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[WTX02]. *K*
[BKN⁺11, AKKS14, AGM⁺12, CHU14, DHT15, ESS11, FN05, FS08, KK10, MNP⁺00, MRM15, Pap99, Wan15, WZ16, WZ19]. *L* [BRD09]. *L*₁ [WZ19, Wan15]. *L*₂ [Rab05]. *L*_∞ [PX15, PL01]. *R*^{*d*} [MRM15]. *n* [AH19]. *O* [BS00]. *O*(*n* log^{*} *n*) [Dev92]. *O*(*n* log *n*) [ADS00]. *ω* [BDH⁺12]. *Ω*(*n*) [Dev92]. *π*/2 [BDD⁺12]. *r* [LWZ12]. *θ* [BvR19]. *V* [San09].

(1|1) [YLL18]. 1 [DE12, LPC00, Ngu12]. 1.5 [GLS10]. 14 [Res14]. 2 [ADM11, BS16, DEG⁺03, Dey97, EMM98, ELPZ07, For95, ÓWW00, RW11, RR00]. 3 [AAH⁺15, AK99, BHP01, BBCS99, BS16, BS17, CM11, CSY97, CK97b, FM99, HSS05, JJ06, LWZ12, RW11, TW06, Zhu04a]. 30 [O'R97a]. 31 [O'R97b]. 32 [O'R97c]. 33 [O'R98]. 34 [AO98]. 35 [O'R99b]. 36 [O'R99a]. 37 [DO00]. 38 [O'R00a]. 39 [O'R00b]. 4 [BS17]. 40 [O'R00c]. 41 [O'R01]. 42 [MO01]. 43 [O'R02]. 44 [O'R03]. *A* [BXHN03]. *c* [BK17]. *C*¹ [HREK07]. *χ* [BDH⁺12]. *d* [AB09, AK99, BK02, Gav09b]. *δ* [BDH⁺12]. *E* [BDH⁺12]. *ε* [DGRS08]. $\frac{2}{3}$

-Angle [BDD⁺12]. **-Approximation** [LWZ12]. **-Block** [San09]. **-Center** [WZ16, BKN⁺11]. **-Centerpoints** [MRM15]. **-Centroid** [YLL18]. **-Clustering** [KK10]. **-Colorability** [AAH⁺15]. **-Colored** [BS16, BS17]. **-Complexes** [ÓWW00]. **-Connected** [CK97b]. **-Continuous** [HREK07]. **-Convex** [BS00]. **-D** [CM11].

-Dimensional

[AB09, AK99, BK02, Gav09b, JJ06].
-Enclosing [MNP⁺00]. **-Extensions**
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-Level [AGM⁺12]. **-Manifolds** [Dey97].
-Maps [BS17]. **-Means** [FS08, WZ16].
-Median [WZ16]. **-Modem** [DHT15].
-Omino [AH19]. **-Packed** [BK17]. **-Pairs**
 [Pap99]. **-patches** [BXHN03]. **-Piercing**
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-Sampling [DGRS08]. **-Searcher** [LPC00].
-Sets [ESS11]. **-Space** [CSY97]. **-splines**
 [BXHN03]. **-Star** [LWZ12]. **-Visibility**
 [BRD09].

/Max [EHP18].

2-Approximate [GSZ11]. **2-Centres**

[DK08]. **2-Manifolds** [DMMH11].

2-Pseudomanifolds [DMMH11].

3-Coloured [BHLL10].

Abstract [BK14, BKL17, MMR01]. **Acyclic**

[DGL⁺00, Fra08]. **Adaptive**

[BD05, CL17, EW00]. **Advancing** [HS02].

Advantages [AAH⁺11]. **Aggregate**

[Wan15, WZ19]. **Aggregate-MAX** [Wan15].

Aggregated [GJS09]. **Algebraic**

[CCD06, MS07a, SV01]. **Algorithm**

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ACM01, BGK⁺09, BL03, BM02, BCHS07,

Che10, CER97, DN97, EFKP13, HH12,

KYZ14, LSS02, LWZ12, MMNM07, MS07a,

NY98, OGB11, Sha01, SI94, TV01, THI99,

TMPD97, TW06, WTX02, WDBB09, dF18,

CL93, TMPD95]. **Algorithms**

[Als97, AR19, AS01, ACKT01, BD05, BG05,

BBL08, CY17, CD03, CHL⁺04, CSX05,

CFM⁺01, DDCN13, Dey97, EFS09, ECHS11,

FG04, For95, JH04a, LSS98, Maf14, MS10,

MTT99, MPW05, MS14, RW11, SV15,

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Aligned [BKN⁺11]. **Almost**

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[BL03, CCK⁺06]. **Among** [CW12b, LYW97].

