMc

Anonymous:2016:FM

Anonymous:2016:IIa

Anonymous:2016:IIb
REFERENCES


Anonymous:2017:FMe


Anonymous:2017:FMf


Anonymous:2017:FMg


Anonymous:2017:IIa


Anonymous:2017:IIb


Anonymous:2017:IIc


Anonymous:2017:R


Anonymous:2018:FMa

Anonymous:2018:FMb

Anonymous:2018:FMc

Anonymous:2018:FMd

Anonymous:2018:FMe

Anonymous:2018:FMc

Anonymous:2018:FMg

Anonymous:2018:FMh

Anonymous:2018:IIa
REFERENCES

Anonymous:2018:IIb

Anonymous:2019:B

Anonymous:2019:II

Arabnia:1986:FOR

Arabnia:1987:ARR

Arabnia:1989:TNF

Azevedo:2013:ASE

Anantakrishnan:1992:ICA
REFERENCES


REFERENCES


Aigner:2012:TSD


Abdul-Rahman:2013:TRB


Arpa:2015:PIC


Arnold:1984:RAX


Arnold:1989:REC


Arnold:1991:ECE

Arnold:2008:SPE


Abdul-Rahman:2017:CVA


Arya:1984:FAP


Arya:1986:FAA


Abas:1992:GGT


Aref:1995:APV

REFERENCES


REFERENCES

Ábra:2014:SMB

Afra:2014:SMB

Andújar:2000:IOC

Andujar:2000:IOC

Ament:2014:RCI

Ament:2014:RCI

Andrysco:2010:AMT

Andrysco:2010:AMT

Angst:2008:ARE

Angst:2008:ARE

Au:2010:SMM

Au:2010:SMM
REFERENCES


REFERENCES

Azencot:2018:ESP


Andujar:2004:NCB


Agrawal:2010:IPR


Ashraf:2000:GCM


Assa:2007:ICD


Auer:2013:ASS

REFERENCES


Arbree:2008:RSS


Assa:2010:VVD


Auzinger:2013:VAV


Adams:2010:MSM


Azencot:2014:SSF


AlHalawani:2013:SCI


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


Boulanger:2008:RTR


Busking:2009:VRD


Busking:2010:NAS


Blanz:2003:FSR


Blanz:2003:RFI


Behrisch:2016:IVT


Budge:2009:GCD

REFERENCES


[Bordeux:1999:EFP]

[BBT99]

[Barla:2006:MIS]

[Benard:2011:SAR]

[Boissonnat:2001:CFS]

[BC01]
Seungbae Bang, Byungkuk Choi, Roger Blanco i Ribera, Meekyoung Kim, Sung-Hee Lee, and Junyong Noh. Charac-
Biasotti:2016:RTA


Boukhelifa:2013:EEV


Ben-Chen:2010:SDK


Banterle:2012:LMS


Bourguignon:2001:DIA


Bezerianos:2010:GGS

REFERENCES

Borgo:2012:SAR

Banterle:2013:IPS

Branco:1994:SMI

Behrendt:2005:MNR

Barequet:1996:BHR

Ben-Chen:2008:PTC
Mirela Ben-Chen, Craig Gotsman, and Guy Bunin. Parameterization and transformations: Conformal flattening by curvature


REFERENCES


Bando:2003:AHL


Bando:2003:AFH


Bando:2011:IEM


Brosz:2011:ODF


Bousseau:2011:RMO


Bousseau:2012:RSV

REFERENCES


REFERENCES

July 2016. CODEN CGFODY. ISSN 0167-7055 (print), 1467-8659 (electronic).


REFERENCES


Benest:1994:SED


Bertails:2009:SAH


Bimber:2000:ARB


Bussler:2015:VRP


Bender:2014:ISR


Bez:1984:NMC


Bernstein:2009:MSF

REFERENCES

1269–1278, July 2009. CODEN CGFODY. ISSN 0167-7055 (print), 1467-8659 (electronic).

Belyaev:2015:VPB


Bogl:2017:CPR


Buhmann:1998:DCQ


Bermano:2017:SAM


Brodlie:1982:DN


Brodlie:1985:RWV

REFERENCES


Bruckner:2009:VRI


Borro:2004:AOV


Bidmon:2008:VAV


Brouillat:2008:IPD


Baer:2011:EPE


Bogomjakov:2008:PMD

2008. CODEN CGFODY. ISSN 0167-7055 (print), 1467-8659 (electronic).


Baxter:2006:DLD


Bijl:1987:MDT


Bikker:2012:IDL


Bajaj:2004:SOL


Bimber:2008:SAR


Bertholet:2018:TCM


Brunet:1994:PRC

REFERENCES


Bhatia:2018:IIT


Bar-Joseph:2003:CHC


Bhagvat:2009:GRR


Byska:2015:BVM


REFERENCES

Bazin:2016:IVP


Bright:1986:SSV


Burley:2008:TPP


Bukenberger:2018:HQM


Blake:1988:RTE


Banterle:2009:PEI


Baert:2014:CCS

REFERENCES


REFERENCES

Bo:2017:FDP


Budninskiy:2017:SKS


Benard:2010:DNP


Benhabiles:2011:LBE


Bowers:2011:RTR


Barlowe:2011:BDV

REFERENCES


REFERENCES


REFERENCES


[Breen:2001:MBD] David E. Breen, Sean Mauch, Ross T. Whitaker, and Jia Mao. 3D metamorphosis between different types of geometric models.
Birsak:2014:MNA


Bruneton:2008:ISB


Bruneton:2008:PMP


Bruneton:2012:MMR


Bro-Nielsen:1996:RTV


Bruneton:2010:RRT

REFERENCES

Blumer:2016:RRR


Bitterli:2015:SPM


Brandes:2013:ITG


Brunet:2001:HCC


Birklbauer:2013:RRG


Bilgili:2011:GBR


Bono:1985:RTM

REFERENCES

Botsch:2007:RYR

Bouatouch:1988:TDP

Bouatouch:1990:REW

Bovey:1990:BLD

Bowen:1992:XWZ

Brodlie:1982:REW

Brodlie:1983:AIG
REFERENCES

Brodlie:1983:REW


Bao:1993:PRA


Bao:1998:IM


Briere:2001:ARS


Besuievsky:2013:CLP


Bruneau:2017:EEA


Bosch:2019:CIB

REFERENCES


REFERENCES


REFERENCES

Benjamin:2011:MSP


Barton:2014:GAR


Botsch:2007:DAS


Bennett:2016:VAP


Bouatouch:1996:CHO


Banerjee:1996:TEE

Baranoski:1997:ART


Bernardini:2002:MAP


Baranoski:2007:RPP


Bramon:2013:FIT


Bashford-Rogers:2012:SCA


Bertini:2009:USI


REFERENCES


REFERENCES


REFERENCES


**Barrielle:2016:FMB**


**Bobenrieth:2018:RFS**


**Brandt:2017:SPT**


**Benford:1995:VVV**


**Bagher:2012:MAA**


**Brandt:2015:SMO**

REFERENCES


REFERENCES

C433, ????, 1992. CODEN CGFODY. ISSN 0167-7055 (print), 1467-8659 (electronic).

Blanz:2004:RAF


Bagar:2010:SRL


Bachthaler:2012:TMF


Bernard:2014:DRV


Boulic:1992:CDI


Bandi:1995:ASS

S. Bandi and D. Thalmann. An adaptive spatial subdivision of the object space for fast collision detection of animated


**Bonneel:2017:DML**


**Bharaj:2012:AAR**


**Buchanan:1996:SEH**


**Buchanan:1998:SWU**


**Buhler:2001:LIE**


**Burton:1995:TDC**

REFERENCES

Buttenfield:1994:MPG

Bercovier:1996:EDM

Bercovier:1999:HBS

Barequet:2009:RIS

Boehs:2019:SIL

Bremm:2011:PSA
Brandt:2016:CSG


Barn:1987:GIM


Baciu:2000:IGN


Brodlie:2001:RAV


Bo:2007:SGC


Bachthaler:2009:SEA

<table>
<thead>
<tr>
<th>References</th>
<th>Authors</th>
<th>Title</th>
<th>Journal and Volume, Pages, Date</th>
<th>CODEN</th>
<th>ISSN (print), ISSN (electronic)</th>
</tr>
</thead>
</table>
REFERENCES


[BYB09] Dobrina Boltcheva, Mariette Yvinec, and Jean-Daniel Boissonnat. Meshing-simplex: Feature preserving Delaunay mesh gen-

[Bai:2016:CAD]


[Back:2018:FGA]


[Bao:1995:SCL]


[Ben-Zvi:2016:LDV]


[Bernard:2018:TUC]


[Chalmers:2005:RVN]


REFERENCES


REFERENCES

Chandrasegaran:2017:IVA
Chandrasegaran, Senthil; Karthik Badam, Sriram; Kisselburgh, Lorraine; Ramani, Karthik; Elmqvist, Niklas. Integrating visual analytics support for grounded theory practice in qualitative text analysis. *Computer Graphics Forum*, 36(3):201–212, June 2017. CODEN CGFODY. ISSN 0167-7055 (print), 1467-8659 (electronic).

