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

29 August 2019
Version 1.111

Title word cross-reference

+ [AJD13, CTW+10], $100 [ZMR+88]. 111 [Bli07a], 11 [Bli06b]. 2 [AP11, BBT+13, CCF97, CMO+99, GWF98, MD00f, MKFN87, SMWS88, SSO01, UIL+06]. 25 [Ang17]. 2 x 2 [Bli96a, Bli02b]. 3 [Abo99a, ASW93, AP10, Ano15-33, AA09, BRL+17, BC87, BBF+98, BGSC85, Ben99, BH16, BA13, Bli88c, BFB+98, BCF+08, BBT+13, BKSS07, Bux05, CD12, CCG+04, CPCS08, Cam17, CCF97, CRB+02, CBB+14, CT09, COK97, CMO+99, DB03, Del99b, DGA+97, DNS+15, Die00, DY09, DWL+92, EHBPG04, Enc14a, FYZ85, FSK07, FD03, FB09, FHKH06, FZ03, FTAT00, GWF98, Ger91, Gir87, GBT+02, GKB89, HPG08, HdlRL+13, HWY16, HTZ+19, Han01, HGMT17, HF07, Hay95b, HJF06, IKMF12, IG98, JWL+18, JAC+08, KK02, KS07, KTA+02, KB88, KP14, KSRS13, Kon12, KZC+11, Kul09, KPL17, KDMH17, LaV08, LFV+97, Law99, Lea96a, Lea96d, LJB+13, LY002, LSQ+12, Mac97a, Mac13, MD99f, MD99e, MD99d, MD00f, MKFN87, MSF07, MGO+16, Mas98, MVWB05, McG93, MFM+16, MSH+08, Mil03, Mun98, NTH02, NINT89]. 3 [NE93, NM08, NF91, NLvLM09, dSNrdLdSN16, Nur08, PW97, PSX13, PLs+16, PJC88, Paq96, PT90, PTR+98, Pid06, PVV+03, PG93, PKJ+07, Red01, RLOW13, RWB+14, RR03, RB00, RDH+02, RT07, RFN89, RBK+13, RGCB07, SRS91, SPJ99, SS17, SSG95, SB16, SMWS88,
SRL06, SRDT01, Shn03, SM04, Sim96c, Sin01c, SSO01, SFL+04, SD99, Spa16b, SQG+05, SAHK13, Tau11a, TLL+96, TMB+13, THB+10, TH17, US17, UBS+12, WOF96, WMS92, WK94, WLL+16, Wea99b, WWY+10, WL88, WSKY09, Wor96b, WZQ+19, YY16, YCB05, YZM+11, YYOiT92, YY99, YWR09, YBL+12, ZZ05, ZCS+06, aE01, vHdP94]. 4
[Bli03e, CMPA18, HLE04, KN07, MD99e, OWZ17]. 4
[YT85]. 6
[AGBC09]. C
[CW87, CW88]. D
[RSDP01]. G
[Sch93a]. N

2 [Arn14a, Bro82, MD99f, TT84, WS09b, WW07, YMK+12]. 2-1/2D [WW07]. 2-1/2D [WW07]. 2-D [TT84]. 2.0
[MD99f, MD99e, MD99d]. 2000
[MD99d, XPH05]. 2007
[PGS+08]. 2009
[Ano10b, Ano10c, DPL+11]. 2011
[OKET12]. 2012
[KA912a, SKS+13]. 2013
[LZF+14]. 2014
[Ano13b]. 2016
[GS+18].

2018
[Ano18e]. 2019

240GTX [Ake89]. 25-Year [MLJ19]. 2D [WW07].

3 [Bal98c, Bar84, CCV85, CE83, FZY84, FPT+82, FPI84, HU83, IIE84, LSF83, LCG83, MTT83, OATO85, RSDP01, TT84]. 3-D [Bal98c, Bar84, CCV85, CE83, FZY84, FPT+82, FPI84, HU83, IIE84, LSF83, LCG83, MTT83, OATO85, TT84]. 3.0
[MD99d]. 31 [Ano15c]. 3D [PM86]. 3DUI [FFK+10].

4 [Lea96a, NCO03]. 4.0
[PZD+18, Spa16b, Sto15]. 450-Year-Old [Abo99b]. 4D [Ake89]. 4D/240GTX [Ake89].

5 [MD99e].

64-Bit [GKB89].

7 [MD99f]. 777 [DSW07].

8 [Bar97a]. 8-Bit [Bar97a]. '85
[MTT85a, KR86]. 86 [Gre86a]. 88
[Ano88b, Pea88].

94 [BDDH95]. 95 [Hay96d, IS95]. 96
[Hay96a, Lea97c]. 97
[Bal98b, GH97, JLC98, Lea97d].


ACM/IEEE [Ano19a]. Acoustic [MOD00, NTM+01, Sch91]. Acoustical [TCE02]. Acquire [PCJ+16]. Acquires [Nea89a]. Acquiring [AXP07, NK14]. Acquisition
ZZ05, GJ93. **Algebraic**

[Fre84, SG86a, Sed90b, Tau94, Sed90a].

**Algorithm** [BB00, BB84, Cha88, DW87, Eil84b, Gal89, GG83, HB97, KGH90, ML83, MW82, Nap05, PB85, RR85, SM86, Sta17, Van84, YT84, AM91, Bli93a, Car87, PB87, Rou87, Sug92, Wan93].

**Algorithms** [BBF86, Cro87a, FM85, Gil94, HHS92, IFH03, LKPM19, Lue01, Mam89, MD95b, Neu94, OKM84, OKKP13, Pan90, SR93, SL00, THB90, UD15b, WD15c, WPF90, Wri90, XZWH14, YKFT84, SW88].

**Alias** [Hay95b]. alias [Bli89c]. Alice [UVa95]. Alignment [RMP+16]. Alis [Kub84]. Alive [Sin10b]. Alpha [SB86a, Bli96b]. Alternate [Lec17, Smi87]. Alternating [HM85], Alternating-Pair [HM85]. Alternative [II15, Mil86]. Altia [MD99d, MD00f]. Altitude [PCJ+16]. am [Bli88e]. Amazing [GP93b]. Ambient [Gol00, GSF08, SKUT+10]. Ambiguities [Bre87]. America [Hay95b]. Among [IDJW19, LWS98]. Amorphous [FH84b]. Amplification [Coh00]. Amputees [VCBS97]. Analog [Tho84]. Analyses [WSW08]. Analysis [AY16, AOH+14, BFFH86, BSM+15, BP06, BG82, CMSEM08, CWB02, CTW+10, Cro18, DNS+15, DFL+18, DT10, Dw16, GGG08, GLRK06, GGG+18, Gro83, GZM97, HT04, HLW13, JS10, JBB+10, LPZ12, LT16, MD99e, MTN18, Mi88b, PA18, RGL+06, RMDT96, RLV+16, SFD16, She06, SJB+16, SJsk19, SGEF+12, Sw10, TMWJK04, TA85, TLS+14, UBS+12, VFLJ02, WYG+12, WBS+05, Wil87b, WDK17, WHC+14, Woo85, Yan01, YBL+12, ZGC14, FM87, GT93, LK95a, RBOV94, UO91].

**Analysts** [KBHP14]. **Analytic** [CS85, CPG+16, EI17, SP15, XAJK+15, ZHZ+15, JRM17].

**Analytics** [Ano14-30, Ano18c, BHPS12, BQP+15, Cha09, CZG09, Che08, CCR10, CTW+10, CP13, CL18, DFL+18, ENDAD13, EE12, EBN13, End14, ECNZ15, EI17, FFN19, FDC14, GCS+12, KCW+17, KW15, KVHD17, LBDM19, LAC+14, LRS12, MGO14, MHR+09, MLJ19, MGN+11, PGS+08, PGS09, QC15, Ren15, RBD14, SBCdS04, SMP+19, SZMJ12, TC06, TC15, WT04, WLL+09, WGC+11, WSP12, WSJ+12, WHC+14, ZY18, ZYL+17].

**Analyze** [BK+19, Koz12]. **Analyzing** [BGM+07, CKJC12, EG98, Gal04, PGM19, SRE98]. anatomic [RKRW87].

**Anatomical** [HBR+92a, WLC+12, HBR+92b]. **Anatomy** [BWH99, Wil97]. ancient [Cra91, YYOiT92]. Andrew [BG96, Gla02a, Gla96c, Gla96b, Gla96d, Gla96c, Gla97a, Gla97e, Gla97d, Gla97c, Gla97f, Gla97b, Gla98e, Gla98b, Gla98a, Gla98f, Gla98c, Gla98d, Gla99d, Gla99c, Gla99b, Gla99a, Gla99e, Gla99c, Gla99b, Gla99a, Gla99e, Gla99c, Gla99b, Gla99a, Gla00f, Gla00b, Gla00c, Gla00d, Gla01b, Gla01f, Gla01a, Gla01c, Gla01d, Gla01e, Gla02e, Gla02d, Gla02f, Gla02b, Gla02c, Gla03a, Gla03b, Gla03e, Gla03f, Gla03c, Gla03d, Gla04a, Gla04b, Gla04e, Gla04f, Gla04c, Gla04d, Gla05a, Gla05b]. Andy [De 11]. Aneurysm [MGW+18]. Aneurysms [GGG08]. Angeles [Wor94]. Angels [BHB01]. Angiograms [WOF96]. Angle [Bar81a, GXMW15].

**Angle-Preserving** [Bar81a, GXMW15]. **Animal** [Gir87, MR98, Wea99a, WAB+13]. **Animals** [Wil97].Animated [CCM15, Gir87, Kop03, LAM01, PFS03, SACD02].

