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(1|1) [YLL18]. 1 [DE12, LPC00, Ngu12]. 1.5 [GLS10]. 14 [Res14]. 2 [ADM11, BS16, DEG+03, Dey97, EMM98, ELPZ07, For95, kLkHsL+23, ÓWW00, RW11, RR00]. 3 [AAH+15, AK99, BHP01, BBCS99, BS16, BS17, CM11, CSY97, CK97b, FM99, GGBK21, HSS05, JJ06, LWŻ12, 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]. $\frac{2}{3}$ [WTX02]. K [BKN+11, AKKS14, AGM+12, CHU14, DHT15, DKMM23, ESS11, FN05, FS08, KK10, MNP+00, MRM15, Pap99, Wan15, WZ16, WZ19]. L [BRD09]. L_1 [WZ19, Wan15]. L_2 [Rab05]. L_∞ [PX15, PL01]. $\mathbf{R}^d$ [MRM15]. $\mathbf{R}^N$ [FKMW22]. n [AH19]. O [BS00]. $O(n \log^* n)$ [Dev92]. $O(n \log n)$ [ADS00]. ω [BDH+12]. $\Omega(n)$ [Dev92]. $\pi/2$ [BDD+12]. r [LWŻ12]. θ [BvR19]. V [San09].

-Angle [BDD+12]. **-Approximation** [LWŻ12]. **-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** [Ngu12]. **-Flats** [CHU14]. **-Graphs** [BvR19]. **-Level** [AGM+12]. **-Manifolds** [Dey97]. **-Maps** [BS17]. **-Means** [FS08, WZ16]. **-Median** [WZ16]. **-Modem** [DHT15]. **-Omino** [AH19]. **-Packed** [BK17]. **-Pairs** [Pap99]. **-patches** [BXHN03]. **-Piercing** [AK99]. **-Plane** [DE12]. **-Ranges** [FN05]. **-Sampling** [DGRS08]. **-Searcher** [LPC00]. **-Sets** [ESS11]. **-Space** [CSY97]. **-splines** [BXHN03]. **-Star** [LWŻ12]. **-Visibility** [BRD09].

/Max [EHP18].

2-Approximate [GSZ11]. **2-Central** [HZX24]. **2-Centres** [DK08]. **2-Dot** [JPV21]. **2-Manifolds** [DMMH11]. **2-Pseudomanifolds** [DMMH11]. **2-Trees** [BFL21].

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** [AL11, AKM+17, ADS00, ACDL02, AFN11, ACM01, BGK+09, BL03, BM02, BCHS07, Che10, CER97, DN97, EFKP13, HZX24, HH12, KYZ14, LSS02, LWŻ12, LHX24, MMNM07, MS07a, NY98, OGB11, Sha01, SI94, TV01, THI99, TO21, TMPD97, TW06, WZ20, 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, Gui22, IST20, JW24, JH04a, LSS98, Maf14, MS10, MTT99, MPW05, MS14, RW11, SV15, STÜ07, WCMS04, Wu09, ZP01, Dev92]. **Aligned** [BKN+11, iN23]. **Almost** [AACT17, DR02, KK10, WLW01]. **Alternating** [KKY00]. **Amidst** [BL03, CCK+06]. **Among** [CW12b, LYW97]. **Analyses** [STÜ07]. **Analysis** [BDIZ03, CWW08, Cho99, FOG00, Gui22, SOR06]. **Anchored** [DBGV06, FSS+97]. **Angle** [BDD+12, DE12, KLV21, KV23, Mit97]. **Angles** [CDRR05, FMHT14, WG21]. **Angularity** [DMOW98]. **Anisotropic** [SYI00]. **Anisotropy** [ACFV10]. **Annulus** [Cha02, DBHM+03]. **Any** [CM10, VO98]. **Application** [CEK+07, DG99, Epp97, Gui22, 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, CMO03, CKMK03, KT03, MC91, MS06, MH00, PL04, Pet98, SM06]. **Approaches** [CHL+06]. **Approximate** [AMV13, Ber05, BDH+04, CJVW12, CSY97, DR20, 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, LWŻ12, LR00, MNP+00, MHS07, WTX02, WCMS04, ZP01]. **Approximations** [dFdSdF17]. **Arabesque** [Nab21]. **Arbitrarily** [MR03]. **Arbitrary** [AM07, HQYD22]. **Arc** [WJA20]. **Arcs** [GBRT13]. **Area** [BDJ10, BHLM03, BHLL10, CDG+09, Fra08, GR03a, GSa20, 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**

[BI21, CJK+06, KM11, WK07]. **Assembly** [GM99, GHH+98, JMM98]. **Assessment** [San09]. **Assignment** [Mit00]. **Asteroidality** [CWW02]. **Asteroidality/Tubularity** [CWW02]. **Asymptotically** [RS11]. **Attractors** [MF06]. **Attributes** [BDIZ03]. **Augmenting** [WZ20]. **Author** [Ano97, Ano98, Ano99, Ano00, Ano01, Ano02, Ano03, Ano04, Ano05, Ano06, Ano07, Ano08, Ano09, Ano10, Ano11, Ano12, Ano13a, Ano14, Ano15, Ano16, Ano17, Ano18, Ano19, Ano20, Ano21, Ano22, Ano23]. **Automatic** [BBCS99, KT03]. **Aware** [EFKM08]. **Axes** [WG21]. **Axis** [CDKW05, EMM98, GRS08, MGD15, Seg99, SFM07, WIEH05, Zhu97]. **Axis-Parallel** [CDKW05, MGD15, Seg99, Zhu97].