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[CDRR05, FMHT14]. **Angularity**

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Anisotropy [ACFV10]. **Annulus**

[Cha02, DBHM⁺03]. **Any** [CM10, VO98].

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MHW00, NS09, TW06, KNA94].

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CHW02, CLX03, CHW⁺08, Cho99,

DBGV06, DK06, FIS08, IM12, KTT02,

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Approach

[BMT00, CMO03, CKMK03, KT03, MC91,

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GSZ11, KS11, MS07a, MS10, MST13].

Approximating [AS18, BYM⁺18, Cha02,

CD03, NN09, VO98, Zhu97, Zhu04a].

Approximation

[AFN11, ACM01, BXHN03, BGK⁺09, BG05,

BCHS07, BK17, DDCN13, DK08, EFS09,

GRS08, HH08, LWZ12, LR00, MNP⁺00,

MHS07, WTX02, WCMS04, ZP01].

Approximations [dFdSdF17]. **Arbitrarily**

[MR03]. **Arbitrary** [AM07]. **Arcs**

[GBRT13]. **Area** [BDJ10, BHLM03,

BHLL10, CDG⁺09, Fra08, GR03a, HL98,

HSKK98, KPS13, MGR09, TWC06].

Area-Efficient [GR03a]. **Areas**

[AACKM11, KSN99]. **Arithmetic**

[Gav09b, JS09, dF18]. **Arithmetic-Degree**

[dF18]. **Arm** [Kan97b]. **Arrangement**

[BEW03, MS07a]. **Arrangements**

[ACGK17, GHH⁺98, GM98, HL04, KYZ14,

LHHHP03, SS11, dBHOvK97]. **Art**

[CJK⁺06, KM11, WK07]. **Assembly**

[GM99, GHH⁺98, JMM98]. **Assessment**

[San09]. **Assignment** [Mit00].
Asteroidality [CWW02].
Asteroidality/Tubularity [CWW02].
Asymptotically [RS11]. **Attractors** [MF06]. **Attributes** [BDIZ03]. **Author** [Ano97, Ano98, Ano99, Ano00, Ano01, Ano02, Ano03, Ano04, Ano05, Ano06, Ano07, Ano08, Ano09, Ano10, Ano11, Ano12, Ano13a, Ano14, Ano15, Ano16, Ano17, Ano18, Ano19]. **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, CW12a, CGJS11, DGRS08, EFKP13, GLL+99, HH08, HH12, KS05, MF06, MH00, Sch00, Tou05]. **be** [CCMS19]. **Beltrami** [Xu06]. **Bends** [ECHS11, EC15]. **Benefit** [FOG00]. **Best** [BDE02]. **Between** [AS08b, BHP01, Ber05, Bes02, CLR07, CLRW10, GMMW19, Tan02, Wan09, CT97]. **Beyond** [AMV13]. **Bézier** [Rab05, ZWG06]. **Biarc** [HH08]. **Bichromatic** [CGG+12, PS19]. **Bilateral** [MG98]. **Binary** [DK12]. **Bipartitions** [DK99]. **Bisecting** [BKL17]. **Bisector** [EHP18]. **Bisectors** [FR98]. **Bites** [DG98]. **Bitmap** [KC97]. **Black** [BD05]. **Black-Box** [BD05]. **Block** [CHW+08, San09]. **Blue** [AC01, BK18, HSS05]. **Boat** [NS09]. **Boat-Sail** [NS09]. **Bodies** [Sit06]. **BOOLE** [KMG+01]. **Boolean** [KMG+01]. **Bottleneck** [CARB15]. **Bound** [Ata99, BS05, BHLL10, DHT15, KS02, KPS13, Ror19]. **Boundaries** [DMMH11]. **Boundary** [AAH+11, DG99, KU10, KMG+01, NZ06, STYK01]. **Boundary-Optimal** [NZ06]. **Bounded** [AR19, 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** [HSKK98]. **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** [BHLM03, BKN+11, GKS99, WZ16, WZ18]. **Centerpoints** [MRM15]. **Centers** [AKKS14]. **Central** [ADS00]. **Centre** [DK06]. **Centres** [DK08]. **Centroid** [ESS11, YLL18]. **Chains** [BBB+10, DLMS13]. **Characteristics** [GW04]. **Chessboard** [SPPK08]. **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** [SYI00]. **Closed** [BKL17, HREK07, SVY16]. **Closest** [Bes03]. **Cloud** [MNG04]. **Clouds** [ULVH10]. **Clustering** [BVL11, 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** [BHLL10]. **Column**