**Animating** [FYZ85, KB96, Sin01b, MTT91]. **Animation** [AH95, AWM10, iAH03, Ano98g, Bad82, BL14, BHS11, BJ18, CBD+93, CE83, CMPA18, CPAV+17, DiL15, EMZT98, FSB82b, Gla88a, HFZ+13, HE82, HEW17, HKS17, JLS15, KMTM+98, hKKS17, Kla89, Kon12, LY002, MD99f, MD99e, MD99d, MAB05, MTT83, MTT85b, MTT85c, MTT85c, NP17, NK85, PSJ87, PJC88, Par82, RPM17, Sin01a, Sta17, SH07,
SBS10, TNTM07, USW17, Wil87b, WS90b, YM95, Zei82, Csu91, FSB82a, GS88, Bad00, DiL15. Animations
[CZP +10, SC12, Ano98h, Ano98i]. Animators [SL11, Str90]. Animatronics [AJD13]. Anime [Kri06]. AniViz [AWM10]. Annotated [NVC92]. Announcement [BBDZ08, SJ+ 16]. Announced [MD99f]. Announces [MD99f, MD99e]. Annual [Ano96a, Ano97a, Ano98f, Ano01, Ano02, Ano03a, Ano04a, Ano05a, Ano06a, Ano08a, Ano10a, Ano11a]. Anomalies [Chr83, Ala92]. Anomaly [ZHZ +15]. Antennas [CWGC90]. Anthropometric [Doo82]. antialiased [FG88a]. Antialiasing [Bar91, BBC +87, Cro81, LJR96, Mam89, Max90, WEWL00, NINT89]. Aortic [GGG08]. Ape [Bar04]. Aperiodic [Gla98a]. Aperture [BKS19]. Apex [Fei85]. API [AJH +12, SD09, Zhi12]. Apollo [NL84]. Apparatus [Wea99b]. Apparel [Paz96, Bref96a]. apparent [Kla93]. Appearance [OKKP13, PR12, RP95, Sto01]. Apple [CWZ99]. Apples [RSZ96]. Appliances [FJHW00, KRL97, WB00a, WB00b]. Application [Agr18a, CPC +16, DNS +15, Eng86, EH16, FJ87, GWA84, LSO8, LSB18, MNO97, RMR +19, Sp186, WYM10, WCE +17, WK85, RKWR87, UFK +89]. Application-Driven [LSB18, WYM10]. Application-specific [Eng86]. Applications [Abo98a, Abo99b, Abo98b, AGBC09, Ano92c, Ano93f, Ano93g, Ano94c, Ano04a, AJH +12, DFQ12, BF999, CWRF05, Cha85, CP89, CDBL83, CHC +97, DB96, Del97, Del98b, Del98c, Del99a, Del00b, DM02b, Ear98, EM09, FE97, GE97b, GBT +02, GPR94, Gre66b, GP93b, GM12, GDY +11, HJ03, Han00a, Han00b, Han01, HU83, Hoc12, KHP +11, Kri00, Kri01, Kro02, KF05, LTJ18, Lea97a, Lea97b, Lic84, ML16, MD99d, MD02e, Mil99a, Mol18b, MKY +08, NL84, PJC88, Paq96, PSE +09, Pot98, Pot00, Pot04, PW14, RMS9, RXB09, RR96, RLG +02, Rok96, Ros97, SW88, Sch08a, SMWS88, Sim95a, Sim95b, Sim95c, Sim95d, Sim96b, Sim97, Ste18, Swe01, TCB03, UMO82, WAB +05, WWF00, War85, Whi96a, Whi96d, Wor94, Wri97, Yan01, ZZ99, aE01, Goe96, Rei91, Sim93a, Ano03a]. Applied [BC87, HMMH18, MCM85, MD18, TF01, MNR +91]. Apply [WC +17]. Applying [BK06, EH16, Rod14]. Apprentice [Sim96c]. Approach [ASYC03, BFK +84, CGIB86, CM16, DJM13, DL15, DYS +07, HWP +19, Hed84, HRO16, LBS +03, MPDR14, PD09, PRN5, RPM17, SC89, SPMS04, Sli17, WS04, YS83, Zha96b, FG88a]. Approaches [Gol38b, HYN03, Mil86]. Appropriate [Ano14a, Ano14b]. Approximate [FDK12]. Approaching [KPH13]. Approaches [ELK97, SF92]. Approximations [RPH11, Tur88]. Apps [MRL13, Nav04]. Arbitrary [CW88, KSK00, ILK84, PO84, Sar90, CW87]. Arc [Gal89, GP90]. arcades [Bal98c]. Archaeological [CVP +03, Sim97, VIK +02, VFLJ02]. Archaeologist [PKT01]. Archaeology [CR02a, Ste91]. Archeoguide [VIK +02]. Archimedeau [OZH15]. Architectural [DD84, Mil89, RAPL98, YWR09, FJ87]. Architecture [Ano19f, BHP +12, CG85, Eng86, FL81, Gol84, KBB88, KKM84, KM88, MYPT09, MRD06, NL84, SMWS88, WMS92, Wei84, Wil86]. Architectures [CPA +10, KB92, MSU +16, SB03a]. Arctic [Sin18b]. Area [Cro87a, GDY +11, Pic92, Rie93, de 86]. Areas [Sar82]. Argentina [Han00b]. ARIES [CRD +18]. Arithmetic [Gol01]. Army [Del00c]. Arsenal [WF02]. Art [Ano16a, CS15a, CS15b, CF16, CPAM08, CR02a, Cha88b, CRD +18, Csu91, Dev13, Die85, Die00, Gl04c, Gl04d, Gl05a,
[Ano88a, Ano16c, Ano17a, Ano19k, Hay95b, Lea96a, Lea97d, Tau12c, Ano17-31]. **Aware** [Gas16, GD11, PGM19, TSLX12, TCB03, dHP110]. **Awareness** [FGW00, LGZ04, PMR+09, RDDT97, SvW09]. **away** [Sim94a]. **Axis** [KPN05]. **Axonometry** [Kri00].

**B** [CP92, GS94, HN85, PT89, PT03, RSR83a, RSR83b, SR85, SB86b, Til83a, YSSP91]. **B-Spline** [HN85, PT89, RSR83a, RSR83b, SR85, SB86b, YSSP91]. **B-Splines** [GS94, PT03, Til83a, CP92], **B.** [Ano19b, Ano19c]. **Babbage** [Ano18d].

**Back** [Ano16f, Bli03c, Bli07b, Enc14a, Enc14b, FGR85, She05, Sin08d, GC91]. **Back-To-Front** [FGR85]. **Back-to-School** [Ano16f]. **Backface** [Bli93a]. **Background** [Ker13, LSFW83, Mac85].

**Backpropagation** [CPM+18]. **Bag** [Sin11d]. **Baggage** [TH17]. **Bake** [PLB+01]. **Bake-Off** [PLB+01]. **Balancing** [Whi94b]. **Balancing** [MBV17]. **Band** [Ken81, PSJ87]. **Basics** [BEW91].

**Basis** [MBV17]. **Basketball** [LTP16]. **BAT** [WJ88]. **Battle** [Kri03]. **BattleBridge** [SBSW96]. **Bay** [WLV+96]. **Bayou** [Hay96a]. **Be** [Abo00c, Ano16x, Ano18s, JB02, Tac16, Sin06d]. **Bead** [TNTM07]. **BEAMES** [DCCE19]. **Beaming** [KND+18].

**Beautiful** [OF14, OC14, ODW15, OZ15, OWZ17, WO13]. **Beauty** [Cha99, Pru90, Sin07a, Sin15f]. **Becomes** [Sin11f]. **Before** [HS01]. **Beginning** [CMBZ00, Go12]. **Behavior** [BM16, DEN13, KSRF11, OKET12, PB06, SB06, TSF+98, WZ+11, WAPW06, WGP97, AES93].

**Behavior-Authoring** [KSRF11]. **Behavioral** [WS90b]. **Behaviors** [BC10, SQG+10, WVY+12]. **Believe** [Enc14c, Sin06d]. **Being** [DeF00, SN86]. **Believability** [BRD17].

**Believing** [SH06, SP06]. **Bell** [Hay96c, TCE+02]. **Belle** [DPG18]. **Belle2VR** [DPG18]. **Benchmark** [LAM01].

**Benchmarks** [MC89]. **Bending** [KG94]. **Benefits** [BBC+87, Lea96d]. **Bert** [Ano08b]. **Bertino** [ZK10]. **Best** [Ano19-35, Dom12, Fol14, Sin12a, Ano18-29].

**Beta** [BD85, Bar93, Gol86, GU86]. **Beta-spline** [BD85, GU86]. **Beta-splines** [Bar93, Gol86]. **Beta2** [BD85]. **Beta2-spline** [BD85]. **Better**
Between [KPTS89, Pra84a, Sin06f, SO95, Smi87, WFOP85, BKP01, HH08, Mol18b, RAGS01, Rh03, TYK01, YP08]. Beyond [EBN13, FZH +13, Han00a, Kra06, LS04a, Pac04, RWB +14, RR92, Ste18, Sto08, Wea98a, WWV +10, ZK10, vD00, EBBS00, RR +14, WB14].

B´ezier [ABB90, SF92, Pie87a].

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Bicubic [PK87, PB87].

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Bidirectional [CPK06, RZSP04, XZZL19].

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Binary-Encoded [LJB +13]. binary-swap [MPHK94].

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Bins [SCH05].

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Bio-LCG +12]. bioelectric [MJM93].

Biological [AJH +12].

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Biological-Modeling [AJH +12].

Biomechanics [Fig02].

Biomedical [GM12, YBL +12].

Biometric [Sin94a].

Biometrics [Kro02].

Biopsy [NCQ +11].

Biosciences [ZP95].

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Blender [BL14].

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Bliss [Sin11f].

Blitz [Sin07b].

Blocks [Mil07].

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Bit [DFL87].

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Blur [HLCC08].

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Boards [MD99f].

Bodies [Bar95, MH04, Wil87b].

Body [Bad82, CLG +16, CMSEM08, EBT98, KK02, hKKS17, PMR +09, SHMN09, Wil82, ZGC14, KauKK +18].

Boeing [Bee82, DSW07].

Bold [Hua11, Tur03].

Bone [CF93, MSB +06].

Books [Har00].

Boolean [Arb90, PS86, YT84].

Boost [Ma07].

Booster [MD99f].

Booze [PSE +09].

Border [TYK01].

Borrowed [Bre90].

Bosnia [Hay96d].

Botanical [AK84].

Both [Hag90c, Hay96a, Sin12a].

Bottleneck [PEMF92].

Bottom [MR99].

Boundaries [Sin01d].

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boxing [YSSP91].