Crespin:1996:ISO

Coelho:2007:EMV

Claici:2017:MPI

Chiang:2016:RTP

Claux:2014:SIC
Claux, Frédéric; Barthe, Loïc; Vanderhaeghe, David; Jessel, Jean-Pierre; Paulin, Mathias. Surfaces II: Crack-free rendering of dynamically tesselated B-rep models. *Computer Graphics*
REFERENCES


REFERENCES


REFERENCES


Ceylan:2017:DSV


Cazals:1995:FCH


Corsini:2009:IBM


Crane:2010:DGT


Cioaca:2016:GBW


Cazals:2014:GGA

Cordonnier:2018:IGT


Cai:2018:SED


Chen:2016:MSM


Casciani:1984:ACQ


Coeurjolly:2016:RPS


Coltelli:1993:AQD


Civit-Flores:2014:RTD

[CFS14] O. Civit-Flores and A. Susín. Robust treatment of degenerate elements in interactive corotational FEM simulations. Compu-
REFERENCES


[CFT86]


[CG02]


[CG07a]


[CG07b]


[CG12]


[CG16a]

[Chen:2016:IEP] Renjie Chen and Craig Gotsman. Image editing & processing: Generalized as-similar-as-possible warping with applications in...


REFERENCES


REFERENCES


REFERENCES

1750–1760, September 2011. CODEN CGFODY. ISSN 0167-7055 (print), 1467-8659 (electronic).


[CKHL11] Myung Geol Choi, Mannyung Kim, Kyung Lyul Hyun, and Jehee Lee. Motion capture, simulation, and manipulation: Deformable motion: Squeezing into cluttered environments. Com-


[CKSW08] Nicolas Cuntz, Andreas Kolb, Robert Strzodka, and Daniel Weiskopf. Flow advection and geometry processing: Particle
REFERENCES


Marcio Cabral, Sylvain Lefebvre, Carsten Dachsbacher, and George Drettakis. Interactive cities and terrain: Structure-


[CLH+08] Chih-Wen Chang, Wen-Chieh Lin, Tan-Chi Ho, Tsung-Shian Huang, and Jung-Hong Chuang. Rendering and simplifica-
REFERENCES

274


**Chen:2008:MIC**


**Chen:2015:DPD**


**Castro:2008:SOO**


**Corsini:2013:PMS**


**Chiu:2015:DPT**


**Chazal:2009:EDC**

[CLM09] F. Chazal, A. Lieutier, and N. Montana. Edges: Discrete critical values: a general framework for silhouettes computa-
REFERENCES

Chen:2009:SCP

Cherchi:2016:PVP

Chen:2008:SSP

Crnovrsanin:2011:GNV

Chen:2017:SMV

Clausen:2018:AVS
REFERENCES


REFERENCES


REFERENCES


Cook:2005:IPM


Carriere:2015:DSS


Coquillart:1985:DRF


Cohen-Or:1995:VDZ


Cottingham:1985:CDS


Carr:1988:RCR


Coll:2010:ASM

REFERENCES


REFERENCES


REFERENCES


Coquillart:1999:Eb

Coquillart:1999:Ec

Chang:2000:PBP

Cardona:2016:VNT

Chen:2013:RCF

Cheng:2018:LSI

Chaurasia:2011:GRS


REFERENCES

Chen:1999:ALS

Chica:2008:PSI

Chen:1992:DEC

Casas:2014:IIV

Caillaud:2016:GPC

Chambers:2015:CMA

Chica:2008:PSI


REFERENCES


REFERENCES


REFERENCES

Chang:2008:RDS


Chang:2009:CMR


Chen:2008:VNA


Cotting:2005:GHA


Chen:2011:MCS


Chen:2018:PBF


REFERENCES

1988. CODEN CGFODY. ISSN 0167-7055 (print), 1467-8659 (electronic).

Day:1990:ICH


Day:1992:NTD


Dinev:2018:UGL


DeMey:1992:VCM


Deng:2013:SME


Dumont:1999:PAT


deBruin:1993:DGU


Du:2010:VRC


Dubois:1987:GAR


Darles:2011:SOS


Dasgupta:2012:UCV


Dasgupta:2013:MPU


<table>
<thead>
<tr>
<th>Reference</th>
<th>Authors</th>
<th>Title</th>
<th>Journal</th>
<th>Volume</th>
<th>Issue</th>
<th>Pages</th>
<th>Date</th>
<th>CODEN</th>
<th>ISSN</th>
</tr>
</thead>
</table>


[DER+10] Piotr Didyk, Elmar Eisemann, Tobias Ritschel, Karol Myszkowski, and Hans-Peter Seidel. Rendering II: Perceptually-motivated real-time temporal upsampling of 3D content for


DeFloriani:2015:SAR


deFigueiredo:2003:APC


Du:2014:RSP


Dischler:1995:GBM


Dischler:1997:PDG


Derzapf:2012:DFP

BER 2012. CODEN CGFODY. ISSN 0167-7055 (print), 1467-8659 (electronic).


REFERENCES


REFERENCES


REFERENCES


Diepenbrock:2013:MVC


Deussen:2000:FPM


deHoon:2014:BMF


Devkota:2018:CDV


Diamond:1984:ACG


Duce:1988:EPE

REFERENCES


REFERENCES


REFERENCES

Du:2016:RTA


Dobashi:1996:MCS


Doggett:2004:RGH


Dong:2005:CPI


Davis:2012:LFR


Deng:2012:GMB


REFERENCES

DeHaan:2007:IVV


Dischler:2002:TP


Diaz:2012:VVR


DeFloriani:1993:ECL


Dobos:2014:SCF


Digne:2011:SSM

Dobashi:2008:FSF


Deng:2008:ESA


Decaudin:2009:VB


Dingliana:2000:GDC


DellaVentura:1993:PES


Duce:1993:FSG

REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


Dai:2015:IVP  

Duce:1982:EWF  

Duce:1982:GUG  

Duce:1985:CSU  

Duce:1986:TWD  

Duce:1989:EUC  

Duce:1990:REW  
REFERENCES


REFERENCES


REFERENCES

Diamanti:2014:CFD


Duce:1990:AHI


Demir:2013:SPH


Diepstraten:2002:TIT


Diepstraten:2003:ICI


Diepstraten:2003:NPR


DeToledo:2008:GTA

REFERENCES

2008. CODEN CGFODY. ISSN 0167-7055 (print), 1467-8659 (electronic).


REFERENCES


[ED07a] E. Eisemann and X. Décortet. On exact error bounds for view-


REFERENCES


Encarnacao:1996:PUT

Elshehaly:2015:MMM

Eppstein:2008:PQT

Engel:2013:ATH

Eckert:2018:CFD

Endo:2016:DDI


Elber:1995:SNC

Elber:1999:ILA

Encarnacao:1983:VIG

Edmunds:2012:FVA

Engelke:2019:API

Eisenacher:2008:TAT


REFERENCES


REFERENCES


REFERENCES

Eckstein:2001:TMH


Evers-Senne:2003:IBI


Evers-Senne:2003:PEI


Ezuz:2017:MPG


Engelhardt:2014:LCS


Elhayek:2015:OHM


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


[FHHJ18] Yu Fang, Yuanming Hu, Shi-Min Hu, and Chenfanfu Jiang. A temporally adaptive material point method with regional time