[AO98, DO00, MO01, O'R97a, O'R97b, O'R97c, O'R98, O'R99b, O'R99a, O'R00a, O'R00b, O'R00c, O'R01, O'R02, O'R03, O'R04a, O'R04b, O'R06, O'R07].

Combinations [KMG⁺01]. **Combinatorial** [AHO⁺14, CR01, CER97, DFL⁺18, FG04, MS06, SZP10]. **Common** [Rab05, SU13, Wan09, YCCV17].

Commuting [BBG⁺11]. **Compact** [BBCK05, Kan97a]. **Compass** [KL10a, VR04]. **Compatible** [CLR07, CLRW10]. **Competitive** [BDDT17, GR10]. **Complete** [BMKS00, BG14, Emi98, OGB11].

Completion [ZG06]. **Complex** [DGRS08, ELPZ07, GRS08]. **Complexes** [ALS12, CC06, EW00, Maf14, ÓWW00].

Complexity [BBR09, GR10, GM99, GMV99].

Complicated [RS07]. **Component** [CWW08]. **Compressive** [GIPR12].

Computable [CCK⁺06]. **Computation** [BFS01, EMM98, FR98, GC97, Hiy08, LS08, Löf11, vKLSW18]. **Computational** [AO98, AAH⁺11, DO00, JS09, MO01, O'R97a, O'R97b, O'R97c, O'R98, O'R99b, O'R99a, O'R00a, O'R00b, O'R00c, O'R01, O'R02, O'R03, O'R04a, O'R04b, O'R06, O'R07, Pet98]. **Computing** [AKS⁺12, AKKS14, AH11, ABD⁺11, AS08b, AL01, AEK05, BSC99, BSC00, DG13, Bes03, BMT99, BCD⁺00, BL03, BMSS11, BHLM03, CK97a, DMOW98, DR02, Emi98, FSS⁺97, Gav09b, GKK⁺10, GKS99, KG14, Kir07, KS99, KYZ14, MB02, MR03, TV01, WLW01, WZ18, WNGK⁺12, dF18].

Concepts [PW01]. **Conceptual** [SOR06]. **Condition** [KU10]. **Conditional** [BK17].

Configuration [HLM99]. **Configurations** [BK07]. **Conflict** [AS08a, FK18, dBLM⁺19]. **Conflict-Free** [AS08a, FK18, dBLM⁺19]. **Conflicting** [SZP10]. **Conforming** [MMG01]. **Congruence** [BK02]. **Conic** [GW04]. **Conjectures** [MRM15].

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Contain [BSX09]. **Containers** [AS18]. **Containing** [EEM11, KS13]. **Containment** [BHP01]. **Continuous** [BDBF⁺14, EFS09, HREK07, WIEH05].

Contours [DG03, HSKK98]. **Contraction** [Goo98]. **Contractions** [AGL09].

Controlled [HL04]. **Convex** [AH11, AS18, AFN11, BRD09, BHLO11, BBC⁺02, BHLM03, BS00, Cha12, CWKC98, CDWK01, CL17, CT97, Cho99, CK97b, DKS05, Emi98, GHH⁺98, HS02, HDY07, KS02, KPS13, LR00, MS99, MGR09, MHW00, NY98, PS19, RR00, Sha01, TWC06, VO98, Żak10, Zhu97, KNA94].

Convexity [Ror19]. **Convolution** [MS07b].

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Creation [ESG98]. **Criteria** [AAK⁺06].