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Convenient [WWV+10]. converge [Sim93c]. Convergence [ARS17].
Convergent [Kel84, San01]. Converging [BHPS12].
Converging-Business-Ecosystem [BHPS12]. Conversations [HZHD03].
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Converting [Gha12]. convexity [FM87, Rou87].
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Cooperation [Koc94]. Coordinate [Bli95b].
Coordinates [Rie81, Bli91c]. Cope [Del02, SP15].
coprocessor [Shi86]. Copyright [Whi95d]. Copyrights [VP99].
Cords [CS06]. Core [Ago14-44, Enc14d, FSO1, KH98, GS12].
Cornea [SRJ99]. Cornell [Ano97i]. Corner [Bli92c, Bli92f, Bli87, Bli88d, Bli88e, Bli89c, Bli90c, Bli91b, Bli91a, Bli91c, Bli91d, Bli92c, Bli92a, Bli92b, Bli92d, Bli93c, Bli93b, Bli93d, Bli93a, Bli94b, Bli94c, Bli94d, Bli94a, Bli95a, Bli95b, Bli95d, Bli95c, Bli95e, Bli96a, Bli96c, Bli96b, Bli96d, Bli97b, Bli97a, Bli98a, Bli98f, Bli98e, Bli98c, Bli98d, Bli98b, Bli99c, Bli99b, Bli99a, Bli90a, Bli90c, Bli89d, Bli89a, Bli90b, Bli90a, Bli90c, Bli91b, Bli91a, Bli91c, Bli91d, Bli92c, Bli92a, Bli92b, Bli92d, Bli93c, Bli93b, Bli93d, Bli93a, Bli94b, Bli94c, Bli94d, Bli94a, Bli95a, Bli95b, Bli95d, Bli95c, Bli95e, Bli96a, Bli96c, Bli96b, Bli96d, Bli97b, Bli97a, Bli98a, Bli98f, Bli98e, Bli98c, Bli98d, Bli98b, Bli99c, Bli99b, Bli99a, Bli90a, Bli90c, Bli90d, Bli90d, Bli90e, Bli01a, Bli01b, Bli02a, Bli02b, Bli03c, Bli03a, Bli03b, Bli03c, Bli03d, Bli04a, Bli04b, Bli04c, Bli05b, Bli05d, Bli05a, Bli05c, Bli06c, Bli06d, Bli06a, Bli06b, Bli07a, Bli07b, HT98, vL16, Bli88c, Bli88b]. Corners [BG96].
Corporate [Mar84, Wri83]. Corpus [EZM+97]. Correct [CPT06]. Correction [BN95, HBR+92b, PP95, Bli00c].
Correlation [FAL+06, WDK17]. Cortex [SMWS88]. Cortical [SM86, WVL+18, ZTT99].
Cosegmentation [WZQ+19]. Cosmic [Sin06a, GR94, Sin93b]. Cosmological [HH08, SBD+17]. Cost [PCJ+16, YST84].
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Extraterrestrial [Pic95].

Extreme [CPA10, Ma09, WSP12, WSJ12].

Extreme-Scale [WSP12, WSJ12].

ExerVis [Use98].

Eye [DLN05, KW15, MKL97, Whi95a, HKW99].

Eyeglasses [ZGL17].

Exs [Sin03d, Sin94a].

F [Sin12].

Fabric [EDC96, MD00].

Fabricate [SR13].

Fabricating [BRL17, TMB13, Wan10].

Fabrication [BKLM17, BA13, CMPA18, IO07, Mue18, KGM95].

FabSquare [BRL17].

Facades [Fin08, FZH13].

Face [CD12, Gla04a, HML83, Mar82, YLR17].

Faces [Bee15, PB10, TMB13, Sin94a].

Facial [EG98, LD08, LYO02, LSQ12, Par82, RP95, RPM17, SBS10, TBP01, VPB91, ASW93].

Facial-Expression [LSQ12].

Facilitating [RWB14].

Facilities [FKK05].

Facing [SPS99].

Factor [EJ98, LL13].

Factor-Based [EJ98].

Factored [WS04].

Factors [Atw84, Bol94, FWC84, Gre84, Liv05, Smi84a, SD83].

Factory [SBC15].

Fail [LMWC17].

Fail-Safe [LMWC17].

Fairness [FS99].

Fake [SK13, Bli88d].

Faking [Bar97b].

Fame [Wea98b].

Famous [MD99f].

Fan [FM89b].

Fantasy [Abo00b].

Fantasy [Cha97a, Pac94].

Farewell [Bar05, Bli94b, Tan12a].

Fast [ASH03, EWS96, Gla84, GPR94, HHHK17, HJCW06, IKSZ03, Kan09, KSSL07, LGW12, LFT19, JLB13, MD99e, PQC12, RKJH99, Rob87, SW83, SK97].
Fatality [HWK+96], Feasibility [PK87], Feasibility-Based [CM92], Features [GZ88, JS10, KT10, KL12, KHP12, LF87, Sch17, WMC97, SG90], Feedback [Bar15, COM15, HH95, SK05], Feels [Wor94], Femoral [HDKS95, WH99, Ano98j], Figurines [MD99f, Sin05b, SW85, SSC+11, LLR09, MD00f, Mar83, SW85, SSC+11, WBS+05, Won08], Feasibility [PK87], Feature [CM92, HR88, LFS84, LTS+13, LWZY19, LRR90, MD00f, Mar83, SW85, SSC+11, WBS+05, Won08].

Figure [AGL87, BMW87, BWP94, HLCC08, Rok96, Sch00, SWD85, YLW85, ZMR98].

Filter [BSP97, CRC+02, Sin05b], Filter [MHC98, HH95, SK05, Bro89], Filtering [Bal05, CDHM97, Gai04, KC05, NL02, STW85, van93, vHdP94, JM95].

Firsts [Sin12f], First-Generation [Hee99], First-Person [HLCC08], Firsts [Sin12f], Fit [Ano16-37, Ano16-38, VCB97, Ano17z].

Fitting [ADB96, BMS84, BW94, VK17].

Five [Hib04, Jef18a], Flag [GA97], Flames [Dio97].

Flat-Panel [MD99f, Kan88], Flatbed [Sch00], Flatland [MD99f], Flattening [SM86], FlatWorld [PNPS03], Flaws [HRM96, TMWJ94], Flexibility [Sin15d].

Flexible [BFB+98, PCPS98, DD04, EWS96, EDC96, KB14, LSQ+12, PBR+14], Flight [AHDG00, Glao00g, LK95b, Sch81, Sin17d, Yan85, ZMR+88, CG94].

Flipping [LPOLID18], Floating [Bli97a].

Floating-Point [Bli97a], Flodar [Sin09g], Flood [Ano98, Tre98], Flooding [ZCS+06], Floor [Del99b], Florentine [Ano99b, BRM+02].

Flow [Dil04, FOI+07, FMM93, GCS+12, HTZ+19, Hed84, IG98, JS10, KHP12, STW+08, Sin11b, SFL+04, Tre98, War08, YIK85, van93, vHdP94, JM95].

Flows [KRS13, RGG19, HH91].

Fluid [Bli15, CdhMH97, Gai04, KC05, NL02, vHdP94, HH91].

Fluid-Based [NL02], Fluids [DYS+07], Flurries [SFL+04], Fly [MHC98], Flying [HWK+96].

Focal [WVL+18].

Focus [Ano95e, Ano95f, Ano95g, Ano96j, Ano14c, Ano15d, Ano15e, Ano16g, CS17a, Ebe05, KHH02, MGM+81, SP15].

Focused [GLC11], Focusing [GLRK06].

Foe [Bal97], Fold [Gla98c], Folk [VVP+11].

Follow [ZWWS19], Follower [SKN+05].

Following [Dil04], Fond [Bar05], Fonts [HBBG95, HH01].

Force [ACL+12, HF18, HWP+19, HH95, SK05, Bro89].

Force-Based [ACL+12].

Forensic [UBS+12].
[UBS+12]. Forensics [Han00b]. Forest [ZK10]. Forget [De05]. Form [Cas87, CS07, HT98, Kim84, KKAM84, LW94, LFOI15, SB86b, Ano96b, Ano97g, Chi87].

Form-Based [KKAM84]. Formal [Dom00, RDDY07, Format [Agu86, BE11, FL00]. Formations [GD13]. Formgraphics [KKAM84]. Forms [FH85, Sei93]. Formulas [Wil85].


Four [Bli04c, Mac94, Wix83]. Four-Dimensional [Wix83]. Fourier [Gla99d, MWM87, SP04a]. Fourth [HH92b]. FoxTrax [Cav97]. Fracas [Sin05c]. Fractal [CR94, Har96, OF14, Sin05c, Sin06b, Sin09c, Sin15c, Sin16a].

Fractals [MD95b, Sin05f, Sin14f, Van10, GBCK93]. Fractional [Bli88b]. Fragile [CT09]. Fragmentation [TS13]. Fragments [Sin08b]. Frame [FM85, GF86, PEMF92]. Frame-Buffer [GF86, PEMF92].

Frameless [TTL+96]. Frames [AH95, MED+93]. Framework [DKS+05, DM02b, GTHL99, HW18, JAC+08, KSRF11, LGK+06, MD02e, RBD14, SPA+16a, Tak85, VP99, MD99e, MD99d].

Franca [SR16]. Fraunhofer [Ear89]. Free [AHDG00, Cas87, CS07, COM15, Dai89, DDdSC11, Fi83, HT98, Kim84, LW94, Lea96d, PLS+16, SB86b, Chi87, EW96].

Free-Form [Cas87, CS07, HT98, Kim84, LW94, SB86b, Chi87]. Free-Throw [COM15]. Freestyle [GD13]. freeze [MED+93]. freeze-frames [MED+93].

Fresh [Ano14d]. Friend [Bal97, Bli94a, Hay96a]. Friendly [Pat12]. Frieze [Gla96a]. Front [Ano14c, Ano14f, Ano14g, Ano14h, Ano14i, Ano15f, Ano15g, Ano15h, Ano15i, Ano15j, Ano15k, Ano16h, Ano16i, Ano16j, Ano16k, Ano16m, Ano17d, Ano17e, Ano17f, Ano17g, Ano17h, Ano17i, Ano18h, Ano18i, Ano18j, Ano18k, Ano18l, Ano18m, Ano19v, Ano19r, Ano19s, Ano19t, Ano19u, FGR85, GC91].