Frank:2009:CDP


Falk:2013:AVM


Fuchs:2013:DFF


Ferstl:2016:PFV


Fuchs:2010:VTT


Ferreira:2013:VFV

REFERENCES


REFERENCES

Formella:2004:VDA


Fujisawa:2015:SVE


Faconti:2000:HCI


Frohler:2016:VDA


Fujishiro:2004:RVG


Fradin:2006:HTB

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

Farrugia:2004:SGI


Fratarcangeli:2015:BMS


Faridul:2016:CMR


Fan:2008:GRR


Falcidieno:1992:TMC


Frohlich:2000:IMI

Ferdosi:2011:MDV


Franke:1983:NVA


French:1990:GGS


Frey:2018:STC


Fruhauf:1994:RNS


Firby:1985:ICG


Fong:1991:CPM

Felger:1992:VIP


Floater:2008:BCP


Frisvad:2014:PDS


Fioravante:2013:BSV


Furtado:1993:SSM


Fuchs:1997:BTS

Fuchs:2004:IPI


Filip:2014:RTB


Firmin:2015:CDM


Filip:2017:PVP


Froumentin:1999:ERC


Flotynski:2017:OBR

REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES

2016. CODEN CGFODY. ISSN 0167-7055 (print), 1467-8659 (electronic).


REFERENCES


REFERENCES


[GDAU14] I. Garcia-Dorado, D. G. Aliaga, and S. V. Ukkusuri. Animation III: Designing large-scale interactive traffic animations for ur-


REFERENCES

Gervautz:1992:CSA


Ghani:2012:IDU


Garces:2017:ILF


Gunther:2006:ARR


Gunther:2014:DCS


Gunther:2015:ACI


Genevaux:2015:TMF


Grinspun:2006:MPC


Genetti:1998:ASO


Gibson:1996:EHR


Gibson:1997:PDR


Gu:2015:RTR


<table>
<thead>
<tr>
<th>Reference</th>
<th>Citation</th>
</tr>
</thead>
</table>


Guerrero:2018:PLL

Graham:2011:BDV

Georgiev:2012:LRI

Gopiy:2000:SRB

Gunther:2016:FVM

Giertse:1994:VGA


REFERENCES


REFERENCES


Gamito:2006:AAS


Gerhards:2015:RTR


Gobbetti:2006:GCD


Geisler-Moroder:2010:CGT


Grave:2009:MDG


Garces:2012:IAE

REFERENCES

Glondu:2012:MSE


Gain:2015:PPM


Guthe:2009:BCP


Guo:1997:SRU


Galbraith:2004:NPA


Gaddipatti:1997:SIG


REFERENCES


REFERENCES

CODEN CGFODY. ISSN 0167-7055 (print), 1467-8659 (electronic).


REFERENCES


Gkaravelis:2018:LOD


Gu:2009:CHM


Grosbellet:2016:EOA


Galin:2011:PMN


Grittmann:2018:ECR


Germann:2012:LFR

REFERENCES


REFERENCES


Grottel:2010:ACC


Green:1984:RDS


Greenaway:1985:EPV


Greiner:1994:VDF


Greiner:1997:CE


Greiner:1998:CE


REFERENCES


REFERENCES

Ganapathi-Subramanian:2016:FCS


Gunther:2012:EDE


Gregson:2011:SAH


Gunther:2015:FVF


Gunther:2016:FVS


Gunther:2016:VIS


REFERENCES


Gu:1986:ROO


Goferman:2010:SCP


Guedj:1982:BHM


GuimaraesBaranoski:1992:PDM


Guillen:2017:GTA


Guo:1993:NMP

REFERENCES


REFERENCES


REFERENCES


REFERENCES

Habel:2013:SSM  

Hsu:1993:NAG  

Huang:2018:SFM  

Huang:2016:MIR  

Hefetz:2017:SAV  

Hopgood:1986:A  

Hubner:1989:TOO  
REFERENCES


REFERENCES


REFERENCES


<table>
<thead>
<tr>
<th>Code</th>
<th>Author(s)</th>
<th>Title</th>
<th>Journal</th>
<th>Volume</th>
<th>Issue</th>
<th>Pages</th>
<th>Year</th>
<th>ISBN</th>
</tr>
</thead>
</table>
Hnaidi:2010:MFB

Hoferlin:2010:AVV

Heywood:1984:WGS

Hummel:2011:CCI

Hua:2017:GDP

Henz:2018:DJD
REFERENCES


REFERENCES


Hiller:2003:NPR


Hulusic:2012:ARA


Hostettler:2015:SDB


Hullin:2012:OPO


Herzog:2007:GIG


Havran:2019:ISR

REFERENCES


REFERENCES


REFERENCES


[Han16] D. Han and J. Keyser. Deformable & soft objects: Effect of low-level visual details in perception of deformation. *Comput-
REFERENCES

Herholz:2015:QPP


Kim:2007:ICI


Hao:2008:VAD


Hanika:2015:LPI


Heck:2006:ASU


Hullman:2017:FCP

Kim:2000:RMW


Huang:2015:DSS


Herzog:2008:PRA


Ha:2009:FFW


Hwang:2018:RTL


Kim:2017:CSS

Habel:2009:AAT


Habel:2012:CPP


Harris:2001:RTC


Huang:2002:ALC


Hsu:2003:FFB


Hsu:2003:MFF


Hsu:2003:SMB

REFERENCES


REFERENCES

Herholz:2015:FAF


Hofsetz:2008:OSV


Hendrich:2017:PBC


Hamill:2005:PPE


Hesser:1995:TAV


Ha:2013:APS


Herghelegiu:2012:MVB


**Horvath:1992:RCB**


**Herzog:2009:SGI**


**Hadap:2001:MDH**


**Heckel:2013:SBE**


**Herzog:2015:CML**


**Haber:2001:PGC**

REFERENCES

---


Han:2014:APB


Hurtado:2004:VOM


Huang:2017:SAV


Holton:1994:SGB


Holzschuch:2015:ACS


Hopgood:1984:S

Horn:1990:III


Howard:1987:VE


Howard:1989:APB


Howard:1990:TSN


Howard:1991:BRa


Howard:1991:BRb


Howard:1991:BRc


Howard:1997:BR

REFERENCES


REFERENCES

CODEN CGFODY. ISSN 0167-7055 (print), 1467-8659 (electronic).


REFERENCES


REFERENCES


REFERENCES


Hamel:1999:CRU


Hasegawa:2004:SHS


Hormann:2008:BCM


Heinzl:2017:SVC


Hlawatsch:2013:ITS


Hensley:2005:TFS

[HSC+05] Justin Hensley, Thorsten Scheuermann, Greg Coombe, Montek Singh, and Anselmo Lastra. Texture: Fast summed-area table
REFERENCES

Hoffswell:2016:CVI

Hlawatsch:2014:VPG

Hao:2010:AVA

Hwang:2014:CAE

Ho:2013:AST

Hadwiger:2005:RRT
Markus Hadwiger, Christian Sigg, Henning Scharsach, Khatja Bühler, and Markus Gross. Rendering I: Real-time ray-casting


Huang:2009:AVT


Hua:2017:BDP


Hubl:1993:NCO


Holten:2008:VTV


Holten:2009:GVF


Holten:2010:MDE


Hasan:2008:GIT

Heinrich:2016:BDV


Hermans:2008:VRA


Hermosilla:2018:GIM


Hunter:1991:CQE


Harvey:2010:NAS


Hafner:2016:VIF


Iwasaki:2002:EMR


Iwasaki:2003:FRM


Iwasaki:2003:GIF


Isenberg:2008:USU


Inglis:2017:PDO


Iizuka:2014:ORB

Iizuka:2014:RDE


Iizuka:2016:IGS


Izenberg:2009:TVC


Iwasaki:2012:LRR


Inger:2013:ILA


Iglesias-Guitian:2015:SSB


REFERENCES


REFERENCES


REFERENCES

Innamorati:2017:RED


Ilan:2015:SDD


Isenburg:2001:TSC


Iwamoto:2015:CML


Ijiri:2009:MDP


Iwasaki:2010:SFP

Ijiri:2010:IVI

Ijiri:2013:VBH

Juan-Arinyo:1995:DEI

Jarabo:2018:BRV

Jackel:1985:GPS

Jacobson:2017:DSG

Jansen:1989:WNR
REFERENCES


REFERENCES


[Jeon:2013:ASC] Inyong Jeon, Kwang-Jin Choi, Tae-Yong Kim, Bong-Ouk Choi, and Hyeong-Seok Ko. Animation (session 1): Constrainmentable


REFERENCES


REFERENCES


REFERENCES

Jacobs:2006:CIM


Ju:2008:CAE


Jang:2017:AGR


Jung:2018:HMS


Ji:2010:MBM


Jung:2015:GIR


Jarabo:2015:RET


Janoos:2009:BVV


Janoos:2008:VAL


Jones:1990:DGB


Jones:1996:PVD


REFERENCES


Jacobson:2010:FDO


Ji:2019:VED


Jarabo:2012:PGC


John:1989:CAS


Johnstone:1995:RMS


Jackel:1997:MRA

REFERENCES


REFERENCES


REFERENCES


Kautz:2007:RYR


Kazhdan:2015:NMG


Kuijk:1989:FPS


Kent:1990:RE


Kalra:1992:MTE


Koch:1998:EEU


Kobbelt:2000:IAP

REFERENCES


[KBHM15] Ethan Kerzner, Lee A. Butler, Charles Hansen, and Miriah Meyer. Engineering and physical sciences: a shot at visual