Critical [DGRS08]. **Cross** [EW00]. **Cross-Sections** [EW00]. **Crossing**

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BKST00, BK17, DGRS08, GMMW19, KS11, Maf14, MJ12, Yan06, YLL18]. **Distances** [BK07, Cha01]. **Distant** [AEK05]. **Distributed** [LSS98]. **Distribution** [BK07]. **Distributions** [MTT99]. **Divide** [PL04]. **Division** [HL98]. **Dog** [DG98]. **Domain** [MS99]. **Dominance** [GJSD97]. **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, FIS08, LM97, dBLM⁺19]. **Dynamically** [GM98]. **Dynamization** [CT92].

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Min-Hausdorff-Distance [BHP01].

Min-Sum [AAK⁺06]. **Minimal** [BMKS00, DEG⁺03, GC97, GBRT13]. **Minimization** [HSKK98]. **Minimizing** [AACKM11, LWZ17]. **Minimum** [ACGK17, AGLN03, BFMFP⁺14, BBL08, BDE02, CDJ⁺15, Cha02, CL13, CT97, Col04, ECHS11, EC15, Fra08, GKK⁺10, GSZ11, Jia15, KKY00, MS99, MGR09, TWC06, WLW01]. **Minimum-Bends** [ECHS11]. **Minimum-Dilation** [GKK⁺10]. **Minimum-Width** [Cha02]. **Mining** [Tou05]. **Minkowski** [BBR09, LLCC11, MS07b, MS10]. **Mixed** [RS99]. **Mobile** [DK06, DK08, GR10]. **Model** [GMV99, LYW97]. **Modeling** [MG98, SPP08, TW06]. **Modelling** [SOR06]. **Models** [AMM⁺98, BBCS99, Goo98]. **Modem** [DHT15]. **Moderate** [BL03, CKMK03]. **Moderate-Sized** [CKMK03]. **Modular** [RS11]. **Modulated** [CHW⁺08, WDBB09]. **Molecular** [ZWG06]. **Monochromatic** [DP02]. **Monotone** [AC01, BBB⁺19, EW00]. **Monotonic** [MS07b]. **Monotonicity** [BV05]. **Morphing** [Ber05, Bes02]. **Morphological** [WR07]. **Most** [AHO⁺14, CCMS19, SV16]. **Motion** [CDG⁺09, Cho99, GR10, HL97, KS10, RS11]. **Motorcycle** [HH12]. **Mountain** [CHW⁺08]. **Moving** [AGMR98, BDIZ03, DG98, DDE⁺07, LWZ17, vKLSW18]. **Multi** [AACKM11, FN05, FOX08, GR03b, SM06, WIEH05]. **Multi-Axis** [WIEH05]. **Multi-Directional** [FOX08]. **Multi-Group** [SM06]. **Multi-Level** [FN05]. **Multi-Particle** [GR03b]. **Multidimensional** [CFL15, EGS08, KS10, Van91]. **Multiple** [ACM01, HL98, HLM⁺14]. **Multiple-Robot** [HL98]. **Multiple-Tool** [ACM01]. **Multisearching** [Ata99]. **Mutual** [ABR14].

n [HDY07]. **Natural** [Hiy08]. **Navigating** [CCJV17, CL93]. **Navigation** [ACFV10]. **NC** [WIEH05]. **NC-Machining** [WIEH05]. **Near** [AMV13]. **Nearest** [BD05, CVY11, KS11, SV16, Tou05, Wan15, WZ19]. **Nearly** [BNS10]. **Nearly-Opposite** [BNS10]. **Necklace** [SV15]. **Necklaces** [Ber04]. **Neighbor** [AM07, CVY11, Hiy08, KS11, SV16, Tou05, Wan15]. **Neighborhoods** [EFS09]. **Neighbors** [AMV13, WZ19]. **Net** [WCLS07]. **Network** [BC06, MH00]. **Networks** [AACT17, CLLP09, GSZ11]. **News** [VR04]. **Nice** [AH11]. **Noisy** [ACC⁺12, MNG04, ULVH10]. **Non** [GJS09, Kei97, MTT99, Pap99, SOR06, TSN97, WQS05]. **Non-Cartesian** [SOR06]. **Non-Crossing** [Pap99, TSN97]. **Non-Intersection** [GJS09]. **Non-Piercing** [Kei97]. **Non-Uniform** [MTT99, WQS05]. **Nonintersecting** [AC01]. **Nonobtuse** [Epp97]. **Nonparametric** [DLMS13]. **Nonpositive** [Maf14]. **Nonrectangular** [AB09]. **Nonsmooth** [Cho99]. **Norm** [EH19]. **Normal** [CLR07]. **Normal-Compatible** [CLR07]. **Normal-Map** [CLR07]. **Normals** [MNG04]. **Normed** [WNGK⁺12]. **Note** [FMHT14]. **Notice** [Lee03]. **NP** [BG11a, BZ14, GKK⁺10, Roy16]. **NP-Hard** [BG11a, BZ14, GKK⁺10, Roy16]. **Null** [Dey97]. **Null-Homologous** [Dey97]. **Number** [AH19, Col04, EC15, FMHT14, KKY00, KU99, MGD15, MS99, dBHOvK97]. **Numerical** [For95]. **NURBS** [BXHN03].