Full-Wave [BC87]. Fully [WSKY09]. Fun [Bli96b, Bli98f, Sin09c]. Function [CPK16, GHQ04a, HP91, Wil13, PPK05, PT90, PLB+01, SDT+93, Van10, GZM97, Har96, PABS86]. Function-Based [PPK05].

Functional [Eas90, SMWS88, OG91]. Functionality [MD99f]. Functions [BC87, CXPG19, JF99, KK02, hKKSK17, PMR+09]. full-function [PABS86].

Gain [KGR+18]. Gait [van96]. Gaits [AP11]. Galant [Sta17]. Galleries [Ge06]. Gallery [Sin11c, Swe01]. Game [Abo99a, BEW+98, Bli99a, CMT+10, DMJ05, DB16, Del00c, DEN13, Die11, ENDA13, EH16, KIQ+06, LC16, LPOLID18, MTN18, MJ08, NOK+08, RRV+15, SFTP18, SOM+10, ZTJ+07].

Gameplay [QCP+10]. Gameplayers [DY09]. Games [BES09, BLH+08, CZP+10, Got09, Hay96e, IKZ03, SKUT+10, LaV08, 

Funny [Del05]. Further [Bli98e, Ric15]. Fusion [dOGDM+19, Sin04f, WKHL96]. Future [AM90, Arn14b, Bee82, Bli00a, BSHB01, CWZ99, CMZ01, Enc14b, ECS+15, FE97, GOPK18, Har90, Kas00, May83, O’S11, OJ14, Per16, PBSB08, RV07, Ros00b, SGE+18, SB03a, TYK01, WFR+00, Whi95d, Ano14p, Wil91].

Fuzzy [CMT+10, FS86, Lea96c, Zha96b].
Saw08, SS19, Sch08b, Wea98a, ZED+09.


Gauge-Figure [BWP+16]. Gaussian [LJR96]. Gaze [JSH16, LM10]. Gears [Sin01b]. Gen [BLH+08]. Genealogy [Sin16a]. General [Ber86, Bli06c, GKB89, KHP+11, KKGH90, RR85]. General-Purpose [GKB89]. Generalization [HB06]. Generalized [Gol84, HF07, RO96, Roc87]. Generated [Gla96b, HM85, JCM07, MIA+08, PF83, Yan85, WFG92]. Generates [MD99e]. Generating [AH95, BB84, GD13, IP92, IMS03, KB82, LBW+17, MHR+09, PF83, SM86, SG86a, WKS86, Cam91, GG92]. Generation [AK84, DD19, Eng97, Gar17, HB84, Hee99, HBBG95, ILC10, JLW08, KSY85, Ler82, Ma07, MOP89, Ry06, RO86, RBE08, Rot03, Sch81, WEWL00, YS83, ZLMY19, ZTJ+07, vD05, GFB87, Jam87, Ols86, WS92, Wth87, WR89]. Generative [BRB17, CM11, Hei94, Shi17]. Generator [Abo99b]. Generic [Ker91, KRSR13].

Genomics [LZF+14]. Genre [BRCP17]. Geographic [AAW17, EJ98, MC85, SMP+19].


Geometric [AEFQ96, BD89, BD90, BI84, CS06, DM02b, DR83, Elb05, Gla92, GGG08, GMFT89, Gol00, Hei94, KHP12, KPTSS9, Lee08, MD02e, MGO+16, MK84, Nie92, Ozt15, RSDP01, Ros89b, SG86a, Tak85, Tau12b, UTMI11, WW86, Wil85, Bar81b, Car87, FH85, GJ93, GU86, GBCK93, Kal87, Til81]. geometric-modeling [Kal87].

geometric-modeling/drafting [Kal87]. Geometrical [DM02b, MD02c]. Geometrically [BD90]. Geometry [Bec15, Ben99, Bli05c, Cam17, FD03, FWSN86, GTHL99, Mi99a, Mi99b, RR86b, SW83, SR16, SM86, SG86a, WKS86, Cam91, GG92]. Geometry-Based [Ben99].

Geophysical [GDF+14]. Georges [LFE+18]. Geoscience [JLMV06].

Geoscientists [FPH+06]. Geospatial [MAS17, GDS+18, HJF06, Jon07, KPSN04, MMR+06]. GeoTime [PCH+07].

GeoVisualization [Kra06, MGP+04, RMD06]. GeoWall [JLMV06]. Gestalt [RC13]. Gestural [KDMH17, RLOW13, Mak87]. Gesture [BBP14, OSK02, SZP+00, KmKK+18]. gesture-based [KmKK+18]. Gestures [CPAV+17]. Get [Abo99a, Ano15l, Bi96].

Gharavi [CS19]. Ghost [Bli98a, ILC10]. Gift [Ano18-37, Ano18-38, Ano18-43].


GKS [BEHt82, BDDH95, GKS86, MN84, PM86, Sch86, Spi86]. GKS-3D [PM86].

GKS-94 [BDDH95]. Glance [BFH02].

Classes [Del05, Hay95b]. Glassner [BG96, Gla02a, Gla96e, Gla96a, Gla96d, Gla96c, Gl97a, Gl97c, Gl97f, Gl97b, Gl98e, Gl98b, Gl98a, Gl98f, Gl98c, Gl98d, Gl99d, Gl99f, Gl99a, Gl99e, Gl99c, Gl99b, Gl00a, Gl00e, Gl00f, Gl00b, Gl00c, Gl00d, Gl01b, Gl01f, Gl01a, Gl01c, Gl01d, Gl01e, Gl02e, Gl02d, Gl02f, Gl02b, Gl02c, Gl03a, Gl03b, Gl03c, Gl03e, Gl03f, Gl03d, Gla04a, Gl04b, Gl04e, Gl04f, Gl04c, Gl04d, Gl05a, Gl05b].

Global [GB96a, GOPK18, JLL+10, MYK+08, MED+93, Sim96c, ZCBM14].

Glove [MGO+16, SZ94]. Glove-based
[SZ94]. Glyph [LMWC17]. Glyphs [CE98].

GMSOLID [BG82, Sar82]. Go

[Ano18-50, Hay96a, Mac97a, Ano14-39, Ano15-43, MD99e]. Goal

[KB82, Lea96a, MOD00, NLvLM09]. Goal-Based [MOD00]. Goal-Directed [KB82, NLvLM09].


GPS [Sch07, SAHK13]. GPU [Bai09, Bai11, Bai13, IO07, JCM07, RNNTD14, SWS07, Ste18].

GPU-Accelerated [RNNTD14]. GPU-Based [JCM07, RBE08, SWS07].

GRAAL [JAC +08]. Grabbing [KP14].


Grain [Sin11a]. Grand [CZP +10, FKK 10, vLBW17]. Grandpa [Bli92c].

Graph [BVD19, DFM+02, HWP+19, IK15, OKS+17, Pat12, RBD14, SR16, SSMJ12, SSSP15, WCG+11, WZQ+19, SK91].

Graph-Based [RBD14, SR16, SSSP15].

Graphic [Ano92h, Ano93m, Ano93n, Ano93o, Ano94l, Ano94m, GF94, MOP94, Mar83, Mar84, RC85, Sim93b, Sto00, War81b, War81a, War85, WK85].

Graphical [Agu86, DiS14, FPJ04, MTT83, SWS84, Wil84, Alp93, OD88, PM86].

Graphically [Agr09, Chah9, CW09, GDS+18, Mac09, Saw08].

Graphics [Agr18a, Ake89, Ana87, AS11, Ang17, Ano03a, Ano04a, Ano16f, Ano19-41, AM90, Arn14a, Arn14b, ASP+86, BMC84, BC87, BC05, Bal98a, Bar97a, BDJ86, Ber93, BBK82, BT00, BB82, BM86, Bli96d, Bli98c, BH81, BDM02, BM03, BA85, BEH82, Bor89, BBS09, BEG92, CDLS19, CPAM08, CH81, CWW99, CBB8, Cara8, CM86, CR02a, Cha85, CG85, Dal19, De 11, Del02, Den93, Dev00, DDG88, DD84, Ear98, Ell94b, Enc00, Enc06, ECS+15, Eng86, Eng00, Fer01, Fet82, Fig01b, FWC84, FAB+98, FPT+82, FPI84, FL81, Gar15, GN83, GS87a, Gel07a, GB96a, Gl03d, Gol00, GWH05, Got82, GKB89, Gro83, Gus83, GVA86, Hai87, Hai87, HI03, Han00a, Han01, HH82, HJO86, HD01, Hob81, Hoe12, HWS82b, Hue83, Ike84, IS95, JAC+08, KB09, KTA+02].

Graphics [Kas10a, Kas10b, Kas11a, Kas11b, Kas11c, KKAM84, Kri01, Kro06, Kro02, KR86, LLK+03, LL03, Lapp82, LEM16, Lea96d, LR90, LMP89, LPMPCM11, LSFW83, LCG83, Mab82, MCM89, Mac99a, ML16, Mac81, Mac83, Mac85, Mac94, MEW98, MD99e, MD99d, Mac00a, MNR+91, Mar83, Mif99b, Moh85, MM84, Mye84c, Mye85, Nea86, NG96, Pal81, PG04, PZD+18, Pot96, PFA86, PAR05, PK08, Red01, Ree84, RR84, RME14, RGA+83, Rho90, Rho93, Rho97a, Rib98, Rie81, RA93, RS99, RMM+91, RR86a, Ros00b, RFN89, SB86a, SvNG89, SWS84, Saw83, SMW88, SB87, SG11, SSL06, She82, SBL86, Ska86, SG86b, SK86, Ste18, SP06, SRS83, SDS95a, SBE95, SDO3, Tak05, Taul0c, TM88, Tho00, Tur02a, UMO82, USW17, VG84, VGB1, Voo89, WMS82, War81b, War81a, War85, WK85].

Graphics [WMB85, Whi97, Whi87, Whi84, WSKY09, Woy96b, de 86, Bli91b, Bli91c, Bli91d, Bli92c, Bli93b, Bre96a, Bri90, Bro89, DS87, FG87, GB96b, HH92a, Hod92, Jam87, Mac91, MG88b, Pin91, PG93, RKRW87, Rho91, Rho96, SW88, Shi86, Sta91a, Sta91b, SDS95b, WCC91, Woa91a, Gre86a, Hay95b, Hay96b, MTT85a, Pea88].

