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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/  
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**Title word cross-reference**


- **Angle** [BDD+12]. - **Approximation** [LWZ12]. - **Block** [San09]. - **Center** [WZ16, BKN+11]. - **Centerpoints** [MRM15]. - **Centroid** [YLL18]. - **Clustering** [KK10]. - **Colorability** [AAH+15]. - **Colored** [BS16, BS17]. - **Complexes** [ÖWW00]. - **Connected** [CK97b]. - **Continuous** [HREK07]. - **Convex** [BS00]. - **D** [CM11]. - **Dimensional**
Abstract [BK14, BKL17, MMR01]. Acyclic [DGL+00, Fra08]. Adaptive [BD05, CL17, EW00]. Advancing [HS02]. Advantages [AAH+11]. Aggregate [Wan15]. Aggregate-MAX [Wan15]. Aggregated [GIS09]. Algebraic [CCD06, MS07a, SV01]. Algorithm [AL11, AKM+17, ADS00, ACDL02, AFN11, ACM01, BGK+09, BL03, BM02, BCS07, Che10, CER97, DN97, EFKP13, HH12, KY14, LSS02, LWZ12, MNNM07, MS07a, NY98, OGB11, Sha01, SI94, TV01, TH99, TMPD97, TW06, WTX02, WDBB09, dF18, CL93, TMPD05]. Algorithms [Als97, AS01, ACKT01, BD05, BG05, BLL08, CY17, CD03, CHL+04, CSX05, CFM+01, DDCN13, Dey97, EFS09, ECHS11, FG04, For95, JH04a, LSS98, Maf14, MS10, MTT99, MPW05, MS14, RW11, SV15, STU07, WCMS04, Wu09, ZP01, Dev92]. Aligned [BKN+11]. Almost [AACT17, DR02, KK10, WLW01]. Alternating [KKY00]. Amidst [BL03, CCK+06]. Among [CW12b, LYW97]. Analyses [STU07]. Analysis [BDIZ03, CWW08, Cho99, FOG00, SOR06]. Anchored [DBGV06, FSS+07]. Angle [BDD+12, DE12, Mit97]. Angles [CDRR05, FMHT14]. Angularity [DMOW98]. Anisotropic [SY00]. Anisotropy [ACFV10]. Annulus [Cha02, DBHM+03]. Any [CM10, VO98]. Application [CEK+07, DG99, Epp97, MHW00, NS09, TW06, KNA94]. Applications [Ata99, BS12, BCHS07, CHW02, CLX03, CHW+08, Cho99, DBGV06, DK06, FIS08, IM12, KTT02, NN09, PL01, SPPK08, WCMS04, Wu09]. Approach [BMT00, CM003, CMMK03, KT03, MC91, MS06, MH00, PL04, Pet98, SM06]. Approaches [CHL+06]. Approximate [AMV13, Ber05, BDH+04, CJVW12, CSY97, GSZ11, KS11, MS07a, MS10, MST13]. Approximating [AS18, BYM+18, Cha02, CD03, NN09, VO98, Zhu04a]. Approximation [AFN11, ACM01, BXHN03, BGK+09, BG05, BCS07, BK17, DDCN13, DK08, EFS09, GRS08, HH08, LWZ12, LR00, MNP+00, MHS07, WTX02, WCMS04, ZP01]. Approximations [dFdS+17]. Arbitrarily [MR03]. Arbitrary [AM07]. Arches [GBRT13]. Area [BDJ10, BHL03, BHL10, CDG+09, Fra08, GR09, HH08, LWZ12, LR00, MNP+00, MHS07, WTX02, WCMS04, ZP01]. Area-Efficient [GR03a]. Areas [AACKM11, KSN99]. Arithmetic [Gav09b, JS09, dF18]. Arithmetic-Degree [dF18]. Arm [Kan97b]. Arrangement [BEW03, MS07a]. Arrangements [ACGK17, GHH+98, GM98, HL04, KY14, LHHHP03, SSI11, dBHOvK97]. Art [CJK+06, KM11, WK07]. Assembly [GM99, GHH+98, JMM98]. Assessment [San09]. Assignment [Mit00].
Asteroidality [CWW02].
Asteroidality/Tubularity [CWW02].
Asymptotically [RS11].
Attributes [BDI03].