O [Afs13]. **Object** [CCMS19, DGN09, GMV99]. **Objects** [AS08b, AS18, APS00, AGR16, BSC00, CW12b, NY98, PL04]. **Obnoxious** [BMKS00, CW12b]. **Obstacle** [CT97]. **Obstacles** [AC01, BL03, CCK⁺06, KSN99, LYW97]. **Obtaining** [dFdSdF17]. **Obtuse** [FMHT14]. **Octilinear** [MHS07]. **Octree** [Sch00]. **Octree-Based** [Sch00]. **Omino** [AH19]. **On-Line** [GR10, LHHHP03, CL93]. **One**

[LPC00]. **Onion** [BS12]. **Online** [BBC⁺02, BDDT17, KS10, Jan93]. **Onto** [RS07]. **Operations** [HV91, JJ10]. **Operator** [Xu06]. **Operators** [SBBC00]. **Opposite** [BNS10, GBRT13]. **Optimal** [AFK⁺10, AKM⁺17, AAF10, BKC09, BD05, BKST00, Bes02, BG05, CHW02, CM10, CT97, DMS10, DK12, DK99, GC97, HDY07, KG14, KK10, NZ06, RR00, RS11, SV01, Tan02, Wu09, WDBB09, Xu06]. **Optimal-Ratio** [Wu09]. **Optimality** [IM12]. **Optimization** [ACKT01, CS06, GR03b, KTT02, LD15]. **Optimization-Based** [ACKT01]. **Oracle** [EFKP13]. **Oracle-Based** [EFKP13]. **Order** [ABG⁺09, ACK⁺16, AKM⁺17, BMvR16, GR03a]. **Order-Preserving** [GR03a]. **Ordered** [GR03a]. **Orderings** [ACK⁺16, AKM⁺17]. **Orientation** [BZ14]. **Orientations** [GBRT13]. **Oriented** [MR03, SI94]. **Origin** [EEM11]. **Orthogonal** [AECSU98, BMT00, BHLO11, BG11b, CY17, KM11, Kei97, MJ12, Nek13, SU13, SM00, WK07, WDBB09]. **Orthostacks** [DIL10]. **Other** [CFM⁺01, Fra08, dFdSdF17]. **Outer** [DE12]. **Outer-** [DE12]. **Outerplanar** [DL07]. **Outliers** [CW12a, Da 11]. **Output** [EFKP13, KMW00, NY98]. **Output-Sensitive** [EFKP13, NY98]. **Overlap** [CDG⁺09]. **Overlaying** [JH04a, JH04b].

p4 [AH19]. **p4-Tilings** [AH19]. **Packed** [BK17]. **Packing** [AS18, BE00, BHLL10, EFK⁺07, Epp97, SYI00, TWC06]. **Pair** [KSN99]. **Pairs** [Pap99]. **Pairwise** [BK07, WCMS04]. **Parabola** [CEK⁺07]. **Parallel** [BET99, CDKW05, Che98, CWKC98, MGD15, SPP08, Seg99, STÜ07, Zhu97]. **Parallelization** [CR01]. **Parallelizing** [TMPD95, TMPD97]. **Parameter** [BBL08]. **Parameterizations** [GW04, WJG97].