REFERENCES

Kalojanov:2012:CME


Kerber:2013:SSD


Krivanek:2008:LIR


Ko:2016:ASV


Kakez:1997:VDE


Kindlmann:2018:REE

Kamaleswaran:2016:TSD


Kim:2006:GCD


Kim:2018:PPA


Kaplanyan:2013:IPS


Kolar:2017:SET


Koulieris:2014:GRC


REFERENCES


Koyama:2018:DIL


Kim:2015:ICC


Kohler:2018:VQA


Krishnan:1998:RAC


Kuss:2010:FLE


Krishnan:1997:IBC

[KGMM97] S. Krishnan, M. Gopi, D. Manocha, and M. Mine. Interactive boundary computation of Boolean combinations of

**Klein:2012:IDU**


**Krajcevski:2016:TCV**


**Kumar:2017:ZAA**


**Koh:1992:FGS**


**Keates:1995:IRT**


Kilgour:1982:OG


Kilgour:1985:RCA


Kim:2015:NMG


King:1992:PED


King:1995:SCO


Kok:1992:ASA


Karnick:2009:SGD

cember 2009. CODEN CGFODY. ISSN 0167-7055 (print), 1467-8659 (electronic).

Kjelldahl:1983:MCT


Kjelldahl:1989:DTC


Kjelldahl:1990:DTC


Kjelldahl:1991:SRE


Kjelldahl:1991:DTCa


Kjelldahl:1991:DTCb


Kjelldahl:1991:DTCc


Kjelldahl:1992:MSI


**Kjelldahl:1995:DT**


**Kustra:2014:RSM**


**Kollig:2002:EMS**


**Kim:2007:FLS**


**Kim:2008:IPC**


**Krecklau:2011:PMP**

REFERENCES


[KKBL15] Itay Kezurer, Shahar Z. Kovalsky, Ronen Basri, and Yaron Lipman. Correspondence and matching: Tight relaxation of
REFERENCES


REFERENCES


Kuznetsov:2018:DAS


Khlebnikov:2012:MDM


Kerbl:2017:HBQ


Kerbl:2015:SMI


Kister:2017:GCS


Kim:2003:PSC

Kang:2008:IES

Kang:2014:CAE

Kim:2019:RUF

Klassen:2000:FJ

Korman:2015:PAS

Kuo:2015:SPC


**Kaufman:2012:CAA**


**Koparkar:1983:DPP**


**Kita:2016:VNA**


**Kulpa:2005:AMI**


**Karimov:2015:VAC**


**Kurtenbach:1994:CAG**


REFERENCES

Kreiser:2018:SFB


Kakimoto:2005:GGB


Kwatra:2008:FSF


Krawczyk:2005:PLP


Krawczyk:2007:ICR


Karimov:2013:VVS

REFERENCES


REFERENCES


REFERENCES


Kang:2001:TPU


Krecklau:2010:GUN


Kucher:2018:SAS


Kang:2010:FSH


Kabul:2011:OCA


Kalberer:2005:GIF

REFERENCES


REFERENCES


REFERENCES

Kellnhofer:2013:EPO


Klehm:2015:SAR


Krone:2013:BSI


Krokos:1992:ISC


Kraus:2007:IDF


Kim:2010:IVI

REFERENCES


[KS18] Štefan Kohek and Damjan Strnad. Interactive large-scale procedural forest construction and visualization based on parti-

**Kazhdan:2012:FCM**


**Kim:2019:RTH**


**Kosinka:2014:SSC**


**Kosinka:2014:SSS**


**Kratt:2015:CTW**


**Kuhme:1992:STO**

REFERENCES

CODEN CGFODY. ISSN 0167-7055 (print), 1467-8659 (electronic).


Kanamori:2008:GRR


Kavan:2010:SDA


Kim:2018:DMB


Kobbelt:1997:USH


Kopta:2015:MCL


Karch:2012:FVV

REFERENCES


[KT_TW+13] Robert Krüger, Dennis Thom, Michael Wörner, Harald Bosch, and Thomas Ertl. Interactive analysis: TrajectoryLenses – a


REFERENCES


REFERENCES


Kaufmann:2013:IFE


Kurz:2014:SAT


Kuo:2016:IVF


Kim:2014:CIP


Kim:2008:FSS


Klein:2004:DFC


Kavan:2005:AFC


**Kalbe:2008:GRR**


**Kaiser:2019:SSG**


**Kuang:2012:MDM**


**Laine:2005:RHP**


**Laine:2006:WEM**


**Lespinats:2011:CSC**

Lafarge:2013:SCS


Liu:2015:VAC


Li:2008:CIS


Lee:2002:AAT


Lehmann:2012:SCR


Liu:2012:AIT


Laine:2013:GTT

REFERENCES

2013. CODEN CGFODY. ISSN 0167-7055 (print), 1467-8659 (electronic).


REFERENCES

1427–1437, August 2011. CODEN CGFODY. ISSN 0167-7055 (print), 1467-8659 (electronic).


REFERENCES


Lee:2018:ERS


Lei:2013:IPS


Liu:2009:FIR


Liu:2009:VRH


Liu:2010:VRV


Liu:2016:VDA

Liang:2010:CAH


Lv:2012:SPM


Lewiner:2006:GGD


Lerner:2007:CAC


Liu:2010:GIS


Liu:2006:ULF


REFERENCES


REFERENCES

ISSN 0167-7055 (print), 1467-8659 (electronic). URL aid=216&amp; http://www.blackwellpublishers.co.uk/asp/journal.asp?ref=0167-7055&amp; iid=1&amp; src=ard&amp; vid=17.


Lagae:2008:RTA


Lenaerts:2009:FBM


Lavoué:2007:FQT


Lambert:2011:BDV


Laurent:2016:LTF


Li:2015:RDA


Lalonde:1997:GRD


Lewis:2000:WRT


Lessig:2010:CGT


Larboulette:2011:RSC


Lukác:2015:DPB


Loorak:2014:GVP

REFERENCES


REFERENCES

Labsik:2000:IS


Levi:2013:SAS


Lawonn:2019:SIT


Lensch:2003:IRT


Landes:2013:GTS


Lu:2017:SAP

REFERENCES

-Lippert:1997:CDV


-Lim:2016:SIS


-Lee:2000:GAV


-Lawonn:2014:ASV


-Lauterbach:2009:GFB


-Luo:2018:UDA


REFERENCES

Li:2007:SPP


Lieng:2017:REI


Lindner:1985:PRS


Lister:1990:RFE


Liu:1993:GCA


Liu:1993:GSL


Liu:1994:AIA


Larsson:2013:FAF


Lee:2017:DML


Lee:2008:RRT


Lee:2012:TDI


Liu:2017:CEV


Lawonn:2014:MVL

Liu:2012:CFS


Ljung:2016:FES


Lieng:2017:CIS


Lehmann:2015:HDV


Lao:2000:VBA


Lane:2001:RIV

2001. CODEN CGFODY. ISSN 0167-7055 (print), 1467-8659 (electronic).

**Lee:2002:GST**


**Lee:2005:AAS**


**Long:2009:MDM**


**Liang:2018:TDP**


**Lehtinen:2006:RIP**


**Lipski:2010:VVC**

REFERENCES


**Liao:2014:VTS**


**Li:2000:VDM**


**Laycock:2004:RSA**


**Laycock:2007:RSB**


**Luo:2013:IPS**

REFERENCES


Laakko:1993:IBO


Laakko:1996:ICM


Laako:1996:ICM


Li:2007:MCI


Li:2010:CAH


Li:2015:SCE


Lichtenberg:2018:ARS


REFERENCES


REFERENCES


REFERENCES


Loscos:1997:IHQa


Loviscach:2006:DWC


Logie:1995:IDM


Li:2015:EVR


Liktor:2014:SFR


Liu:2010:GDH

REFERENCES


Luboschik:2015:TST


Litany:2016:FCN


Litany:2017:FSP


Lakshminarasimhan:1989:FFS


Langer:2008:PTH


Loop:2008:SST

REFERENCES


Laga:2011:REW


Li:2009:DGP


Liktor:2015:SSS


Lienhard:2014:PMI


Li:2008:RDS


Leimkuhler:2017:REM

Loos:1998:UWT


Lex:2012:VAS


Luo:2009:DAG


Lipp:2011:PMI


Liu:2008:GMS


Lin:2018:AMM

Leifman:2012:TMM


Lehmann:2016:VGP


Laga:2017:DSM


Legrand:2019:FQH


Loorak:2018:CII


Li:2008:FAG

REFERENCES


REFERENCES


REFERENCES


Li:2016:IPR


Laurijssen:2011:PCG


Lukasczyk:2017:NTG


Li:2004:IFU


Li:2015:BMB


Li:2013:MCR


Liu:2011:NLB


Liu:2009:VQO


Liu:2011:ENL


Liu:2015:BMI


Liu:2008:IED


Liu:2007:SMS


Lo:2010:MSB

[LZ10] Wan-Yen Lo and Matthias Zwicker. Motion synthesis: Bidirectional search for interactive motion synthesis. *Computer Graph-
Luan:2017:MTF