Graphics-Related [SDS+11].

Graphphoto [PKM18].

Graphs [HK10, Mnn98, Pw07, Ry06, SSTP18, Shi83, Sow00, vLBW17].

Grass [BPB09].

Grassland [JWHR12].

Gravity [eKKS17].

Gray [MKFN87].

Grayscale [MKFN87].

Green [LY92].

Grid [BS03, WS90a, WHC+14, FP93, Rou87, Use93].
Grid-Distributed [BS03]. Gridded [DP00]. Grids [ABD+12, ChAr83, DMR83, FS01, ILC10, KS97, MWY+15, RSK+06, Kla93].

Grinstein [LFE+18]. Ground [FZ03, Sim95b]. Group [FY97, GD13, Hil82, Lea96a, MCP+06, TSF+98]. Groups [MFP+95, PE09, Gla96a]. Groundware [HMR05]. Growing [MFL08]. Growth [KSSL07].

Ground [FZ03, Sim95b]. Group [FY97, GD13, Hil82, Lea96a, MCP+06, TSF+98]. Groups [MFP+95, PE09, Gla96a]. Groupware [HMR05]. Growing [MFL08]. Growth [KSSL07].


GROUP-WATCH [RC85]. GUIs [LS08].


Habitats [MR98]. Hair [XY01, WS92]. HairStudio [XY01]. Halos [Gla96e, Gla96b]. Hamming [LMWC17].

Hand [HFF+13, MIA+08, KMK+18, LK95a]. Hand-Drawn [MIA+08]. Hand-Driven [HFF+13]. Handed [EZM+97]. Handheld [BVF+05, SPT+15]. Handler [Goo86].

Handles [KP14, MD99d]. Handling [BHP07, ESS82]. HandPrinted [WB85]. Hands [BPB14, Kas12a, NF11, Sim94a]. Hang [CZP+10]. Happily [Ger96].

Happiness [Got09]. Haptic [BSA+04, CT04a, DYS+07, HS04, KSD04, KP18, KW04, KL09, LPLN04, LGM13, LS04b, LS04a, LO05, LLZ13, LX04, MH04, SS97, SBE04a, Sin04d]. Haptic-Based [LLZ13]. Haptic-Rendering [KSD04].

Haptics [BDK+04, GQ04b, SM04, Sin04b]. HaptiStylus [ABS16]. Hard [JB02, Kas12b]. Hardware [ABS+05, Ano94n, Bar91, BFP86, Eng00, GWH05, Hob81, Kas13, KY97, Laz87, MD96c, Mac96, Mac97b, Mac98, MD99f, MD99e, MD99d, Mac99b, MD00f, Mac01, Mac03, Mac04, SR13, WBS+05, Pap06, Sta91a].

Hardware-Assisted [Bar91, KY97, WBS+05].

hardware-independent [Pap96]. Hardware/Software [MD96c]. Harlan [Ano18n]. Harlem [JLC+02]. Harmful [BT07]. Harmonic [MG88a]. Harnessing [Int00, RTF+05, SFG+05]. Hats [Sin18f, Whi94a]. Having [Enc17b].


Head [MD00f, RS14, SK13]. Head-Pose-Based [RS14]. Heading [PPA14]. Heads [Hay96a]. Healing [Tak05].

Health [CLP+18, Han01, LTD16, Saw08]. Healthcare [GB16]. Hearing [GDS+19]. Heart [WOF96]. Heart-Vessel [WOF96].


Helicopter [MG14]. Hell [Dio97]. Hello [ST10]. Help [Ano18o, LSB18, Rei17].

Helping [Del02, DAS13]. Helps [Del99a]. Her [Sin11c, Sin12c]. Here
[Bar00, Del98b, Bli98c]. Heritage [Arn14a, Arn14b, BT00, EHBPG04, GBT+02, Sin14a, SPM10]. Herzog [An08b]. Heterogeneous [AOH+14, PGM19, RFK+13]. Heuristic [SFD16]. Hey [BG96]. Hidden [HE82, MR87, OKM84]. Hidden-Surface [MR87, OKM84]. Hierarchical [CCV85, FUFO6, GL09b, HD04, ITS06, LWZ+18, MKF07, SW88]. Hierarchies [GS87b, SL00]. hierarchy [FH85]. High [ABDR+12, AJD13, Ano15m, BL14, Bee15, BB82, CB86, CCC+07, CNL00, DBS96, Del98a, DASF13, DD84, FT00b, Gas16, HBW95, HKW99, Ike84, JLW08, KKV+02, LS84, MD99e, MTT83, MH04, MR99, MMP+07, NK14, Rot03, SFF+00, TO83, War85, XPH05, DLW+92, Sim95b]. High-Dimensional [Gas16, HKW99]. High-Dynamic [JLW08]. High-Dynamic-Range [JLW08]. High-Fidelity [ABDR+12, MH04, NK14]. High-Level [MTT83, TO83]. High-Performance [CB86, DD84, FT00b, War85]. High-Precision [MP+07]. High-Quality [Rot03, HBW95]. High-Resolution [CCC+07, KKV+02, MR99, SFF+00, Sim95b]. High-Speed [DBS96, Ike84, LS84]. High-Tech [MD99e]. Higher [Dwy16]. Highlights [iAH03, GH97, wVNS10]. Highly [XZWH14]. Historic [ATS+03]. Historical [RV82]. History [CR02a, Hg90d, Woc91a]. HLS [FS86]. HMDs [CR15]. Hockey [Cav97]. hole [ABB+93]. Holes [HT98, Sch93a]. Holly [III0]. Hollywood [PNPS03]. Holograms [Bim06, PFS83]. holography [Hh92a, Sch91]. Home [Ano15m, Bar15, Lat98, Lea96a]. homes [FJS87]. Homogeneous [ERS02, Ric81, Bli93b]. Homographies [PXC02]. Honor [Hay95b]. Hopper [Ano88a]. horizon [Bli95e]. Hosek [Wil13]. House [Ano14s, Ano14-29, Ano15c, Ano15t, Ano15u, Ano15y, Ano15-35, Ano15-38, Ano16d, Ano16g, Ano16r, Ano16s, Ano16t, Ano16u, Ano16v, Ano16x, Ano16z, Ano16-27, Ano16-28, Ano16-29, Ano16-36, Ano16-38, Ano16-42, Ano16-43, Ano16-39, Ano17a, Ano17c, Ano17p, Ano17-27]. HPC [Ano18p, Ano18q]. Hubble [LK95b]. Hulls [RSL83b]. Human [AGL87, Atw84, Bad82, Bee15, BRD17, Bol94, BBC+87, BvDE+99, CCR+82, CDP+93, CNT+97, CMSEM08, DB+08, DLE14, EJ98, Enc16a, Fet82, FWC84, Gro84, HS04, HWY16, HE82, IK15, Jer18a, KJA+18, hKSSK17, KB96, Koc94, KW10, LBS+03, Liv05, LK08, MKL97, Myn08, NZZ00, Paq96, PB10, SWDR16, SRF99, Sin16f, Smi84a, SD83, TK03, Tal97, VCR98, WC11, Wil82, YNH04, YCKF15, aCJB+12, vOV15, KDH95b, MB91, Sim96b, TSH96, Whi95d]. Human-Centered [BvDE+99, Jer18a, Tal97, YCKF15]. Human-Character [WC11]. Human-Computer [Koe94]. Human-Robot [DLE14]. Human-Centric [BRD17]. Humanities [BEAC+18, CDLS19, CN03]. Humans [BES17, CEMTT18, EMTTT98, EBT98, KMTM+98, Lok06, LCR+14, Tac16, YBL+12]. Humpback [WAPW06]. Hungry [Sin19a]. Hurrah [SwNG89]. Hurricane [ZCS+06]. HuSIS [SWDR16]. HutWindows [KM88]. Hybrid [KSD04, Lev90, RFK+13, RLG+02]. Hybrid-Reality [RFK+13]. Hyperbolic [Bli04a, Mun98, OC14, Bli95e]. Hyperfun [BRD17]. Hypermedia [An98, CLC+96, Cra91]. Hyperscore [FPJ04]. hyperstream [DH93]. I-WAY [DB96]. I/O [KHP+11]. i3Drive [AP10]. 1860 [GKB89]. Iconic [Loc83, Mar84]. Icons [YL11, Hag94]. Identify [Han00b]. Identifying
[MGO+16, SSZP15, TCH+96]. Identity
[Mar84, REF+06, SCOSL13].

Identity-Differentiating [REF+06].
IDGraphs [RGL+96]. IEEE
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Multidisciplinarity [EE12].

Multimodel [DCCE19].

Multiple [BMW87, CBD+93, GL82, GH86, HGL13, LWS98, Mi93, MKK+96, Sin18f, Tay02, U1L+06, YIK85, H901].

Multiple-Scattering [HG13].
Multiple-Write [GL82]. multiplexed [Hod92].

Multiplexing [OOHR14].

Multiprocessor [GP89, GGV92, HDF+92].
Multiprojector [SFF+00].

WTR11, ZWWS19, vBE12, GS88.

Motion-Shape [HEW17].

Motion [PR08, VCR98]. Motivated [Dom12, Hib04].

Motivation [DSF+19, ST09].

Motor [Zel82].

Mountains [Sin04c].

Mounted [Fox05, US17].

Mouse [FPW+00, LZF+14, WJ88].

Move [DASF13, Wor94]. Movement [ABS16, CCP82, Ebe05, ZGC14, EW96].

MPEG [Lea96a, NCO03, Whi95d]. MPEG-4 [Lea96a, NCO03]. MR [GZM97].

Multicore [Hag90b]. Multi [Ano15-44, GK86, RBE08].

Multi-Core [Ano15-44].

Multi-Microprocessor [GK86].
Multi-Volume [RBE08]. Multiactor [KSRF11].
Multiaxial [PT94]. Multicast [Fis02, MZP+95].
Multicomputers [BMR90, Ell94b]. Multidimensional [DKS+05, KK94, LLR99, RCB98, SCB+04b].