Parametric [BD05, KTT02, SYI00]. **Pareto** [CNTV10]. **Part** [JH04a, JH04b]. **Partial** [BMSN19, Sch16]. **Particle** [GR03b]. **Partition** [AGLN03, CM11, MS99]. **Partitioning** [DP02, GHH⁺98, NPR17, VR04, Van91]. **Partitions** [DK12, DD00, DKK09, KK05, MS14]. **Parts** [DP02]. **patches** [BXHN03]. **Path** [CCK⁺06, CDK01, CM10, CT97, DN18, HLM99, WIEH05]. **Paths** [ACH⁺12, AL11, AC01, BL03, CM10, CJVW12, CSY97, DL07, GBRT13, KSN99, LYW97, Pap99, TSN97, WNGK⁺12]. **Pathwidth** [Sud04]. **Patterns** [BBG⁺11]. **Peeling** [CLX03]. **Permutations** [ABD⁺11]. **Persistent** [CFL15, DG99]. **Perspectives** [TW00]. **Perturbation** [HL04]. **Perturbations** [BDG14]. **Phase** [BMT00]. **Pieces** [MS99]. **Piecewise** [GOG11, HREK07]. **Piercing** [AK99, DDCN13, Kei97, Seg99]. **Placement** [BRD09, Gav09a, KT03, MMG01]. **Places** [BDGW10]. **Placing** [MGD15]. **Planar** [AB09, ADF13, ABR14, AAK⁺06, BS12, BHP16, BCHS07, CW12b, CL17, CK97b, DDE⁺07, DN18, FW03, Fra08, GR03a, DDL⁺10, GKS99, HREK07, HL97, IM12, LW04, Maf14, MST13, NY98, CT92, FMR05, Jan93]. **Plane** [ADD⁺13, BC06, BDP08, BV13, BK18, CER97, DK12, DE12, DG16, EBGK⁺07, GJS03, GBRT13, KKY00, KU10, KSN99, LHHHP03, MHN06, SJ99, TSN97, Wan15, WZ16, WZ18, WZ19, YLL18]. **Planes** [Rab05, Vig12]. **Planning** [Cho99, GR10, HL97, HLM99, KS10, RS11]. **Plans** [DG13]. **Point** [AAR97, ACK⁺16, AKM⁺17, AGM⁺12, BD05, BV13, BK07, BK02, BS00, BG14, CHU14, CW12a, CL17, CGG⁺12, DEH⁺05, DG98, DK99, DDE⁺07, DMM02, DP02, EBGK⁺07, EGS08, EvKSS15, FMHT14, Gav09b, DDL⁺10, GKS99, GJSD97, IM12, JS09, Kan97b, KS13, KBA11, Kir07, LS08,