Li:2018:NL


Li:2015:NLI


Li:2013:FDG


Liu:2009:SAH


Li:2013:CSA

Liu:2008:PQT


Liu:2004:IOP


Li:2017:FDR


Martin:1985:PAB


Martin:1991:QTI


Mitake:2009:MSP

REFERENCES


REFERENCES

Mantyla:1983:SOG

Manak:2016:VAE

Martin:1982:CGS

Maruya:1995:GTM

Matthew:1985:PCP

Matthew:1986:EUG

May:1999:PPC
REFERENCES

May:2000:PPC

Mason:1997:AHL

Meneveaux:1999:SLB

Memari:2008:SRS

Meister:2018:PRB
Marques:2019:OSW


Monzani:2000:UIS


Metaaphanon:2009:AST


Melo:2015:ETM


Machado:2016:SCP


Marvie:2012:GPG

REFERENCES

2095, September 2012. CODEN CGFODY. ISSN 0167-7055 (print), 1467-8659 (electronic).


REFERENCES

Miguel:2012:CCS


Museth:2005:AIE


Mattausch:2008:OVR


Marchand:2002:VVS


Meredith:2010:VRV


Michael:2010:FIF

REFERENCES


Mendes:2019:SVO


Mah:1994:CBR


Marras:2013:EIA


Munkberg:2008:PHT


Ma:2018:PIO


Muller:2018:CJ


Ming:1996:RRO

REFERENCES


Maurel:1993:RT


Mullen:2010:RIS


Miao:2018:DDS


Mesmoudi:2008:TDD


Moser:2008:NPR


Meissner:1998:AKF

<table>
<thead>
<tr>
<th>Reference</th>
<th>Authors</th>
<th>Title</th>
<th>Journal</th>
<th>Volume</th>
<th>Issue</th>
<th>Pages</th>
<th>Year</th>
<th>Digital Object Identifier</th>
</tr>
</thead>
</table>
| Munoz:2011:SAB | Adolfo Munoz, Jose I. Echevarria, Francisco J. Seron, Jorge Lopez-Moreno, Mashhuda Glencross, and Diego Gutierrez | Sur-


References

Majumder:2005:MCP

Menzel:2009:GBI

Menzel:2010:VPT

Morer:1995:OPL

Mellado:2012:SAG

Mindek:2014:MSS
REFERENCES


Ma:2018:ISS

Muller:2000:SST

Masuko:2007:FHE

Middendorf:2013:RSP

McNeill:2017:GTM

Maria:2017:CCS
REFERENCES


Mikami:1982:CGA


Milne:1983:GAP


Mills:1984:SPV


Milanese:1987:ANT


Milanese:1988:PEG


Milanese:1988:PDM


Milanese:1990:CLC


Mattausch:2013:LEF

REFERENCES

Markopoulos:1998:FEW


Martin:2013:ENL


Mora:2001:VIP


Moritz:2017:TST


Menk:2011:VTU


Manak:2017:IAC


REFERENCES


Moon:2013:RID


Matsushita:1999:EHT


Marinov:2005:GIA


Marinov:2006:MPR


May:2008:VAT


Marino:2011:MDV

REFERENCES

2011. CODEN CGFODY. ISSN 0167-7055 (print), 1467-8659 (electronic).


[MK+08] Philipp Muigg, Johannes Kehrer, Steffen Oeltze, Harald Piringer, Helmut Doleisch, Bernhard Preim, and Helwig


REFERENCES

CODEN CGFODY. ISSN 0167-7055 (print), 1467-8659 (electronic).


REFERENCES

CODEN CGFODY. ISSN 0167-7055 (print), 1467-8659 (electronic).


REFERENCES


[MMS09] Viorel Mihalef, Dimitris Metaxas, and Mark Sussman. Fluids and beyond: Simulation of two-phase flow with sub-scale

**Mantiuk:2009:HPG**


**Mistelbauer:2013:MVV**


**Moltedo:1987:IVC**


**Myles:2008:SSF**


**Marra:2017:RCI**


**Mikheev:1994:COC**

Moerschell:2008:DTM


Machado:2010:SCR


Mohamed:1987:EAA


Morrow:1986:EPV


Mizunoy:1999:IDS


Muhler:2010:MVR

REFERENCES

Mavridis:2012:PTM


McCann:2012:CPS


Munoz-Pandiella:2017:RTS


Masia:2012:POC


Mattausch:2014:GAR


Marcias:2013:MAA

REFERENCES

Mei:2005:ROC


Manson:2008:SRS


Martin:1998:TPH


Mitra:2013:SGE


Melvaer:2012:GPC


Maisch:2017:SAM


Mueller-Roemer:2017:PPT

J. S. Mueller-Roemer, C. Altenhofen, and A. Stork. Parallel processing: Ternary sparse matrix representation for vol-

Melzi:2018:LMH


Melzi:2018:LMH


McIntosh:2012:ESB


Molchanov:2010:VRV


McKenna:2017:VNF


Madaras:2018:SST

Soham Uday Mehta, Ravi Ramamoorthi, Mark Meyer, and Christophe Hery. Material appearance: Analytic tangent ir-


REFERENCES


May 2010. CODEN CGFODY. ISSN 0167-7055 (print), 1467-8659 (electronic).


REFERENCES

CODEN CGFODY. ISSN 0167-7055 (print), 1467-8659 (electronic).


REFERENCES

Muller:2006:PIB

Mittelstadt:2014:CPM

Martin:2008:USU

Meyer:2010:CGT

Manson:2011:MPS

Martinez:2008:IMR
REFERENCES


REFERENCES

Mullen:2008:PQT


Munkberg:2012:OPV


Magnenat-Thalmann:1984:CGS


Muller:2003:ART


Muller:2003:PAR


Matsuoka:2002:RPI

Mantiuk:2012:CFS


Mezger:2008:RCC


Mahajan:2008:LIA


Magnenat-Thalmann:1989:PHP


Muratet:2011:EFP


Mudur:1983:GRA


Müller:1986:IGS

REFERENCES


2017. CODEN CGFODY. ISSN 0167-7055 (print), 1467-8659 (electronic).


REFERENCES


[Ma:2016:IPA] Li-Qian Ma, Jue Wang, Eli Shechtman, Kalyan Sunkavalli, and Shi-Min Hu. Image processing: Appearance harmonization for


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


Niederberger:2003:CMH


Niederberger:2003:HHR


Neugebauer:2009:BVM


Nishida:2016:EDP


Novak:2018:MCM


Nader:2014:SAM

REFERENCES


**Nadeau:2001:VSE**


**Nakamura:1997:RCI**


**Ngo:2016:NGV**


**Nicol:1985:MSF**


**Nishita:1997:MRM**

Nabata:2016:RRE


Nielsen:1995:LCU


Na:2004:RAF


Neugebauer:2011:MDV


Nan:2015:CRT


Neugebauer:1999:TMR

[NK16] Nusrat:2016:ASA


[NK+16] Niessner:2016:RTR


REFERENCES


REFERENCES


[NS09] Derek Nowrouzezahrai and John Snyder. Real time global illumination: Fast global illumination on dynamic height fields.
REFERENCES

Noll:2011:ETE


Nan:2014:RDD


Navarro:2011:MBR


Neumann:2006:RCA


Nalbach:2017:PCR


Nguyen:2013:LEM

REFERENCES

185–194, May 2013. CODEN CGFODY. ISSN 0167-7055 (print), 1467-8659 (electronic).