Author [Ano97, Ano98, Ano99, Ano00, Ano01, Ano02, Ano03, Ano04, Ano05, Ano06, Ano07, Ano08, Ano09, Ano10, Ano11, Ano12, Ano13a, Ano14, Ano15, Ano16, Ano17, Ano18].
Automatic [BBCS99, KT03].
Aware [EFKM08].
Axis [CDKW05, EMM98, GRS08, MGD15, Seg99, SFM07, WIEH05, Zhu97].
Axis-Parallel [CDKW05, MGD15, Seg99, Zhu97].
Balanced [AGLN03, KK05, KU10].
Ball [CLRW10, FG04].
Ball-Map [CLRW10].
Balls [BG11a, FG04, NN09].
Bands [HH08].
Based [ADM11, AL01, ACKT01, BBR09, Ber00, CSX05, CGJS11, DGRS08, EFKP13, GLL99, HH08, HH12, KS05, MF06, Moh00, Sch00, Tou05].
Beltrami [Xu06].
Bends [ECHS11, EC15].
Benefit [FOG00].
Best [BDE02].
Between [AS08b, BHP01, Ber05, Bes02, CLR07, CLRW10, Tan02, Wan09, CT97].
Beyond [AMV13].
Bézier [Rab05, ZWG06].
Bicubic [HH98].
Bichromatic [CGG12].
Bilateral [MG98].
Binary [DK12].
Bipartitions [DK99].
Bisecting [BKL17].
Bisector [EHP18].
Bisectors [FR98].
Bites [DG98].
Bitmap [KC97].
Black [BD05].
Black-Box [BD05].
Block [CHW+08, San99].
Blue [AC01, BK18, HS05].
Boat [NS09].
Boat-Sail [NS09].
Bodies [Sit06].
BOOLE [KMG+01].
Boolean [KMG+01].
Bottleneck [CARB15].
Bound [Ata99, BS05, BHH00, DHT15, KS02, KPS13].
Boundaries [DMMH11].
Boundary [AAH+11, DG99, KU10, KMG+01, NZ06, STYK01].
Boundary-Optimal [NZ06].
Bounded [BL03, BSX09, CL13, DK08, FOX08, GOG11, LW04, RSS+05].
Bounded-Velocity [DK08].
Boundedness [BM12].
Bounds [Afs13, AHM+06, BK17, CMO03, CER97, DG16, LOS01].
Box [BD05, FM99, ZE02].
Boxes [AK99, SU13, Zhu97].
Branching [HSK98].
Bregman [AMV13].
Brep [Van91, MG98].
Brep-index [Van91].
Bridge [BG05, Tan02].
BSP [SPP08].
BSPs [DMS10].
Buffer [DG01].
Buildings [EHP18].
Butterfly [KS99].
CAD [BBCS99].
Calculations [BBR09].
Cameras [KM11].
Cartesian [LSB04, SOR06].
Cartograms [DMS10].
Cascading [BFS01].
Case [DKS05, TV01].
Catalog [ADM11].
Catalog-Based [ADM11].
Cell [ACGK17, HREK07].
Cells [GHH+98].
Cellular [LSB04].
Center [BHL03, BK+11, GKS99, WZ16, WZ18].
Centerpoints [MRM15].
Centers [AKKS14].
Central [ADS00].
Centroid [ESS11, YLL18].
Chains [BBB+10, DLMS13].
Characteristics [GW04].
Chessboard [SPPK08].
Chief [Lee03].
Chimneys [CPPK12].
Chief [Lee03].
Chimneys [CDD+12].
Choices [PW01].
Circle [BFMFP+14, BE00, Epp97, KKS05, WTX02].
Circles [AS01, BCD+00, HL04, KKS05, SW01].
Circular [AAH+11, DH13].
City [BKC09, GSW08].
Class [RS11].
Classes [BV05].
Classification [AGM+12].
Close [SY00].
Closed [BKL17, HREK07, SYY16].
Closest [Bes03].
Cloud [MNG04].
Clouds [ULVH10].
Clustering [BV11, BBG+11, CSX05, KK10, MMNM07, WCMS04].
Clusters [Guh05].
Collections [Sit06].
Collision [GR03b, KSS02].
Color [DGN09].
Color-Spanning [DGN09].
Colorability [AAH+15].
Colored [BS16, BS17, DP02].
Coloring [FK18, dBLM+19].
Colorings [AS08a].
Coloured [BHH10].
Column [AO98, DO00, MO01, OR97a, OR97b, OR97c, OR98, OR99b, OR99a, OR00a, OR00b, OR00c, OR01, OR02, OR03]
Combinations [KMG+09]. Combinatorial [AHO+14, CR01, CER97, DFL+18, FG04, MS06, SZP10]. Common [Rab05, SU13, Wan09, YCCV17].