Back [kLkHsL+23]. **Balanced** [AGLN03, KK05, KU10]. **Ball** [CLRW10, FG04]. **Ball-Map** [CLRW10]. **Balls** [BG11a, FG04, Gui22, NN09]. **Bands** [HH08]. **Barrier** [JW24]. **Based** [ADM11, AL01, ACKT01, BBR09, Ber00, CSX05, CW12a, CGJS11, DGRS08, EFKP13, GLL+99, GGBK21, HH08, HH12, KS05, MF06, MH00, Sch00, Tou05]. **be** [CCMS19]. **Beltrami** [Xu06]. **Bends** [ECHS11, EC15]. **Benefit** [FOG00]. **Bernstein** [Pro22]. **Best** [BDE02]. **Between** [AS08b, BHP01, Ber05, Bes02, CLR07, CLRW10, GMMW19, Gui22, Tan02, Wan09, CT97]. **Beyond** [AMV13]. **Bézier** [Rab05, ZWG06]. **Biarc** [HH08]. **Bichromatic** [CGG+12, PS19]. **Bilateral** [MG98]. **Binary** [DK12]. **Bipartite** [JMMR23]. **Bipartitions** [DK99]. **Bisecting** [BKL17]. **Bisection** [KLV21]. **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, DKMM23]. **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]. **Braid** [Sto21]. **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, HZX24]. **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, WJA20]. **City** [BKC09, GSW08]. **Class** [RS11]. **Classes** [BV05]. **Classification** [AGM+12]. **Close** [SYI00]. **Closed**

[BKL17, GSa20, 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, Nab21, 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, GK20, Maf14, ÓWW00]. **Complexity** [BBR09, GR10, GM99, GMV99]. **Complicated** [RS07]. **Component** [CWW08]. **Compressive** [GIPR12]. **Computable** [CCK+06]. **Computation** [BFS01, EMM98, FR98, GC97, Gui22, 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, Kra20, 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]. **Conjugacy** [Sto21]. **Connected** [AACT17, CK97b]. **Connecting** [AC01, BG05]. **Connection** [ACGK17]. **Conquer** [PL04]. **Consistency** [SOR06]. **Constrained** [DDL+10, GOG11, GBRT13, KS99, RSS+05, TW06, WZ16, ZG06, DEG+03]. **Constraint** [GBRT13, JW24, JTNM06, SM06, SZP10, TW06, ZG06]. **Constraints** [AAMT15, BvR19, CARB15, CWW02, MS06, VB05, Yan06, YLL18, DEG+03]. **Constructing** [BDGT13, CDWK01, DN97, GSW08, GOG11, THI99]. **Construction** [BKC09, BET99, GSZ11, HDY07, LW04, LHHHP03, MSB19, Wen02]. **Constructive** [Goo98]. **Contact** [FPNZ98, LM97]. **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, BDM+20, BHLM03, BS00, Cha12, CWKC98, CDWK01, CL17, CT97, Cho99, CK97b, DKS05, DKMM23, Emi98, GSa20, GHH+98, HS02, HDY07, KS02, KPS13, LR00, MS99, MGR09, MHW00, NY98, PS19, RR00, Sha01, TWC06, TO21, Tat23, VO98, Żak10, Zhu97, KNA94]. **Convexity** [Ror19]. **Convolution** [MS07b]. **Coordinate** [Yan06]. **Coresets** [FS08, dFdSdF17]. **Corners** [DW02]. **Corrigendum** [THI99].

Cost [FOG00, LWZ17, WKG10]. **Cost/Benefit** [FOG00]. **Counting** [AB09]. **Countries** [SV10]. **Counts** [BHLO11]. **Cover** [AACKM11, BS05, BS00, CHW02, DFLON12, EC15, GSa20, KPS13]. **Coverage** [AMP10, ACS18, LWZ17, iN23]. **Covered** [GHH+98]. **Covering** [ACFV10, Col04, JW24, Jia15, Kei97, KBA11, LWŻ12, Mit97, Por09]. **Creation** [ESG98]. **Criteria** [AAK+06]. **Critical** [DGRS08]. **Cross** [EW00]. **Cross-Sections** [EW00]. **Crossing** [CARB15, DE12, KSN99, Pap99, TSN97]. **Crossings** [KKY00]. **CSG** [MG98]. **Cubes** [ABD+18]. **Culling** [DP03]. **Cumulative** [Gui22]. **Curvature** [Aj24, BL03, CGJS11, GBRT13, Maf14]. **Curvature-Based** [CGJS11]. **Curvature-Constrained** [GBRT13]. **Curve** [BD05, CGJS11, FR98, GGBK21, HL97, HV91, Sch16]. **Curve/Curve** [FR98]. **Curved** [AS08b, Sha01]. **Curves** [BKL17, BK17, CD03, DW02, GSa20, GMMW19, HREK07, HH08, MS07a, SVY16, SV01]. **Curvilinear** [APS00]. **Cut** [TO21]. **Cut-Locus** [TO21]. **Cutting** [DL06, DH13]. **Cycles** [AFK+10, Dey97, DL07, KKY00, WNGK+12]. **Cyclic** [ACW22]. **Cylinder** [Cha02, FSS+97]. **Cylindrical** [Ber04, Zhu04a]. **Cylindricity** [DP03].