REFERENCES


[NZH+18] Saifeng Ni, Zichun Zhong, Jin Huang, Wenping Wang, and Xiaohu Guo. Field-aligned and lattice-guided tetrahedral mesh-
Okabe:2009:TVA


Ohtake:2001:MOP


Ovsjanikov:2013:AVM

REFERENCES


REFERENCES

501, April 2009. CODEN CGFODY. ISSN 0167-7055 (print), 1467-8659 (electronic).


REFERENCES

606

Oeltze-Jafra:2019:GVE


Oelke:2011:ODF


Orthmann:2012:TBA


Ozturk:2010:CBB


Oh:2010:RRW


Oelke:2013:TFM


Okabe:2005:MNI


Ou:2010:CGS


Oliva:1996:RCP


Obert:2010:ESM


Orti:1996:RDS


Oster:2018:CLS

REFERENCES


REFERENCES


[OW19] S. Ohrhallinger and M. Wimmer. FitConnect: Connecting noisy 2D samples by fitted neighbourhoods. *Computer Graph-

Owen:1986:CGC


Owen:1987:CGC


Owen:1988:CGC


Owen:1989:BR


Owen:1989:CGC


Owen:1990:BR


Owen:1990:CGC

REFERENCES


REFERENCES


REFERENCES


[Pat16] Giuseppe Patané. State of the art reports: STAR — Laplacian spectral kernels and distances for geometry processing and


[PB07] C. Papazov and D. Burschka. Section 5: Deformable 3D shape registration based on local similarity transforms. *Computer
REFERENCES

Pokrass:2013:SCS


Preim:2016:BVS


Petitjean:2018:SGS


Piringer:2010:NAS


Pages:2015:SSM


Promayon:1996:PBD

REFERENCES

Pajot:2011:RTC


Patterson:1992:CHS


Palamidese:1994:ARM


Peng:2012:MMG


Park:2016:MIE


Palma:2016:DGT

Palma:2012:MAS


Paterson:2005:RIB


Pavic:2009:GGI


Pavic:2010:HB


Perez-Cazares:1989:DAL


Pouli:2011:SIS

REFERENCES

- **Paterno:1994:DSV**

- **Perrier:2018:SLD**

- **Platings:2004:CLS**

- **Petrelli:2016:PRL**

- **Papas:2014:LRP**

- **Panozzo:2015:FTM**
REFERENCES


REFERENCES

2010. CODEN CGFODY. ISSN 0167-7055 (print), 1467-8659 (electronic).

Prime:1990:UIM


Pingi:2005:GIE


Phan:2015:DPF


Pezzotti:2018:MVE


Pla-Garcia:1993:BOS


Pla-Garcia:1994:RSB

REFERENCES

Palmer:1995:CDA


Pekelny:2008:CAA


Peer:2018:ISF


Potter:2009:RIN


Peytavie:2009:ICT


Peytavie:2009:MDP


REFERENCES


REFERENCES

Pan:2012:AIW


Pickover:1986:BCD


Pickover:1986:MCA


Pickover:1987:GBO


Pickover:1991:MCB


Pickover:1991:MPS


Piller:1985:GPM

REFERENCES

---

Pink:1985:EUC


Pineda:1992:RSC


Poupyrev:1998:EOM


Paulin:1994:AMG


Papas:2011:IGG


Parulek:2014:CLD


REFERENCES

Paterno:1994:SBA


Poulet:1996:MMS


Park:2011:FSS


Pan:2007:GIP


Pandzic:1997:FAV


Pattanaik:1993:PEI

Parakkat:2016:RCT


Pinaud:2012:GRP


Popescu:2006:RRS


Pejsa:2013:ASP


Poet:1986:DRF


Peters:1997:CVS


Roi Poranne, Elena Ovreiu, and Craig Gotsman. Interactive planarization and optimization of 3D meshes. *Computer Gra...
REFERENCES

Pagot:2011:FVE


Post:2011:ITD


Plummer:1989:MMA


Patow:2005:SIS


Pegoraro:2009:CSA


Poelke:2009:FLD

Pejsa:2010:SAE


Panozzo:2011:IHQ


Piringer:2012:VAS


Paquette:1998:LHF


Pobitzer:2011:SAT


REFERENCES


REFERENCES


Pina:2010:BTD


Palma:2018:EVD


Park:2010:SVM


Popa:2010:RGC


Patane:2004:GGB


Perazzi:2015:IVP

Ponto:2009:WII


Park:1998:OFR


Poulenard:2018:TFO


Pegoraro:2010:SRC


Pal:2014:IIC


Paiva:2012:MDM

Jose Gustavo S. Paiva, William Robson Schwartz, Helio Pedrini, and Rosane Minghim. Multi-dimensional and multivariate data: Semi-supervised dimensionality reduction based on partial least squares for visual analysis of high dimensional
REFERENCES


**Pueyo:1988:SCA**


**Platis:2003:PHI**


**Pobitzer:2011:FVE**


**Premzoe:2003:AFH**


**Premzoe:2003:PBS**


**Patney:2010:CGS**

REFERENCES

Pietroni:2015:SMS


Paulovich:2012:TDS


Pal:2013:RIE


Pudet:1994:RTF


Purgathofer:2003:OIP


Purgathofer:2003:RES


Purgathofer:2007:RES


REFERENCES

rum, 36(8):511–528, December 2017. CODEN CGFODY. ISSN 0167-7055 (print), 1467-8659 (electronic).

Pan:2009:RAM


Poston:1998:MIE


Pothkow:2011:VVP


Pegoraro:2008:PMS


Panozzo:2012:IVR


Popa:2009:CMW


**Parvinzamir:2019:MPV**


**Pei:2008:SFK**


**Qin:2018:LBO**


**Qin:2003:FPR**


**Qin:2003:RAN**


**Qin:1992:RCU**

REFERENCES

Qin:2017:MFM


Ris:1994:PRT


Raffin:2005:RES


Rodriguez:2015:THA


Rappoport:1992:EAA


Reitsma:2008:PRA

 REFERENCES


[RBG08] Peter Rautek, Stefan Bruckner, and M. Eduard Gröller. Illustrative and realistic volume rendering: Interaction-dependent

Ribardiere:2017:SSD


Rostami:2019:SDD


Racz:2018:CWB


Ribardiere:2011:ARI


Ren:2017:GMU


Rodola:2017:PFC

REFERENCES


REFERENCES


Reddy:1996:SPD


Ritschel:2011:MIS


Reinhard:2003:FEW


Renka:2016:TSM


Requicha:1986:EPE


Reynolds:1986:TBG


Ranjan:1996:MIS


REFERENCES

CODEN CGFODY. ISSN 0167-7055 (print), 1467-8659 (electronic).

Reumann:1985:MMB

Radiano:2018:SAC

Reif:2010:EAR

Roth:1998:BBB

Rasche:2005:IVP

Roger:2006:RAS
REFERENCES


REFERENCES


**Roberts:2017:RRF**

**Richard:1987:GAC**

**Richards:1987:FCP**

**Richards:1987:SAB**

**Ritschel:2009:HPG**

**Ritchie:2018:EBA**
REFERENCES

**Rossignac:1994:ABM**


**Ruiters:2009:AMR**


**Ruiters:2009:MRH**


**Rump:2010:SCS**


**Redon:2002:FCC**


**Rachavarapu:2018:WEV**

REFERENCES


REFERENCES


Rhee:2006:ART


Riche:2010:EUI


Ray:2009:MST


Rui:2014:CPM


Rush:1989:UTR


Rangel-Mondragon:1988:CGP

REFERENCES


REFERENCES


Robertson:1993:IVU


Roveri:2017:GPS


Rokne:1997:ARI


Roveri:2015:DSS


Roveri:2018:PCP


Rosenthal:1982:RSW


REFERENCES


Riehmann:2015:THV


Ren:2002:OSE


Ronfard:1994:TMC


Ronfard:1996:FRA


Rudolf:2000:MMD


Razafindrazaka:2015:QPP

REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES

2009. CODEN CGFODY. ISSN 0167-7055 (print), 1467-8659 (electronic).


REFERENCES


REFERENCES


Sousa:2000:OMG


Shier:2013:ARF


Schedl:2014:ICE


Shapira:2014:MCC


Segall:2016:MIC


Song:2017:SRP
REFERENCES


REFERENCES


REFERENCES

Seo:2010:CTM


Seo:2016:MIS


S2C:2004:RSA


Sheng:2011:PPG


Scheidegger:2005:PCS


Sarikaya:2016:BDV

REFERENCES

Sun:2010:MFG


Schoenhut:1984:MCG


Scheller:1985:RMW


Schneider:1988:POO


Schettini:1994:DSR


Schlick:1994:IBM


Schlick:1994:SSR

REFERENCES

Schneider:1998:SEW


Schneider:2000:HAS


Schilling:2001:AEM


Schultz:2011:TBV


Schmidt:2013:SSP


Song:2009:VRB


Sellan:2019:SGP

REFERENCES

Sandim:2016:FSB

Scopigno:2002:STC

Scopigno:2017:DFT

Serra:2018:EGF

Schleich:1994:BWD

Simiakakis:1994:FDA


Soetebier:1999:SID

Sykora:2009:JMC

Slater:1992:SCT

Savransky:1999:MRE

Stuyck:2017:RTO
REFERENCES


Mathieu Sanchez, Oleg Fryazinov, Pierre-Alain Fayolle, and Alexander Pasko. Convolution filtering of continuous signed...