Completion [ZG06]. Complex [DGRS08, ELPZ07, GRS08]. Complexes [ALS12, CC06, EW00, Maf14, OW00]. Complexity [BBR09, GR10, GM99, GMV99].

Computable [CCK06]. Computation [BFS01, EMM98, FR98, GC97, Hiy08, LS08, Lfll11, vKL518]. Computational [AO98, AHH+11, DO00, JS09, MO01, OR07a, OR07b, OR07c, OR08b, OR09a, OR00b, OR00c, OR01, OR02, OR03, OR04a, OR04b, OR06, OR07, Pet98]. Computing [AKS+12, AKKS14, AH11, ABD+11, AS08b, AL01, AEK05, BSZ99, BSC00, DG13, Bes03, BMT99, BCD+00, BL03, BMSS11, BHLMO3, CK97a, DMOW98, DR02, Emini98, FSS+97, Gav09b, GKK+10, GKS99, KG14, Kir07, KS99, KZ14, MB02, MR03, TV01, WLW01, WZ18, WNGK+12, dF18].


Configuration [HLM99]. Configurations [BK07]. Conflict [AS08a, FK18, dBLM+19]. Conflict-Free [AS08a, FK18, dBLM+19].


Connected [AACKM11, BS05, BS00, CHW02, DFLON12, EC15, KPS13]. Coverage [AMP10, ACS18, LWZ17]. Covered [GHH+98]. Covering [ACFV10, Co04, Jia15, Kei97, KBA11, LWZ12, Mit97, Por09].

Creation [ESG98]. Criteria [AAMT15]. Critical [DGRS08]. Cross [EW00].

Cross-Sections [EW00]. Crossing [CARB15, DE12, KSN99, Pap09, TSN97].