MB02, MNG04, MMG01, MJ12, PS19, Ror19, Roy16, Sit06, ULVH10, Wis00, WTX02, YCCV17, ZP01, CT92, Jan93]. **Point-Dominance** [GJSD97]. **Point-Placement** [MMG01]. **Point-Set** [BV13, DDL⁺10, Jan93]. **Pointed** [AHO⁺14]. **Pointer** [Afs13]. **Pointerless** [AM07]. **Points** [AGMR98, AAK⁺06, AAF10, BDIZ03, BDBF⁺14, Bes03, BM12, BK18, BDGT13, CDKW05, CDWK01, CLL05, Col04, Da 11, DP03, DGRS08, DK06, EC15, FKNN17, GJS03, Jia15, KK05, KU10, KNN⁺02, KU99, Löf11, MGD15, SJ99, SW01, WZ18, Zhu04a, dBLM⁺19, KNA94]. **Pointsets** [MRM15]. **Poisson** [DN18]. **Poly** [ABD⁺18]. **Polycubes** [AB09]. **Polygon** [AACKM11, AHK⁺14, BRD09, BHP01, BMT99, BVL11, BHLMO3, BNS10, CK97a, Che98, CHW02, CvO01, 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, SVY16, STYK01]. **Polygons** [AECSU98, AT18, ABD⁺11, AMP10, AFN11, BS08, BBB⁺19, BG05, BHLO11, BV05, CVG⁺07, CNTV10, CT97, DL06, DH13, HS02, Kei97, KS02, KSS02, LR00, MHW00, Nar99, NPR17, Poo09, SS11, Sha01, SM00, Tan99, Tan02, TWC06, THL98, Żak10]. **Polygons/Trees** [Poo09]. **Polyhedra** [AH11, BHLO11, BG11b, Bin02, BV05, CY17, CDRR05, Guh05, Vig12, Zhu97]. **Polyhedral** [BSC00, Bar98, GHH⁺98, TMPD97, dBHOvK97, TMPD95]. **Polyhedron** [Res14, WLW01]. **Polyline** [AAK⁺06]. **Polylines** [Ber05, Bes02]. **Polymatroid** [KTT02]. **Polynomial** [BGK⁺09, BL03, KYZ14, SV01]. **Polynomial-Time** [BGK⁺09, BL03, KYZ14]. **Polyominoes** [ABD⁺18, AB09]. **Polytopes** [CR01, EFKP13, GHH⁺98]. **Popular** [BDGW10]. **Posed** [BBR09]. **Position** [FKNN17]. **Positions** [DMM02]. **Positively** [EHP19]. **Possibilities** [BHMW11]. **Postman** [DG98]. **Practice** [RS99, TW00, FMR05]. **Precise** [HREK07]. **Precision** [FR98]. **Predicates** [ETT08, MSB19]. **Preprocessors** [SZP10]. **Presence** [BvR19]. **Preservation** [JH04b]. **Preserving** [AHK⁺14, GR03a, HHMK14, JJ10, SFM07]. **Price** [BMvR16]. **Pricing** [CLLP09]. **Primitive** [Che10]. **Primitives** [MST13]. **Principal** [CWW08]. **Probabilistic** [BDIZ03]. **Problem** [Als97, AAMT15, BBR09, BGK⁺09, BV13, BBL08, BGL⁺97, BS05, BKN⁺11, BZ14, CARB15, CDJ⁺15, DFLON12, DDCN13, DBHM⁺03, DHT15, EFS09, GLL⁺99, LWZ12, WKG10, Wen02, WK07, WDBB09, XLYB04, YLL18]. **Problems** [Afs13, AR19, AHM⁺06, BMSS11, CS06, Cha12, CDK01, CHW02, CHL⁺04, CHL⁺06, CFM⁺01, DG99, DG98, FLMS18, FSS⁺97, GR10, GJSD97, HSS05, JS09, KPS13, KK10, Maf14, MNP⁺00, MJ12, Por09, WZ16, WCLS07, Wu09, ZG06, Dev92]. **Product** [LSB04]. **Products** [JMM98]. **Programming** [Bar98, DD00, KNA94]. **Projection** [ACFV10]. **Projections** [AH11, BHLO11, EFKP13]. **Prone** [KL10a]. **Properties** [ABG⁺09, BEW03, BvR19]. **Property** [CPRS18]. **Protein** [FOX08]. **Provable** [CWW08]. **Provably** [Mit97]. **Proximity** [HLW13, KL10b, Tou05, dF18, BDH⁺12]. **Pseudo** [AHO⁺14, AAH⁺15]. **Pseudo-Triangulations** [AHO⁺14, AAH⁺15]. **Pseudomanifolds** [DMMH11]. **Pspace** [BG14]. **Pspace-Complete** [BG14]. **Pursuit** [ABC⁺15, BBB⁺19, GLL⁺99]. **Pursuit-Evasion** [ABC⁺15, GLL⁺99]. **Push** [DG13].

Quadrangular [MHW00]. **Quadrangulations** [PS19]. **Quadratic** [DNW⁺09, GW04, WJG97]. **Quadrics** [WJG97]. **Quadrilateral** [BE00, MH00, RSS⁺05]. **Quadrees** [BET99, EGS08]. **Quality** [BET99, Ber00, CDRR05, MH00]. **Quantile** [MNP⁺00]. **Queries** [CEK⁺07, CVY11, CT97, GJS09]. **Query** [CDK01, KS13, MMS97]. **Query-Sensitive** [MMS97].