Multidisciplinarity [EE12].

Multimodel [DCCE19].

Multiple [BMW87, CBD+93, GL82, GH86, HGL13, LWS98, Mi93, MKK+96, Sin18f, Tay02, U1L+06, YIK85, H901].

Multiple-Scattering [HG13].
Multiple-Write [GL82]. multiplexed [Hod92].

Multiplexing [OOHR14].

Multiprocessor [GP89, GGV92, HDF+92].
Multiprojector [SFF+00].
Near-Field [Sch00]. Near-Real-Time [AGL87, LKS96]. Necessarily [Sch86].
Neck [PP11]. Need [Dom00, Joe13, KS08, Rei17, RDDY07, Bli89c]. Needles [War04].
Needs [Jer18a]. Negawatt [BRM10].
Negotiation [Hay96d]. Neighborhoods [DY07]. nerve [ASK94, SAO*95]. Net [Gla97c, MD99f, JMT*01]. NetCDF [RD90].
Network [CPN09, CXPG19, DGTH07, Dwy16, FAL+06, GP93a, GLRK06, HLW13, ITS506, MD99e, RFN89, RGCB07, She82, SSH+98, Tre98, Wei84, ZHZ+15, BEW91, Eic96a].
Network-Based [RGCB07].
Network-Transparent [RFN89].
Networked [FSP00, HILW98, Tac98].
Networking [Ano18x, Ano18-41, CNL00].
Networks [Bac16, DBS96, DeF00, DD19, LFV+97, LWZY19, MW82, WMFM13, WZQ+19, RKRW87]. Neural [DD19, HHKK17]. Neuroanatomy [SM86].
Neurological [HS04]. NeuroNet [SKS+96b]. Neuroscience [JBH*10].
Neurosurgery [RGA+83]. Neurosurgical [RNNTD14]. NeuroTrace [JBH*10].
Newdle [YLL10]. News [Ano92b, Ano93m, Ano93n, Ano93o, Ano93p, Ano93q, Ano94k, Ano94l, Ano94m, Ano97i, Ano98g, Bal97, Bal98c, Bal98b, Hay96a, Hay95b, Hay94, IS95, KN+18, Lea96d, Lea97c, Lea97d, Mac97a, Whi95d, WW95, Wor96b, YLL10].
Newton [Dia94]. Next [Agr09, BLH+08, DeF00, Gai17, JS03, LCG+02, LR14, Ma07, Mye85, Rhy00, RRB+14, ZTJ+07, vD05, Sta91b].
Next-Gen [BLH+08]. Next-Generation [Gai17, vD05]. Nice [Bli93c]. Night [Sch99].
NIH [MJM+06]. No [Hay95b, WF02].
Noble [Bar04]. Node [IK15]. Noise [SKBF12, Tur02a, XP05]. Nominations [Ano16c, Ano17a, Ano19k]. Nominees [Ano16c, Ano17a]. Nonaliasing [Fan86].
Nonconvex [ILK84]. Nondissipative [XMJ08]. Nonhuman [KP11].
Nonintersecting [SS88]. Noninvasive [WKHL96]. Nonlinear [LR90, YCB05]. Nonmanifold [YK95, CR91]. Nonparametric [JAPF07]. Nonphotorealistic [DCLK03, FM03, LS95]. Nonpinhole [RPHW11]. Nonrational [PT03]. Nonrigid [CD12]. Nonrigid-Deformation [CD12]. Nonuniform [PBR+14, RSK+06, YSWW08]. Nonuniform-Layered [YSWW08]. Normal [FZY84, Gla97e, JDZ04, SAD02]. Normalization [GMTF89]. Normals [NK14]. Note [And98, Fil84, Ger98, HB97, LR90, Mus90b, She82, WGI15, Wri98]. Note-Taking [WGI15]. Notebook [BG96, Gla02a, Gla96e, Gla96b, Gla96a, Gla96d, Gla96c, Gla97a, Gla97e, Gla97d, Gla97c, Gla97f, Gla97b, Gla98e, Gla98b, Gla98a, Gla98f, Gla98c, Gla98d, Gla99d, Gla99f, Gla99a, Gla99e, Gla99c, Gla99b, Gla99a, Gla00e, Gla00f, Gla00b, Gla00c, Gla00d, Gla01b, Gla01f, Gla01a, Gla01c, Gla01d, Gla01e, Gla02e, Gla02d, Gla02f, Gla02b, Gla02c, Gla03a, Gla03b, Gla03e, Gla03f, Gla03c, Gla03d, Gla04a, Gla04b, Gla04e, Gla04f, Gla04c, Gla04d, Gla05a, Gla05b]. Notes [Ano10c, Mac97a, Wri83]. Nothing [Sin13f]. Notion [WS90b]. Novel [ABS16, DSP+14, SZ+18, XP05]. Novice [FP10]. NPSNET [CMBZ00]. NPSNET-V [CMBZ00]. NRC [Wor6b]. NSF [MJ+06, Ano97]. nSpace [PCH+07]. NTSC [Bli93c, DS87]. nu [Nie86]. nu-spline [Nie86]. Nuclear [AMJ+08]. Nucleus [CHY99]. Numbers [DH91, Sto05]. Numerical [MD99c]. Numerical [Mab82]. Numerically [JDH+89]. Numerics [Bli07b]. NURBS [BS96, Far92, LW94, Pie91, SR97]. NURBS-Based [LW94]. NVE [FEV+01]. NYSE [Del99b]. O [Gla99e, KHP+11]. Oak [Sim95a]. Object [BKSS07, GS87b, Gol84, HKS17, KP14, NL02, SC89, SPMS04, SW85, Sil95, WJ88, EW96, KS94]. Object-Oriented [SC89, Sil95]. Objective [USW17, WGFZ+18]. Objects [BRL+17, BC87, Bli05c, BH84, CCEV85, CW96, CS07, DT81, FGR85, GWW86, HS87, JK90, LMA+17, LFP01, MD99e, MOP89, MSF07, MK84, OAT05, PrJ07, PS86, Rie93, RZSP04, SS97, SWvdWvW12, SSS8, SKP09, TUF+16, TTS84, WLL+16, WWM87, YYYI92, YY99, UO91]. Oblique [KKGH90]. observation [Hay95a]. Observations [CRA+18]. Observing [LZ+14]. Occluding [CS07]. Occlusion [AM04, AXP07, GSF80, SKUT+10]. Occlusion-Resistant [AXP07]. Ocean [APA+11, GMNF97, MWM87, JM95]. Oceanographic [Ros89a]. OCM [GS12]. October [Ano15c]. Octree [DT81, FA85, KSY85, YK84, YKFT84]. Octree-Encoded [DT81]. Octree-Related [YKT84]. Octrees [GWW86]. Ocularist [MB+03]. Off [Hay95b, JAP07, PLB+01, Sin01c, SO95, SN86]. Off-Center [JAP07]. Offered [MD99c]. Offers [MD99f, MD99e, MD99d, Sim95d]. Office [BW00, GOPK18, Lea96a, LW14, MD99d, MDD00, WFR+00]. officer [ZAP95]. Offset [ELK97]. Offsets [TH84]. Offshore [CSWB01]. Oil [Bli05c]. Oil [Del99a, LLG+07, RRR+16]. Okinawa [MD99d]. Old [Abo99b, Bre90, DS07a]. Older [LTD16]. Olfactory [NOK+08]. Olympic [PCZ+09]. Olympics [She06, TC96]. Omitted [HE82]. Omnimax [GH86]. On-Line [Lea96a]. On-the-Fly [MHC98]. One [An08-40, AL11, An14a, Dom12, Hag90d, Rob87, Sin03c]. One-Dimensional [Rob87]. One-Semester [Dom12]. One-Way [An14a]. Online [BvDE99, CSMT03, Gel07b, PFB06, TN10, YLL10]. Only [Lev00]. onto [YZM+11]. Ontologies [CCE+14]. Open [Ano19-32,
Gla03b, Gla04f, Gla04c, Gla04d, Gla05a, MD02e, OF14, OC14, ODW15, OZH15, OWZ17, PH98, SDS95a, WG95a, WG95b, Bli94a, KnKK+18, Sds95b, Arn14a, Arn14b, Bli03e, Bli03a, Bli03b, Bli03c, Bli03d, Gla02e, PH99, WS09a, WS09b, YMK+12.

Participating [dOGDM+19].

Participatory [SML+09, Woo15].

Particle [DPG18, EWS96, Gos90, RSP15, SFL+04, WYG+12]. Particle-System [EWS96].

Particles [van93, Bli91d]. Partitioning [JWL+18, SS88].


Patent [WW95]. Path [Tau10c].


Pausch [SK13]. PC [BEW+98, Cav87, DS87, Hail87, Jorz83, Jam87, Lzz87, MD09, MD00f, Rih98, WPLM01].

PC-CAD [Cav87, Hail87].


People [GJM18, IS95, MFM+16].

Per-Element [TH14]. Perceiving [WF92]. Perception [CS17b, DPA+11, GFW+16, HE02, LLL16, Sto12, TBP01, TF01, XZWH14, EFB+94].

Perceptions [Lec17]. Perceptive [BTD+03, LSR+00]. Perceptual [EH03, HW82a, ITW01, LWZY19, SKBF12, SB13, WGZ+18, War08, BHMN95, Rob88]. Perceptually [HBGC95, Red01]. Perfect [Ano16d, WWF00, Wil91]. Perfection [Abo98b]. Performance [Ala92, BRG+00, BKL+00, BCL+87, CS19, CB86, DD84, FT00b, GRB+85, HML83, Hoe12, HSK17, MMD+19, NB94, PLM+19, Pra84b, SO5, SH07, WP87, War85, Bro89, DWL+92, HM95]. Performance-Based [HSK17, SH07]. Performances [BH16].


Persistent [LJ96, SKJ+13]. Person [HLCC08]. Personal [CLms15, GM87, Hec86a, KW15, Mue18, Tho84, TLCC17, TC15, WTL15, Wool15, YST84, de86].


Perspective [Ang17, Bee82, COM15, DFL+18, Enc06, FHS4a, GH86, Kri00, MLJ19, Mar84, MMT18, Myo82, Rob87, YCB05, Bli93b, RMM+91].