Crossings [KKY00]. CSG [MG98]. Cubes [ABD+18]. Culling [DP03]. Curvature [BL03, CGJS11, GBRT13, Maf14].
Curvature-Based [CGJS11].
Curvature-Constrained [GBRT13].
Curve [BD05, CGJS11, FR98, HL97, HV91, Sch16].
Curve/Curve [FR98].
Curved [AS08b, Sha01].
Curves [FR98].
Curvilinear [APS00].
Cutting [DL06, DH13].
Cycles [AFK+10, Dey97, DL07, KKY00, WNGK+12].
Cylinder [Cha02, FSS+97].
Cylindrical [Ber04, Zhu04a].
Cylindricity [DP03].
D [BBCS99, DEG+03, ADM11, BS16, CM11, EMM98, ELPA07, FM99, For95, GLS10, HSS05, RW11, RR00, TW06, Zhu04a].
Dams [SV10].
Data [ACC+12, AKKS14, ALS12, BYM+18, CSX05, CW12a, EGS08, FJS09, JS09, MTT99, MNG04, Tou05, WCMS04].
Database [Bar98, JMM98].
Data [SPP08].
DBSCAN [dBGR19].
DCEL [Bar98].
Deceiving [San09].
Decision [AMM+98].
Decompose [TW06].
Decomposition [CR01, FM01, HL98, JTNM06, KS02, SM06, WK07, WDBB09, ZG06, FM97].
Decompositions [Sha97a, Sha97b].
Deficiency [Sha01].
Definition [vKLSW18].
Deformation [CC06].
Deforming [Ber04].
Degree [AHO+14, BSX09, HLW13, LW04, Rab05, dF18].
Delaunay [ABG+09, ACH+12, BDG13, BDG14, BSX09, BDDT17, Dev02, DEG+03, DN18, For95, GOG11, LS08, MPW05, Muc98, MMG01, RW11, STU07].
Deletion [AFK+10, Dev02].
Density [CSX05].
Density-Based [CSX05].
Departure [San09].
Dependent [MJ12].
Depth [DFL+18, KMW00].
Depth-First [KMW00].
Derived [GJS03].
Descending [AL11].
Design [AAMT15, PW01, SOR06].
Destroying [SV10].
Detect [Dey97].
Detecting [BBG+11].
Detection [CWW08, GR03b, KS02, Wu09].
Determinant [CKMK03].
Determination [LM97].
Determine [VB05].
Determined [BK07].
Determining [Che98, Gav09a].
Detour [WNGK+12].
Developments [SU13].
Diagram [BK09, BS12, BDB+10, DG98, DBG06, ETT08, Gav09b, GSW08, HD07, KS05, KKS05, NS09, PL01, PL04, PD13, PX15, SPPK08, SV16].
Diagrams [AAC+99, AGMR98, BC06, BK14, BKL17, GJS03, MMM01, Sug92, SH94, V098].
Diameter [Cha02, MB02, Poo09, Jan93].
Diameter-4 [Poo09].
Diameters [Als97].
Diamond [BSX09].
Diamonds [BDE02].
Differential [CP05].
difficult [Dev92].
Digital [BBCS99].
Dilation [AFK+10, CL13, DG16, EBGK+07, GKK+10].
Dilation-Bounded [CL13].
Dilation-Optimal [AFK+10].
Dimension [CWW08, CVY11, VO98].
Dimensional [AB09, AS18, AK99, BSC00, BK02, CD03, Emi98, Gav09b, JJ06, Kir07, Muc98, dBGR19].
Dimensions [AM07, ALS12, BBCK05, DB92, EEM11, HDY07, IMT02].
Directed [DGL+00, Fra08].
Direction [JJ10, Ngu12].
Direction-Length [JJ10, Ngu12].
Directional [CvO01, FOX08].
Directions [BNS10, VR04].
Disc [CCK+06].
Disconnected [BK14].
Discrete [AKS+12, BDIZ03, BBB+10, DFLON12, DDCN13, EFS09, WK10, WCLS07, Wu09, Xu06].
Discs [AS08a, CWK98].
Disjoint [KBA11].
Disk [BD10, DG13, BHLL10, DFLON12, KS13, dFdSD17].
Disk-Shaped [DG13].
Disks [AFN11, BD08, BV11, CDG+09, DJ+15, DDCN13].
Dispersion [BGK+09].
Dissections [Zak10].
Distance [AKS+12, AS08b, BHP01, BBB+10, BKST00, BK17, DGR08, KS11, Maf14, MJ12, Yn06, YLL18].
Distances [BK07, Cha01].
Distant [AEK05].
Distributed [LSS98].
Distribution [BK07].
Distributions [MTT99]. Divide [PL04].
Division [HL98]. Dog [DG98]. Domain [MS99]. Dominance [GJS09].
Dominating [CDJ+15]. Doo [WQS05].
Door [KZ10, LPC00]. Double [BFMFP+14, GKS99]. Double-Ray [GKS99].