REFERENCES


REFERENCES


REFERENCES


September 2002. CODEN CGFODY. ISSN 0167-7055 (print), 1467-8659 (electronic).

Satyanarayan:2014:DSA


Satyanarayan:2014:DSL


Shaw:1997:HRD


Shamir:2008:SMS


Sauvage:2007:SMD


Shen:2015:SVG

REFERENCES


<table>
<thead>
<tr>
<th>Reference</th>
<th>Title</th>
<th>Authors</th>
<th>Conference/Year</th>
<th>Pages</th>
<th>Volume/Issue</th>
<th>ISBN</th>
<th>EID</th>
</tr>
</thead>
</table>
REFERENCES

CODEN CGFODY. ISSN 0167-7055 (print), 1467-8659 (electronic).


<table>
<thead>
<tr>
<th>Reference</th>
<th>Description</th>
</tr>
</thead>
</table>


REFERENCES


Szirmay-Kalos:2001:GIC


Szirmay-Kalos:1997:AQM


Szirmay-Kalos:2017:ULT


Shiny:2010:FSH


Steinberger:2014:PMP

Markus Steinberger, Michael Kenzel, Bernhard Kainz, Jörg Müller, Wonka Peter, and Dieter Schmalstieg. Procedural Mod-


REFERENCES

August 2013. CODEN CGFODY. ISSN 0167-7055 (print), 1467-8659 (electronic).

Scharnowski:2014:MVC

Szirmay-Kalos:2009:RDI

Schlattmann:2007:FMC

Sons:2014:RSJ

Szirmay-Kalos:2011:FPS

Szirmay-Kalos:2008:DMG
Szirmay-Kalos:2009:SEG


Son:2013:IPS


Schroder:2011:RAV


Schroder:2013:NLI


Schroeder:2011:AAE


Smith:1989:IDS

REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


Sussmuth:2010:SRB


Saad:2010:MVP


Smith:1985:CA


Singh:2017:MCB


Samii:2015:DDA

REFERENCES


[SMTG07] Romain Soulié, Stéphane Mérialou, Olivier Terraz, and Djamchid Ghazanfarpour. Modeling and rendering of heterogeneous


REFERENCES


Sheffer:2006:RSG


Schwartzburg:2013:RFA


Sparks:1985:GLB


Schikora:2017:VAC


Solteszova:2010:VRM


Shahrian:2014:IIT


Sabha:2007:TSU

REFERENCES 721

(2):131–142, June 2007. CODEN CGFODY. ISSN 0167-7055 (print), 1467-8659 (electronic).

Simari:2014:SFS


Speer:1991:CIG


Schott:2009:VRH


Shin:2011:HLS


Sibbing:2010:IVI


Stava:2014:IPM

REFERENCES


[SPT14] V. Stojaković, S. Popov, and B. Tepavčević. Visualization of the centre of projection geometrical locus in a single im-


Scherbaum:2011:IGC


Schreck:2017:IPT


Schwartz:2013:RSL


Schneider:2010:VTT


Seebold:1991:SWD


Steed:1995:IDB

REFERENCES


REFERENCES


Soundararajan:2015:VAC


Sadana:2016:CVI


Schultz:2008:VNV


Steinke:2005:GSV


Schmidt:2008:ISBa


Sin:2013:VNL

REFERENCES


REFERENCES


Szafir:2016:TDD


Sbert:2004:RTI


Szecsi:2004:SGI


Stamminger:1998:GRL


Schultz:2013:UHH


REFERENCES


Stam:1997:SDS


Stam:2006:IPT


Smelik:2014:SPM


Skouras:2012:VSC


Song:2016:RBS


Swindells:2009:USI

[STD09] Colin Swindells, Melanie Tory, and Rebecca Dreezer. User studies and interaction: Comparing parameter manipulation with


REFERENCES

Seron:1993:QCI


Sedlmair:2012:MDM


Summa:2017:VUG


Strasser:1982:GS


Straayer:1983:GSP


Strubbe:1984:RMS


Sugihara:1994:RCA

REFERENCES


[SvLD03] Frank Suykens, Karl Berge vom, Ares Lagae, and Philip Dutré. Textures and BRDFs: Interactive rendering with bidirectional


REFERENCES


REFERENCES


J. Sahner, B. Weber, S. Prohaska, and H. Lamecker. Flow advection and geometry processing: Extraction of feature lines

Schneider:2009:FVS


Steinberger:2012:IMU


Sato:2018:ENB


Shao:2011:MRA


Sahillioğlu:2011:SCF


Sahillioğlu:2012:SPM

REFERENCES

CODEN CGFODY. ISSN 0167-7055 (print), 1467-8659 (electronic).

Seversky:2012:GPG


Sahillioglu:2013:CFI


Sahillioglu:2014:PDC


Sahillioglu:2014:SCM


Sheng:2010:ISA


Salman:2010:RFP

Scherzer:2012:TCM


Shi:2013:GSP


Sun:2018:CCC


Scopigno:2004:RSS


Sun:1993:DFF


Shao:2015:SFF

REFERENCES


Tursun:2016:HIO

Tamminen:1982:HLU

Tagliasacchi:2012:FMC

Tucker:1984:EPE

Tao:2012:ICP

Thony:2018:LSP


REFERENCES


Thonat:2018:TSI


Takahashi:2015:FFI


Templin:2014:CIP


Takahashi:2018:EHI


Tagliasacchi:2016:SAR


Tal:1999:IMF

REFERENCES

??, September 1999. CODEN CGFODY. ISSN 0167-7055 (print), 1467-8659 (electronic). URL aid=3544; http://www.blackwellpublishers.co.uk/asp/journal.asp?ref=0167-7055&amp; iid=3&amp; src=ard&amp; vid=18.


REFERENCES

Tam:2011:PSA


Takahashi:2003:AFH


Takahashi:2003:RAF


Turner:1998:ICA


Tominski:2017:ILV


Tasse:2012:ETB

REFERENCES

Turner:1996:HTS

tenHagen:1983:EPI

tenHagen:1983:RMI

tenHagen:1984:ET

Tokuyoshi:2017:LSS

Theisel:2002:DVF
REFERENCES


Timonen:2012:LCI


Timonen:2013:SLS


Takahashi:1995:AEC


Theisel:1998:ESM


Teschner:2005:SAR


Teler:2001:SCS

Takahashi:2016:FMS


Tecchia:2002:VCR


Tarameshloo:2016:NGU


Turner:1999:MOO


Tanahashi:2016:VNS


Thiagarajan:2018:EHD

Tao:2013:PPS


Trentacoste:2011:IVB


Trentacoste:2012:PGU


Tasaki:2004:SAR


Tam:2014:MEA


Thalmann:1986:AIT


Thomas:1989:AAR

REFERENCES

December 1989. CODEN CGFODY. ISSN 0167-7055 (print), 1467-8659 (electronic).


[Tagliasacchi:2011:SVV] Andrea Tagliasacchi, Matt Olson, Hao Zhang, Ghassan Hamarneh, and Daniel Cohen-Or. Section 7: VASE: Volume-aware surface evolution for surface reconstruction from incom-


REFERENCES


[Tid05] B. P. Tiddeman, M. R. Stirrat, and D. I. Perrett. Image and video processing: Towards realism in facial image transforma-


REFERENCES


Timonen:2010:RIS


Tournier:2009:MCM


Tao:2016:VDV


Thiyagalingam:2013:UCP


Tonietto:2006:RAP


Torsney-Weir:2018:HIV

Takahashi:2011:MSP


Torsney-Weir:2017:SSM


Tang:2016:CAC


Tian:2016:IVF


Takahashi:2009:VHS


Tak:2000:MBF

REFERENCES


REFERENCES


REFERENCES

CODEN CGFODY. ISSN 0167-7055 (print), 1467-8659 (electronic).