[BRL]+17]. Photorealistic
[ARL]+10, CG94, HCC05, TK03]. Photos
Phylogenetic [HBW]+14]. Physical
[CS15a, DAMAS17, HAB+01, HW18, LFOI15,
RZSP04, Smi84b, VK17, WLVL+96].
Physical/Biological [WLVL+96].
Physicalization [KJA]+18]. Physically
[CPN09, CPK06, LX04, RL07, TW88].
Physician [GRB]+85]. Physics
[BB82, DPG18, HZ11, Kan09, hKKSK17,
MQR99, SL11, VBHS11]. Physics-Based
[HZ11, hKKSK17, VBHS11]. Physiological
[HS04, Mur84a]. Physiology [TA85].
Picks [Hay95b]. Pictorial [Fei85]. Picture
[Gla02c, LSB18, Par98, PM82, SM84, Woe83,
Wor83]. Picture-Plane [SM84].
Picture-Processing [PM82]. Pictures
[Han14, Lea97a, Sim97, Whi95c]. Pie
[CWZ99]. Pieces [Gla02f]. Piecewise
[PR08]. Piegl [Use93]. Piet`a
[Abo99b, BRM+02]. Pinhole [PBR]+14].
Pins [JPSM13]. Pioneering [Swe01].
PIONS [BM86]. Pipeline
[Bli99b, Pie87b, PT00, Sin04a]. polar
[Sei93]. Polarization [SKS+13, WK90].
Polarized [ZGP+13]. Polarizing
[BWWM12]. Policy [KNRB12]. Political
[CKJC12, WW95]. Polygon
[Bar91, GPR94, GGS3, Lev90, OATO85,
Van10, Whi94b, HBW95, Til81, Wan93].
Polygon-Based [Van10]. Polygon-To-Rectangle [GG83].
Polyconal
[IFH+03, KT96, Luc01, ODW15, SP04a].
Polyonalization [HW90]. Polygons
[Gla99d]. Polyhedra [LK84]. Polyhedral
[HHK89, SS88, Tur88]. Polymorph
[LWS98]. Polynomial
[Bli00c, Bli01a, FM82, Man94]. Polytopes
[OWZ17]. Pong [BRL06]. pool [RHC95].
Pooling [ABWS05]. Pop [Gla02e, Gla02d].
Pop-up [Gla02e, Gla02d]. Populace
[BO09, PD09]. Portability
[Bri90, SQG+05]. Portable
[BFB+98, GOPK18, Lea96d, MD00f].
Portfolios [MML+15]. Portrait [ZJH+18].
Pose [GDY+11, RS14, SB02, TCB03].
Pose-Aware [TCB03]. Poses [WC11].
Pposing [KDMH17, WC11, WTR11].
Position [BTM17]. Position-Based
[BTM17]. Positioning
Mac97b, MD98a, MD98b, MD98c, MD98d, MD98e, MD98f, Mac98, MD99f, MD99c, MD99d, MD99a, MD99b, MD99c, Mac99b, MD00a, MD00b, MD00c, MD00d, MD00e, MD00a, MD01a, MD01b, MD01c, MD01d, MD01e, Mac01, MD02a, MD02b, MD02c, MD02d, ME02, Mac02, ME03a, ME03b, ME03c, ME03d, ME03e, ME03f, Mac03, ME04, Mac04. Products [MK07a, MK07b, MK07c, Wan10, Zin08a, Zin08b, Zin08c, Zin08d]. Professional [CK85a]. Professors [MD99e]. Profiler [WHSM17]. Profiles [TH84]. Program [LRS09, MD00f, Mei85, Saw83]. Programmable [CJS +19, GWH05, MD00f, WSKY09]. Programming [CJS +19, GWH05, MD00f, WSKY09]. Programs [DJS14, Doo82, HM95]. Progressive [RMG16, Woo15, vDFL +00]. Progression [Fet82]. Project [CK85a, CDLS19, RBMS17, ARL +10, Ano98h, JMOG99, Pit93, SFT +07, TSF +98]. Projected [WS90a, WFR +00]. Projecting [Bal98a]. Projection [EBBS00, Gre86b, HJS00]. Projection-based [HJS00]. Propositions [YCB05]. Projective [HBG04, Rie81]. Projector [BVRF05, MD99f, MD99d, MSWT14]. Projector-Based [MSWT14]. Projectors [MD00f]. Projects [Ber99, BKP01, BSHB01, Bry97, CWZ99, CMBZ00, CM0 +99, CKP96, DB96, Del00c, DSP +14, Doo97, EBT98, EBB00, FLMZ97, FWSN86, FFA +97, FPW +00, GMNF97, Goe96, GRW99, HILW98, JW01, JLC98, KKV +02, KKM96, LMPW01, LD97, LRS09, MR98, MD99d, MRBW12, RSS +09, RBW05, RWF02, RDO +96, Ros97, RDTT97, Rout9, SSS97, SS01, SK03, She04, SPS99, SS000, SD99, Tac98, WS09a, WS09b, WWG97, ZD98]. Prolog [FWSN86, GWA84, Jon89]. Prompt [WW95]. Properties [LLK84], Property [Who95d]. Proportional [TLT11]. Proportional-Derivative [TLT11]. Proposal [Hai87, Lea96a]. Proposals [Ano14b, Ano14a]. propositional [PJJF96]. Prosodic [BRB17]. Prostate [BSM +15]. Prostheses [GRWN87]. Prosthesis [VCBS97, RKKR87]. Protecting [VP99]. Protection [Lav83]. Protein [AIFQ96]. Proteins [OG91]. Protocols [BM02, KRB11, MSRMH09, TBP01, UVa95, ZP95]. Provenance [XAJK +15]. Provides [Hay96d, Lea97b, MD99d]. Providing [HH95, KKM84]. Prototyping [Bai95, KRB11, MSRMH09, TBP01, UVa95, ZP95]. Public [BHY18, BAE +18, CT09, FZH +13, HdlRL +13, HCV +13, KKG +13, LROW13, RS14, SP99, BB13]. Publication [JPSM13]. Publisher [MD99e]. Publishing [MD99e, DFR87, MD99d]. Puck [Cav97]. Pulsatile [SFL +04]. Pulsing [CM16]. PUMA [PLM +19]. PUMA-V [PLM +19]. Pump [OKET12]. Puppet [Gha12]. Puppetry [Stu98]. Pure [Sin16e]. Purpose [GKB89]. Pursuing [AM90, CS15b]. Pursuit [Got09]. Pushing [Ric15]. Put [CW96]. Putting [Agr18b, Gla02f, Han14, Sim96b]. Puzzles [RSDP01]. Pyramid [LWZ19]. Quadrilateral [AJH +12]. Quad [Cam17]. Quadratic [Bli05a, Bli06d, CW88, GFS6, CW87]. Quadric [Gol83b, Mil88b]. Quadric-Surface [Mil88b]. Quadrics [Gol83a, MG92].
Ray-Traced [AH95]. Ray-Tracing
[FTI86, PB85]. Raycasting [HROI016].
Rays [McK97a]. Re [Sim96c]. Re-creating
[Sim96c]. Reach [Kri05]. Reaching [HS01].
reaction [CR95]. reaction-diffusion
[CR95]. Read [Lar11, Mol18a]. Readability
[HWP+19]. Reading [Har00]. Real
[ACL+12, AGL87, AB14a, BWWM12,
BCP02, BW00, Blu05b, BPP09, Bro99,
BFW99, CSWB01, CdHM97, CT04b,
Coo02a, DYS+07, ERS13, EBG+10, GE97b,
GMTF89, GRW99, GRB+85, Gos90,
GFW+16, GDY+11, HE82, Jai00, JWSG10,
KMTM+98, KVM+05, KMS07, Kri05,
SKUT+10, Lea97b, LKS96, LMA+17, ML05,
MD99f, MD99d, MYP+09, MHC98, Mii12,
MMR+06, MYK+08, NTH02, NL01, OSK02,
PWH04, PFS03, Rao97, RTF+05, SKR18,
SSB06, Tan98, TYK01, UCK+04, Wee02,
Fan86, MF89]. Real-Time
[ACL+12, BFW99, CSWB01, CdHM97,
CT04b, DYS+07, ERS13, EBG+10,
GMTF89, GRW99, GRB+85, GFW+16,
GDY+11, HE82, JWSG10, KMTM+98,
KVM+05, KMS07, Kri05, SKUT+10,
LMA+17, MD99f, MYP+09, MHC98, Mii12,
MMR+06, MYK+08, NTH02, OSK02, PFS03,
SSB06, Wee02, SKR18, Tan98, Fan86, MF89].
Real-World
[BWWM12, RTF+05, UCK+04]. Realism
[Abo00a, Ama87, Klu09, SKMY09, YMK+12].
Realistic [Ch11, CT04a, CGIB86, HG83,
IKSZ03, JWSG10, JF99, KMTM+98, LY002,
MTTF85, SKMY09, SBS10, Str90, TLCC17,
TR93, Web08, Wil87b, YMK+12]. Realities
[Enc15b, Sin12a, SR10, Sim94c]. Reality
[AWB+97, Ano98g, Ano16b, AR99, AB14b,
ABB+01, BN95, BKV+10, BK01, BPP14,
Bre84, Bro99, BV97, BK06, CLP+14,
CZP+10, CNL00, DFP+11, DBS96, DJM13,
DAS+19, DPG18, EGR94, EBS00, FLM97,
FSL98, Got09, GDY+11, HROI16,
HIL98, HSHS05, IHL18, Jai00, JAM+05,
JBB02, KN07, KKV+02, KBHT06,
KLL +15, LO94, Lea97b, LD97, LLG +07, LOB08, Liv05, LCR +14, ML05, MRL13, MZP +95, Mac09, MD99e, MD99d, MSWT14, MKKJ96, Nav04, NTS +07, NdSM +16, NCQ +11, PCZ +09, PPKM15, Per16, Pie06, PBSB08, PXCO2, RFK +13, RBW05, RBBS06, RLC +02, RMR +19, Rok96, RBF95, Ros00a, SPT +15, SSW +07, SGE +18, SWT10, Shin03, SPS99, Smi87, SD99, Sto99, SK05, TYSK97, UVa95, VIK +02, WS09a, WS09b, WW95, YNA99, BaI98c, Hag91a, Kah94, Kru95, MT94, Pap96, RBOV94. 