Doubly [DMMH11]. Drawing [BMT00, BGT99, DE12, DGL+00].
Drawings [CK97b, Fra08, GR03a, HLW13, MHN06, NPR17, Sud04].
Duality [ABR14]. Dynamic [BG14, Cha12, DBGV06, EGS08, LM97].
Dynamically [GM98]. Dynamization [CT92].
Easy [DR02]. Eccentricity [DK06]. Edge [AFK+10, AGL09, BHL011, CARB15, Che98, GHN+03, HS02, SM00, Tan99].
Edge-Crossing [CARB15]. Edges [AT18].
Editor [CL09, DBKU14, Aga99, Asa09, Bar05, Bar13, Ef08, Fle06, For97, Her01, Hon18, Kim09, KS07, Let03, Mit04, Rok09, Sug03, Tam03, Ten00, Tok02, Tok19, Zha07, Zhu04b, dBS02].
Editors’ [CU05, AV14, AF98, AC08, AMS97, ANO13b, CHL13, CO12, GM06, Gav05, HN11, HV12, KS16, LM98, MR05, SK08, dBD17].
Efficiency [FOG00]. Efficient [ACKT01, AM07, ALS12, CD03, Dey97, GR03a, GJS09, KNA94, KC97, LW04, LM97, LR00, VB05, WCMS04, Wu09, WDBB09, ZP01].
Element [MHW00]. Elements [DNW+09].
Eliminating [HV91]. Ellipsoids [ETT08].
Efficiency [FOG00]. Efficient [ACKT01, AM07, ALS12, CD03, Dey97, GR03a, GJS09, KNA94, KC97, LW04, LM97, LR00, VB05, WCMS04, Wu09, WDBB09, ZP01].
Element [MHW00]. Elements [DNW+09].
Eliminating [HV91]. Ellipsoids [ETT08].
Ellipsoids [SY10]. Embeddability [BV13, DDL+10]. Embedded [ADF13, CP05]. Embedding [ADF13, BFMFP+14, DL07, EBGK+07].
Embeddings [KMK05]. Empty [DBHM+03, FSS+97, KS13, MR03].
Enclosed [MGD15]. Enclosing [BMSS11, Cha02, FG04, MNP+00, NN09].
Enclosure [BMSN19, GJS097]. Energy [EFKM08]. Energy-Aware [EFKM08].
Engineering [FPNZ98, TV01]. Entities [vKLSW18]. Enumerating [Cha01, CR01, IMT02]. Enumeration [KNA94]. Envelopes [CNTV10].
Environment [ABC+15, Bar98, CL93]. Environments [DEH+05, LM97].
Equilateral [ADD+13]. Equitable [BK18]. Equivalence [APS00]. Equivalent [OWW00]. Errata [EC15, Sha97a]. Error [BYM+18, CMO03, KL10a]. Error-Prone [KL10a]. Estimating [CFL15, MNO4, RW11]. Estimation [MN+00]. Euclidean [BC06, CSY97, DN97, DK08, EFS09, ET08, Gav09b, KKS05, dBRG19]. Evaluation [FPNZ98, KMS+01, WQS05]. Evaluations [DP03]. Evasion [ABC+15, GLL+99]. Even [BDH+04]. Every [DE12]. Exact [AL11, AS01, BG05, BFO1, DD00, ET08, RR00]. Existence [Léf11]. Expansive [HLM99].
Expected [ELPZ07]. Experimental [DGL+00, LHHHP03]. Explicit [Gav09b].
Extraneous [HV91]. Extreme [Guh05].
Face [AHO+14, BHL011, DMMH11]. Faces [Res14]. Facets [CR01].
Facility [BMKS00, BKST00, DK06]. Factor [WXT02, WNGK+12]. Factor- [WXT02].
Families [Fra08]. Far [AAMT15].
Far-Field [AAMT15]. Faraway [LS08].
Farthest [BD05, PD13]. Fast [DN97, DW02, FS08, HH12, MMN07, Nek13, TW06, ZE02]. Faster [Epp97, GSW08, dBRG19]. Feature [CCD06, JH04b, RW11]. Features [GIPR12, MM98]. Fidelity [Mit00]. Field [AAMT15]. Finding [ADS00, AM07, BD05, BDGW10, BG05, CWK98, CM10, EEM11, FKN11, FMR05, KZ10, KS13, LYW97].
llc11, mit97, tan02, yccv17]. Finite [cfl15, mhw00]. Finite-Element [mhw00]. First [kmw00]. Fitting [aa06, cw12a, da 11, ulvh10]. Fixed [bbl08, cvy11]. Flashlight [ls02]. Flats [chu14, da 11]. Flexible [sch16]. Flipping [ghn03]. Flips [aho14]. Floating [gav09b, js09]. Floating-Point [gav09b, js09]. Flooding [nz06, sv10]. Floodlight [bgl97]. Floodlights [aeecs98, bdbe14]. Flow [dgrs08, gjs03, gss08, mh00]. Flow-Complex-Based [dgrs08]. Folding [add13, abd18, bdg13, fox08].