REFERENCES


REFERENCES


VanReeth:1995:RVP


Vangorp:2011:PPV


Valette:2009:HCP


Vad:2014:LLD


Vandoni:1990:REB


vanDam:1998:FUC


REFERENCES


References

vanGarderen:2017:MDO

Vinayagamoorthy:2004:EGM

Vinkler:2015:RED

Vanco:2008:SRU

Vinkler:2016:PCB

Vazquez:2018:VAP
REFERENCES


REFERENCES

June 1993. CODEN CGFODY. ISSN 0167-7055 (print), 1467-8659 (electronic).

Vallet:2008:GPS


vonLandesberger:2011:VAL


Vieira:2004:SMS


Viau:2012:GRC


Vieira:2004:SSR


Vucini:2009:GRV

[VMG09] Erald Vuçini, Torsten Möller, and M. Eduard Gröller. Geometry & reconstruction: On visualization and reconstruction from


Voloboj:1993:MDP


Vo:2010:HSE


vanWalsum:1994:SVV


Vasa:2011:SOP


vanPelt:2014:BCB


vanPelt:2012:MVV


Vasa:2009:CCB


Vasa:2010:GDL


Vassilev:2001:FCA


VanDenHengely:2009:IBM


Vanhoey:2013:RFP


Varady:2016:CSM


REFERENCES


[Woodring:2011:HLS]


[Wolter:2009:TMT]


[Waite:1988:MNB]


[Waldschmidt:1987:ECG]


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


[Wu:2013:CBC]


[Wang:2012:GRS]


[Wu:2009:IPN]


[Wu:2011:SAS]


[Weller:2017:KPC]

REFERENCES

Westermann:1997:MAI


Weiskopf:2004:SVD


Weiskopf:2008:RES


Wang:2017:SLB


Walter:1997:GAP


Wu:2018:MBL


Wang:2018:KFM


Wyvill:1999:ECT


Wood:1988:ECC


Wolinski:2014:AIM


Waldyz:2004:SGI


Weinkauf:2010:VRV

REFERENCES


REFERENCES


S. Williams, M. Hecht, M. Petersen, R. Strelitz, M. Mal rud, J. Ahrens, M. Hlawitschka, and B. Hamann. Spatiotemporal...
REFERENCES


Wang:1997:OIT


Wang:2018:TEC


Weinkauf:2012:VSA


Wang:2016:HAR


Wiegand:1996:IRC

Kenneth Weiss, Federico Iuricich, Riccardo Fellegara, and Leila De Floriani. Topology: a primal/dual representation for...


REFERENCES


[Wang:2017:AMA]


[Wang:2018:VFM]


[Willis:1985:BHD]


[Wang:2009:BWB]


[Wang:2015:RTR]


[Wald:2009:SAR]
REFERENCES


REFERENCES


REFERENCES


Wampler:2013:AAL


Wu:2011:TDV


Wojdel:2005:PGF


Weier:2016:RTA


Westermann:2001:RTV


Wang:2013:VFV

REFERENCES


REFERENCES

791–798, June 2009. CODEN CGFODY. ISSN 0167-7055 (print), 1467-8659 (electronic).


REFERENCES

Weber:2007:SMD


Weier:2017:PDA


Windheuser:2011:SLS


Wainer:1993:LDP


Wong:2009:ADF


Wong:2011:NPR


REFERENCES

Wu:2012:GVT


Wang:2018:EBB


Wang:2015:CDT


Wu:2018:FFS


Wu:1990:SNL


Westenberg:2008:VAL


REFERENCES


Wang:2018:PMN

Waschbusch:2007:MIB

Wang:2010:RRT

Wu:2014:PDR

Wang:2018:FGI

Weng:2013:IPS
Yanlin Weng, Lvdi Wang, Xiao Li, Menglei Chai, and Kun Zhou. Image processing (session 2): Hair interpolation for por-


REFERENCES


REFERENCES


REFERENCES

CODEN CGFODY. ISSN 0167-7055 (print), 1467-8659 (electronic).


Xu:2010:GVA

Xue:2011:RMS

Xu:2013:EPS

Xu:2017:HMV

Xu:2007:MIB

Xu:2018:RHM
REFERENCES

Huang:2009:IRO


Xu:2018:DVS


Xu:2008:NPR


Xu:2017:DDS


Xiao:2010:IVE


Xiao:2013:CSR


Xu:2010:ALL

Mingliang Xu, Huansen Li, Pei Lv, Wenzhi Chen, Gengdai Liu, Pengyu Zhu, and Zhigeng Pan. Animation: L4RW: Laziness-
Xu:2010:RBR


Xu:2003:ADR


Xu:2003:NPR


Xiao:2009:IEG


Xu:2015:SMP


Xu:2006:CRS

Xu:2014:HLD

Xu:2013:IPS

Xu:2014:SST

Xiao:2013:FSR

Xu:2007:ICG

Xu:2002:SMB
REFERENCES


REFERENCES


REFERENCES


<table>
<thead>
<tr>
<th>Reference</th>
<th>Title</th>
</tr>
</thead>
</table>


REFERENCES


Yoon:2006:DSB


Yuksel:2008:SLD


Yoon:2009:APS


Kwon:2008:ECM


Yang:2012:NPR


Ye:2010:MSS


Yu:2011:MSP

REFERENCES

Yan:2018:MSI

Yu:2007:FMC

Ye:2018:SIS

Yi:2018:TGM

Yuan:2014:MCC

Yang:2012:AIR


REFERENCES


REFERENCES


Yu:1995:MBS


Yao:1991:FC


Yao:1997:ARI


Yang:2018:FSF


Yang:2008:RTG


Yoshida:1994:SMB


Yuksel:2015:SSS

<table>
<thead>
<tr>
<th>Reference Code</th>
<th>Reference</th>
</tr>
</thead>
</table>
Yu:2012:VSE


Yu:2008:IIG


Yu:2010:RRT


Yang:2018:UAV


Yan:2014:CIF


Yang:2018:DDM


Zachrisen:1989:YAR

Zirr:2015:FVV

Zhang:2016:TDD

Zara:2006:VRC

Ziegler:2007:GIB

Zhang:2017:TBL
Zaninetti:1999:AMA


Zanni:2013:SII


Zimmer:2011:QSF


Zemcik:1995:OCT


Zhou:2018:KTS


Zimmer:2012:MSR

Zhang:2014:EBP


Zhou:2013:IPS


Ziegler:2008:OVR


Zhang:2017:ODV


Zhang:2009:IRS

REFERENCES

October 2009. CODEN CGFODY. ISSN 0167-7055 (print), 1467-8659 (electronic).

[Zhao:2017:COI]

[Zhao:2018:MFC]

[Zalik:1997:ECB]


[Zheng:2013:SCS]

[ZCP07]


Zhang:2015:SMG


Zeng:2016:VWC


Zeng:2013:STV


Zheng:2011:SMM


Zhang:2016:TMR


Zheng:2017:RBF

REFERENCES


**Zhu:2015:RAA**


**Zhang:2018:BTM**


**Zhang:2008:MIS**


**Zhai:2017:IMI**


**Zhu:2013:GSS**


**Zander:2004:SAR**

REFERENCES

Zhou:2018:CIT


Zou:2013:MAT


Zwicker:2015:SAR


Zhou:1992:OOV


Ziegler:2008:VAC


Ziemkiewicz:2009:USI


REFERENCES

Zhang:2016:VDV


Zhang:2018:FPA


Zotti:2008:SPE


Zhang:2003:EMA


Zhang:2004:FHA


Zhang:2008:SSB


Zakai:1996:TDMa

C10, C455–C456, September 1996. CODEN CGFODY. ISSN 0167-7055 (print), 1467-8659 (electronic).


Zhou:2017:ACS


Zaninetti:1998:VAG


Zayer:2017:GAS


Zheng:2010:SMM


Zadravec:2010:SSS


Zhou:2010:GIF

Yuanfeng Zhou, Feng Sun, Wenping Wang, Jiaye Wang, and Caiming Zhang. Geometry II: Fast updating of Delaunay trian-


[ZYQ+08] Hong Zhou, Xiaoru Yuan, Huamin Qu, Weiwei Cui, and Bao-quan Chen. Parallel coordinates: Visual clustering in parallel