Representations [HB16, HW18, KSY85, MKFN87, Men94, MMZ94, SCB+97, KSD04, Max83, RC15, SR95, Til83a, XZZL19, Bar83, CR91, GD93, Mak87].

Representing [Bar93, CCV85, CK85b, FB89, GZS88, Lee08, Pie87b, Sto05, WW07, ZTT99]. Reproduction [MD99e, RGW05, SPA+16a, TR93]. Reprojection [AH95]. Repulsive [HF18]. Repurpose [Sin14e]. Requirements [BHK91, GVA86]. Requires [SR13]. Research [Ano14b, BMC04, CK85a, CPAM08, CMZ01, CPA+17, Del00c, DFN13, Ear98, ENDAD13, EF8+94, Enc15c, HF07, HPvW94, IHI+13, Joe13, Joh04, JLMV06, KH+94, Kee10, Kub84, K954, Lar11, Lea96a, LIS+19, MFL08, MN97, MD18, Mol18b, MML+15, MJM+06, MM14, NBB+94, NPB+18, Rao97, RV83, Ric15, RET+94, Ros94, RN94, Sin96c, Sim97, TLCC17, TBP01, WLC+12, WSK+00, Will86, XAJK+15, ZNMT15, vD05, An014a].

Researchers [Hay96c]. Resections [DPL+11]. Reshaping [ZJH+18]. Resident [Sin19c]. residues [MV93]. Resistant [AXP07]. Resists [MD99e]. Resolution [CC+07, CXPG9, FJP02, GJM18, JAPF07, KKV+02, MQR99, SFF+00, SW85, SO95, Sin95b]. Respectable [WF02].


Rooke
Security
[Ano16-39, Ano17-27]. See
[DBDH05, Gla99e, LSB18, Sim95e, WPO96].

Seeds
[Sim16f]. See
[HH08, Kro04, SH06, SP06, ZK10].

Segmentation
[KTD10, LFT19, YNH04].

Segmenting
[Sen99].

Seismic
[WL88, Sim95b].

Selected
[AMS91, Pea88].

Selecting
[BH81].

Selection
[AA09, DCCE19, SVT10, Wor96a].

Selective
[Ano92i, Ano92j].

Selectively
[AYS98].

Self-Assembly
[RA06].

Self-Evaluation
[USW17].

Self-Motivated
[Dom12].

Self-Occluding
[CS07].

Self-Organizing
[LC16].

Self-Similar
[CR94].

Semantics
[CRB02, Spa16b].

Semester
[Dom12].

Semiconductor
[BEG92].

Sensation
[LO05].

Sensation-Preserving
[LO5].

Sense
[Ozt15].

Sensing
[PBVH15, SWD98].

Sensor
[KVM95, KB14].

Sensors
[DL15, Fox05, Mil12].

Separated
[IK15].

Sequence
[DD19, PP95].

Sequence-to-Sequence
[DD19].

Sequences
[MKKJ96, OSRW97, QNT02, RO86, Rod14, War88].

Sequencing
[Pot96].

Series
[XHC+17].

Shadows
[BB84, MTC07].

Shanshui
[Shi17].

Shape
[Bli06a, Bre97, CAP95, CP99, CRC91].

Shapes
[Cho95, CMPA18, FB81, Jac15, MGO16, Sar90, SPW84, GJ93, Her86, KS94, Pie87c, SRS91].

Shape-Based
[HZB92].

Shape-Preserving
[DMR83, FM99, McL83].

Shaping
[Cha98a, YSWW08].

Sharpening
[SP15].

Shape-Based
[BB84, MTC07].

Showcase
[BFSE01].

Showing
[Sim01c].

Shrinking
[Kas13].

Sick
[Pot98].

Sides
[Hag90c].

Sidney
[Ano17-31].
SIGGRAPH [Ano16, Bli87, Kas12a, Bli95d, BG96, Hay96a, SP04b].

SIGGRAPH2015 [Ano15-37, Ano15-38].

Sights [MFG+17], sign [Ker91]. Signals [KB09]. Signature [HEW17]. Signatures [WFL+00].

SIGGRAPH [Ano10c, Bli95d, BG96, Hay96a, SP04b].

Situ [Bli95d, BG96, Hay95b, Silver [WF02]].

Similar [CR94]. Similarity [FMMS03, MWY].

Similarity [Gla97d, Gla97e]. Situational [FGW00, RDDT97].

Six [WJ88]. Six-Dimensional [WJ88]. Size [Sto12]. Skateboard [GFW+16]. Skeleton [SR95]. Sketch

[ERH+11, FH91, IZ07, KS07, LFT91, NF11, SS17, SD07, TWB+07, ZLMY19, SC12].

Sketch-Based [ERH+11, FH91, IZ07, KS07, SS17, TWB+07]. Sketch-n-Stroke [SC12].

Sketches [LBW+17, OSJ11]. Sketching [CS07, CW90, LMZ11, SC12].


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SmartTouch [KKT04]. Smells [MFG+17].

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[Zhu19]. Synthesized [MF89, ZWWS19].
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[Sin06a]. Univariate [RO86, War88]. Universe [Mun99, GF94]. University
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[Bli92a, Bli92b]. uPy
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[FZH+13]. UV
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[GCS+12, JWHW12, RBK+13, WYM10].

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Bry97, Kro95, Pap96, PFH95, RBOV94, Bry97, Sto99, SBJ+01. Virtual-Reality [DPG18]. Virtual-Wear [CLP+15]. VirtualDesk [FFN19]. Virtuality [BKP01]. Virtualized [KN07], Virtually [Cha97b, Hor84, WS90a]. Visual [LPLN04]. Visual-Based [KVMD99]. Virtual-Reality [LPLN04]. Visual-Computing [SZP+00]. Visual-Interactive [BSM+15]. Visual-Perception-Guided [XZWH14]. Visual/Haptic [LPLN04]. Visualization [Abo99b, Agr09, ARM+01, AS10, AHP+10, AWM10, ACL+12, ABB+93, Ano87, Ano92k, Ano92i, Ano93v, AHDG00, Bai01, Bai09, Bai13, BBF+98, BRM10, BS16, DFQ12, BFH02, Bet00, BvRS+11, BHA+13, BMR90, BAE+18, BWG18, BEAC+18, CCG+04, CS15a, Cam16, CCE+14, CR95, CZGR09, CSWB01, CJS+19, Che05, CEH+09, CH10, CGJ+17, CRA+18, hCRBK98, CPA+10, CLms15, CG94, CNC+05, CAG+06, CMB94, Cro96, CKJC+12, CM11, CCM15, CM16, CWL+10, Del00b, DSK+14, Dev99b, DPL+11, DMAS17, DF+02, Dom00, Dom12, DPG18, Dwy16, Dye90, Eic96b, Enc11, ECS+15, Enc16b, Enc17a, FNG00, FD+12, FM86, FMM03, FT00b, FT16, FLSG98, Fyo97, Gai04, Gai17, Ger91, GB96a, GE97a, GE97b, Ger98, Gie92, GB16, GGS+18, GFW+16, HM95, Hay96b, Hee99, Hei03, HMHM18]. Visualization [HO91, HD01, HT04, HJF06, HSAD98, HLW13, HLB+07, Int00, IBH+09, IHH+13, ITSK06, IK15, JBH+10, JLI+10, JOG+17, Joh04, JLMV06, KTD10, KDH+95a, KC05, KM00, KN93, Kee10, KK94, KQMO13, KHP+11, Ker13, KS08, KM13, Koh93, KNRD12, KDHL08, Kos16, KNK99, KGM95, KGR+18, KF94, KH14, KÇ+01, KHE98, La01, LFV+97, Lar10, Lar11, LTJ18, LPLN04, LTH+16, LCG+02, LTS+13, LIS+19, LMNC17, LZF+14, LWZ+18, Lin99, LQ18, LRR09, LCC+96, LY92, MP99, Ma00, Ma01, Ma06, Ma07, MFL08, Ma09, ML+12, MJM93, MD99f, MD99r, MD99t, Mac00b, MAB05, MLJ19, Mat96, MVW05, MW93, MA98, MQR99, MD18, MG04, Mi12, MKJ96, MML+15, Mor16, MSU+16, MKL97, MED+93, MRB12, Mum02, MJM+06, NPH+09, Nap05, NE93, NK94,
Nor06, NR03, OKM84, OKET12, ODE+13, Pac10, PW07, PP98, PLM+19].

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EBBS00, FKC+05, FLMZ97, FFA+97, FPW+00, GMN97, Goe96, GHR01, GRW99, HAB+01, HILW98, IS95, Jer18a, JW01, JXW+08, JLC98, JMOG99, JMC+02, KIQ+06, KKVI05, KKV+02, KKM96, LaV08, LMPW01, LFK+06, LFV+97, Lea97d, LGM13, Lec17, LD97, LRS09, LK08, MR98, MDF06, MFG+17, MTN18, MJC08, MYK+08, PNS03, PBS08, PBVH15, RSS+09, RWF02, RSDP01, RRV+15, RSZ96, RDO+96, Ros97, RDDT97, RBT98, Rout09, SS97, SS01, SKJ+13, SK03, Sim95d, Sim95e, Sim96a, SPS99, SSS00, SD99, SSRH95, Tac98, UVA95, VK17, VFLJ02, WS09a, WS09b, WSW08, WWG97, ZPA95, ZD98, vDFL00.


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Workflow-Driven [NTS+07]. Workflows
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Hag90b, IS95, ML05, NL01, Pen10, PRT+98,
Rao97, RTF+05, Sin02e, Sin14c, TH01,
UCK+04, ZED+09, DOYG04, vOW15,
Ano97i, Ano17b, Bli88a, Bli90c, Mas18,
Ger96, Sim95a, Whi96d]. Worlds [Abo00b,
BGD+99, Coo02a, JW01, Lea96a, Mac09,
Nad99, SK13, Sch08a, Swe01, TYK01].
Worldview [Kal87]. Worldwide [Sin02e].
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MLJ19, Tau12d]. Years [KGR+18, Mye85,
NPB+18, ODE+13, PW14]. York [Blo86].
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