Footprints [ehp18]. Forests [kk05]. Foreword [aga99, av14, afr98, ac08, ams97, as09, ano13b, bar05, bar13, chl13, cl09, co12, cu05, dbku14, efr08, fle06, for97, gm06, gav05, her01, hn11, hon18, hv12, kim09, ksl6, ksl7, lm98, mr05, mit04, roko9, sug03, sk08, tam03, ten00, tok02, tok10, tok19, zha07, zhu04b, dbs02, dbde17]. Form [aps00, cm11, hrek07, mg98]. Formed [sha99, sit06]. Four [aho14]. FPT [echs11, ec15]. FPT-Algorithms [echs11]. FPTAS [kir07]. Frames [ms03]. Frameworks [jj10, ngu12, op10]. Fréchet [aks12, bbb10, bk17, sch16, sylv16]. Free [accs04, as08a, cm11, fk18, hrek07, mg98, dblm19]. Free-Form [cm11, hrek07, mg98]. Friend [bde02]. Fully [dlb19]. Fully-Dynamic [dlb19]. Function [cw12a, jh06]. Functions [bkst00]. Furthest [mmr01].

Gabriel [kg14]. Galleries [ckj06, km11]. Gallery [wk07]. General [bchs07, emi98, fkn17, imti02]. Generalization [zer12]. Generalized [chl12, los01, wkgo10, wen02]. Generalizing [bv05]. Generation [mt99, sch00, tw00]. Generic [jj10, ngu12]. Geodesic [ahk14, bvl11]. Geodesic-Preserving [ahk14]. Geoevolution [pw01]. Geometric [aps00, amm98, ahr96, agr16, bgk99, bfr01, cll09, cs06, cdk01, ch10, csx05, chl06, che10, cfm10, fox08, gkk10, gw04, gh05, gjs09, gip12, jtn06, kl10b, ttk02, lss98, mst13, mtt99, mj12, pet98, sor06, sha97a, sha97b, szp10, tv01, ton05, tw06, ulvh10, vb05, xzyk10, zg06, dfd17]. Geometrical [sm06]. Geometry [ao98, cp05, do00, esg98, goc98, js09, mo01, or97a, or97b, or97c, or98, or99b, or99a, or00a, or00b, or00c, or01, or02, or03, or04a, or04b, or06, or07, wcls07, wu09]. Geosheet [ls02]. Ghost [ccd12]. Global [jj10, ma14, ngu12, yan06]. Good [db92, vr04]. GPDOF [tw06]. Graph [acc12, abg99, bmt00, bg99, de12, npr17, oww00, ro16]. Graphics [hmm14]. Graphs [add13, abg99, adf13, abr14, bd10, bv13, bew03, bs00, ck97b, dgl10, dl07, egbk10, ehp18, fm99, fk18, fra08, dls10, gkk10, hh12, kl10b, kg14, mhn06, sm00, tv05, df18, dfd17, bdd12, bdd12]. Greedily [npr17]. Greedy [gs11]. Grid [bfmm14, cy17, ck97b, dl10, evkss15, k2954]. Grid-Unfolding [cy17]. Grids [ew00]. Group [sm06]. Groups [vklsw18]. Growing [cm10]. Guarantee [fmr05]. Guaranteed [cmo03]. Guard [brd09, flms18, thl98]. Guarding [bns10, cky99, dkk09, km11]. Guards [amp10, plc02, tan99]. Guest [aga99, av14, afr98, ac08, ams97, as09, ano13b, bar05, chl13, co12, cu05, efr08, fle06, gm06, gav05, her01, hn11, hon18, hv12, kim09, ksl6, ksl7, lm98, mr05, roko9, sug03, sk08, tam03, ten00, tok02, toko9].
Tok19, Zha07, Zhu04b, dBS02, dBDE17. Guided [DNW+09].

Half [Vig12]. Half-Planes [Vig12].

Hamilton [KKY00]. Hamiltonian [Nar99].

Hard [BHP01, BG11a, BZ14, BDH+04, GKK+10, Roy16]. Hardness [KG14, MHS07].

Harm [BMKS00]. Hausdor [AS08b, BHP01, KS11, PL04, PX15].

HDBSCAN [dBGR19]. Heavy [AHP08].

Helly [CPRS18]. Helly-Type [CPRS18].

Hexahedral [Sch00]. Hidden [GMV99]. Hidden-Surface [GMV99]. Hierarchical [AM07]. Hierarchy [Ber04]. High [ALS12, HLW13, Mit00, MH00].

High-Degree [HLW13]. Higher [ABG+09].

Hinged [CVG+07]. Histogram [FM97].

Holes [SM00]. Homeomorphic [ACDL02].

Homeomorphism [CLRW10, ÒWW00]. Homologous [Dey97]. Homology [CFL15]. Homothetic [AK99]. Homotopic [CFJW12]. Homotopy [SFMO7].

Homotopy-Preserving [SFMO7]. Horizons [AEK05]. Hull

[ACC04, CWKC98, KPS13, NY98]. Hulls

[Cha12, Emi98, Pett98, RR00]. Hybrid

[CKMK03]. Hypercube [Ata99].