Radial [ACK⁺16, AKM⁺17]. **Radiation** [CHL⁺04, CHL⁺06, CHW⁺08, WDBB09]. **Randomization** [Dev92]. **Randomized** [CFM⁺01]. **Range** [Afs13, BMSN19, FN05, FPNZ98, KS05, MJ12, Nek13]. **Ranges** [FN05]. **Rank** [JJ06]. **Ratio** [Wu09]. **Rational** [GW04, HREK07, WJG97]. **Ray** [GKS99, Goo98, KYZ14, MMS97]. **Rays** [DL06]. **Reaching** [CvO01, Kan97b]. **Recognition** [Roy16]. **Recognizing** [BV05, EHP19]. **Reconciling** [SZP10]. **Reconfigurable** [RS11]. **Reconstructing** [ACK⁺16, AKM⁺17, BHLO11, EHP19]. **Reconstruction** [ACC⁺12, AT18, ACDL02, BBCS99, DW02, DGRS08, Wis00, DEG⁺03]. **Rectangle** [FM99, GJSD97, MR03]. **Rectangles** [Gav09a, Kei97, KBA11, KNN⁺02, Seg99]. **Rectangular** [ACS18, DD00, DKK09, MHN06, Por09, Wan09]. **Rectilinear** [AC01, DMS10, GC97, KSY⁺01, LYW97, TSN97, WZ18]. **Red** [AC01, BK18, HSS05]. **Red-Blue** [HSS05]. **Reducing** [BBR09]. **Reduction** [CHW⁺08, Rab05]. **Reference** [AAR97]. **Refined** [vKLSW18]. **Refinement** [Lab08, MPW05, RW11, STÜ07]. **Refinements** [MHW00]. **Reflector** [AAMT15]. **Reflex** [ACCS04]. **Reflex-Free** [ACCS04]. **Region** [DKS05, Gav09a, LSS02, MVV07, STYK01, Wu09]. **Regions** [ACS18, BK14, CJVW12, CCJV17, NPR17, TSN97, FMR05]. **Regular** [Guh05].

Related [Afs13, Als97, BMSS11, DG98, FSS⁺97]. **Relations** [Wan09]. **Removal** [GMV99, Lab08]. **Reparametrization** [SV01]. **Reporting** [Afs13, CGG⁺12, Nek13]. **Representation** [AAH⁺11, ADM11, JMM98, Kan97a, MG98, DMMH11]. **Representations** [BBCK05, Sha97a, Sha97b, Sha99]. **Representing** [ALS12]. **Resemblance** [KC97]. **Resilience** [KYZ14]. **Resolving** [Sit06]. **Respect** [dBLM⁺19]. **Restricted** [AGL09]. **Restrictions** [MH00]. **Resultant** [EFKP13]. **Results** [KG14]. **Reverse** [CVY11]. **revised** [Van91]. **Revisited** [CDJ⁺15, DGN09, GJSD97, PX15]. **Right** [DE12]. **Rigid** [CDG⁺09, Sit06]. **Rigidity** [JJ06, JJ10, Ngu12, OP10]. **Rings** [Seg99]. **River** [Sug92]. **Robot** [ACFV10, GR10, HL97, HL98, Kan97b, KS10]. **Robots** [DG13, RS11]. **Robust** [DLMS13, MNP⁺00, Muc98, SI94]. **Roofs** [EHP18]. **Room** [KZ10, LPC00, PLC02]. **Rooted** [KK05]. **Rotating** [BDBF⁺14, Vig12]. **Rotational** [BSC00]. **Round** [DR02]. **Rounding** [GM98]. **Roundness** [DR02, DP03, San09, SJ99]. **Routable** [NPR17]. **Route** [WKG10]. **Routes** [THI99]. **Routing** [BBC⁺02, BDDT17, HL97]. **Rules** [HS02].

Sabin [WQS05]. **Sail** [NS09]. **Salesman** [EFS09, XLYB04]. **Sampled** [BYM⁺18]. **Sampling** [CFL15, DGRS08, FIS08]. **Saw** [DH13]. **Scalar** [BYM⁺18]. **Scale** [ULVH10]. **Scallop** [BBB⁺19]. **Scans** [BBCS99]. **Scattered** [CCJV17]. **Scenes** [dBHOvK97]. **Scheduling** [OGB11]. **Schemes** [MG98]. **Sculptured** [KMG⁺01]. **Search** [FN05, KS05, KS11]. **Searchable** [KZ10]. **Searcher** [LPC00]. **Searching** [BMSN19, FPNZ98, LSS02, LPC00, PLC02, SV16, STYK01, Vig12, Wan15]. **Searchlight**

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[Hiy08]

Hiyoshi:2008:SCN

Heimlich:2008:BAS

[HL97]

Hert:1997:PCR

Huber:2012:FSS

[HL98]

Hert:1998:PAD

Huber:2014:TPW

[HL04]

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