Hypersphere [BM12].

I/O [Afs13]. Identification [CCD06].

Identifying [BBR09]. if [DR02]. II [JH04b].

Ill [BBR09]. Ill-Posed [BBR09].

Illumination

[AECSU98, DHT15, EFKM08]. Image

[ACKTO1, CWKW02, WCLSO7].

Immobilizing [CVG+07, CSO99].

Implementation

[AM07, Emi98, FS08, MMNM07, Mie98]. Implicit [ES98, HYSC18].

Impossibilities [BHWM11]. Imprecise

[AKS+12, GLS10, Lôf11]. Improved

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[MMNM07]. Isomorphic [KU99].

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[AACT17, CLLP09, GSZ11]. News [VR04].
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[ACC12, MNG04, ULVH10]. Non
[GJS09, Kei97, MTT99, Pap09, SOR06, TSN93, WSQ05]. Non-Cartesian [SOR06].
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[Kei97]. Non-Uniform [MIT99, WSQ05].
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[Epp97]. Nonparametric [DLMS13].
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O [Afs13]. Object [DGN09, GMV99].
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[BMKS00, CW12b]. Obstacle [CT97].
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[AC01, BL03, CCK10, KSN99, LYW97]. Obtaining
[dFsdF17]. Obtuse [FMHT14].
Octilinear [MHS07]. Octree [Sch00].
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[LPC00]. Onion [BS12]. Online
[BBC12, BDIT17, KS10, Jan93]. Onto
[RS07]. Operations [HV91, JJ10].
Operator [Xu16]. Operators [SBBC00].
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[AK10, AKM14, AAF10, BKC09, BD05, BKST00, Bes02, BG05, CHW02, CM10, CT97, DMS10, DK12, DK99, GC97, HDY07, KG14, KK10, NZ06, RR00, RS11, SV01,
Optimal-Ratio [Wu09]. Optimality [IM12]. Optimization [ACKT01, CS06, GR03b, KTT02, LD15].
CDKW05, CDWK01, CLL05, Col04, Da 11, DP03, DGRS08, DK06, EC15, FKNN17, GS03, Jia15, KK05, KU10, KNN+02, KU99, L6f11, MGD15, SJ99, SW01, WZ18, Zhu04a, dBLM+19, KNA94. **Pointsets** [MRM15].

**Poisson** [DN18]. **Poly** [ABD+18].

**Polygons** [AACKM11, AHK+14, BRD09, BHP01, BMT99, BVL11, BHL03, BNS10, CK97a, Che98, CHW02, Cv01, HL98, MGR09, Pap99, SPPK08, VR04, WK07, KNA94].

**Polygonal** [AFK+10, ABC+15, AC01, BBB+10, CD03, CT97, CGJS11, CMO03, DEH+05, DLMS13, EHP18, HH08, LSS02, LPC00, MS99, PL04, SYV16, STYK01].

**Polygons/Trees** [Poo09]. **Polyhedra** [AH11, BHL011, BG11b, Bn02, BV05, CY17, CDDR05, Guh05, Vlg12, Zhu97].

**Polyhedral** [BSC00, Bar98, GH+98, TMD09, DWH06, DL06, DH13, HS02, Ke97, KS02, KS02, LR00, MW00, Nar99, NPR17, Poo09, SS11, Sha01, SM00, Tan99, Tan02, TWC06, THL98, Zak10].

**Polyhedron** [Res14, WLW01]. **Polyline** [AAK+06]. **Polyline** [Ber05, Bes02].

**Polytopes** [KTT02]. **Polynomial** [BGK+09, BL03, KYZ14, SV01].

**Polynomial-Time** [BGK+09, BL03, KYZ14]. **Polyominoes** [ABD+18, AB09].

**Polytopes** [CR01, EFKP13, GH+98]. **Popular** [BDGW10]. **Posed** [BRR09]. **Position** [FKNN17]. **Positions** [DMM02].

**Possibilities** [BHWM11]. **Postman** [DG98]. **Practice** [RS09, TW00, FMR05]. **Precise** [HREK07]. **Precision** [FR98]. **Predicates** [ETT08]. **Preprocessors** [SZP10].

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**Primitive** [Che10]. **Primitives** [MST13].

**Principal** [CWW08]. **Probabilistic** [BDIZ03]. **Problem** [AIs97, AAMT15, BBR09, BGG+09, BV13, BBL08, BGL+97, BS05, BKN+11, BZ14, CAR15, CDJ+15, DFLON12, DDCN13, DBHM+03, DHT15, EFS09, GLL+99, LW12, WKG10, Wn02, WK07, WDBB09, XLYB04, YL18].

**Problems** [AIs13, AHH+06, BMS11, CS06, Cha12, CDK01, CHW02, CHL+04, CHL+06, CFM+01, DG99, DG08, FLMS18, FSS+97, GR10, GJS97, HSS05, JS09, KPS13, KK10, Maf14, MNP+00, MJ12, Poo09, WZ16, WCLS07, Wu09, ZG06, Dev92]. **Product** [LSB04]. **Products** [JMM98].

**Programming** [Bar98, DD00, KNA94]. **Projection** [ACFV10]. **Projections** [AH11, BHL011, EFKP13]. **Prone** [KL10a].

**Properties** [ABG+09, BEW03]. **Property** [CPRS18]. **Protein** [FOX08]. **Provable** [CWW08]. **Provably** [Mit97]. **Proximity** [HLW13, KL06, Tou05, DF18, BDH+12].

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**Pseudo-Triangulations** [AHO+14, AAH+15]. **Pseudomanifolds** [DMMH11]. **Pspace** [BG14].

**Pspace-Complete** [BG14]. **Pursuit** [ABC+15, GLL+99]. **Pursuit-Evasion** [ABC+15, GLL+99]. **Push** [DG13].

**Quadrangular** [MW00]. **Quadratic** [DNW+09, GW04, WJG97]. **Quadrics** [WJG97].

**Quadrilateral** [BE00, MH00, RSS+05]. **Quadtreess** [BET99, EGS08]. **Quality** [BET99, Ber00, CDDR05, MH00]. **Quantile** [MNP+00].

**Querries** [CEK+07, CVY11, CT97, GJS09]. **Query** [CDK01, KS13, MMS97]. **Query-Sensitive** [MMS97].

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[CFM+01]. Range [Afs13, BMSN19, FN05, FPNZ98, KS05, MJ12, Nek13]. Ranges [FN05]. Rank [JJ06]. Ratio [Wu09].
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[BCD+00, CDKW05, CER97, DEH+05]. Separation [CEK+07, Gub+05]. Separator
[FOX08]. Sequences [GM99]. Sequencing
[CHL+04, CHL+06]. Service
[BMK00, BGT99]. Set
[ACK+16, AKM+17, AEM+18, BV13, CDJ+15, CW12a, Col04, DDCN13, DR02, DP03, DMM02, DK06, EvKSS15, Gav09a, DDL+10, GKS99, KBA11, MB02, MGR09, MJ12, Sha99, SJ99, WLW01, DEG+03, Jan03]. Sets
[AGM+12, BHP+01, BDJ+10, BCD+00, BK02, CHU14, CGG+12, DEH+05, DK99, DDE+07, DP02, EBGK+07, ESS11, EGOS08, FMHT14, KK05, KU10, Kir07, Seg99, YCCV17]. Shallow [AS08]. Shape
[CC06, CSU99, MST13]. Shaped [DG13]. Shapes [AAR97, KNN+02]. Sharp [DW02]. Shifting [DFdSdF17]. Shooting
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[DD00, HV91, KK10]. Solution [HYC18]. Solving [Yan06]. Some [AHM+06]. Sorting [Che10]. Source [CL13]. Space
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[ES07, HLM99, Wil15, DBG19]. Spanner
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[BFMF+14, BHM+11, Kan97]. Square-Tiling [BHM+11]. Squares
[MGD15]. Stabbing [CHU14]. Stability
[BDG13, BDG14, DK06, For95]. Stable
[EMM08, Hiy08]. Stabs [KM00]. Stage
[EFKM08]. Star [LWZ12]. Static
[CHL+04, DGBV06, IM12]. Statistical
[MNP+00]. Steiner [AABF10, BZ14, DK06, GC97, KU99, MHS07, Wen02]. Step
[CW12a]. Stereolithography [FM97]. Stoker
[BG11b]. Stone [CEK+07]. Storage
[BM02]. Straight
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