D [BBCS99, DEG+03, ADM11, BS16, CM11, EMM98, ELPZ07, FM99, For95, GLS10, GGBK21, HSS05, kLkHsL+23, RW11, RR00, TW06, Zhu04a]. **D-Range** [kLkHsL+23]. **Dams** [SV10]. **Data** [ACC+12, AKKS14, ALS12, BYM+18, CSX05, CW12a, EGS08, FIS08, GJS09, JS09, MTT99, MNG04, Tou05, WCMS04]. **Database** [Bar98, JMM98]. **Dataflow** [SPP08]. **DBSCAN** [dBGR19]. **DCEL** [Bar98]. **Deceiving** [San09]. **Decision** [AMM+98]. **Decompose** [TW06]. **Decomposition** [CR01, FM01, GGBK21, HL98, JTNM06, KS02, SM06, WK07, WDBB09, ZG06, FM97]. **Decompositions** [Sha97a, Sha97b]. **Deficiency** [Sha01]. **Definition** [vKLSW18]. **Deformation** [CC06]. **Deforming** [Ber04]. **Degeneracy** [MS22]. **Degenerate** [MSB19]. **Degree** [AHO+14, AR19, BSX09, HLW13, LW04, Rab05, dF18]. **Delaunay** [ABG+09, ACH+12, BDG13, BDG14, BSX09, BDDT17, Dev02, DEG+03, DN18, For95, GJ21, GOG11, LS08, MPW05, Müc98, MMG01, RW11, STÜ07]. **Deletion** [AFK+10, Dev02]. **Density** [CSX05]. **Density-Based** [CSX05]. **Departure** [San09]. **Dependent** [GJ21, 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, KSS02, MSB19, MS22, Wu09]. **Determinant** [CKMK03]. **Determination** [LM97]. **Determine** [VB05]. **Determined** [BK07]. **Determining** [Che98, Gav09a]. **Detour** [WNGK+12]. **Developments** [SU13]. **Diagram** [BKC09, BS12, BBB+10, DG98, DBGV06, ETT08, Gav09b, GJ21, GSW08, HDY07, KS05, KKS05, NS09, PL01, PL04, PD13, PX15, SPPK08, SV16]. **Diagrams** [AAC+99, AGMR98, BC06, BK14, BKL17, EH19, GJS03, MMR01, Sug92, SI94, VO98]. **Diameter** [Cha02, MB02, Poo09, Jan93]. **Diameter-4** [Poo09]. **Diameters** [Als97]. **Diamond** [BSX09]. **Diamonds** [BDE02]. **Differential** [CP05]. **difficult** [Dev92]. **Digital** [BBCS99]. **Dihedral** [KV23]. **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, HQYD22, JJ06, KS05, Kir07, Müc98, dBGR19].

Dimensions [AM07, ALS12, BBCK05, DB92, EEM11, HDY07, IMTI02]. **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, WKG10, WZ20, WCLS07, Wu09, Xu06]. **Discs** [AS08a, CWKC98]. **Disjoint** [KBA11]. **Disk** [BDJ10, DG13, BHLL10, DFLON12, KS13, dFdSdF17]. **Disk-Shaped** [DG13]. **Disks** [AFN11, BDP08, BVL11, CDG+09, CDJ+15, DDCN13, Gui22, iN23]. **Dispersion** [BGK+09]. **Dissections** [Żak10]. **Distance** [AKS+12, AS08b, BHP01, BBB+10, BKST00, BK17, DGRS08, GMMW19, Gui22, KS11, Kra20, Maf14, MJ12, Yan06, YLL18]. **Distances** [BK07, Cha01, KN20]. **Distant** [AEK05]. **Distributed** [Gui22, LSS98, LDHX20]. **Distribution** [BK07, Gui22]. **Distributions** [MTT99]. **Divide** [PL04]. **Division** [HL98]. **Dog** [DG98]. **Domain** [GGBK21, MS99]. **Dominance** [GJSD97]. **Dominating** [CDJ+15]. **Doo** [WQS05]. **Door** [KZ10, LPC00]. **Dot** [JPV21]. **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** [BI21, BG14, Cha12, DBGV06, EGS08, FIS08, IST20, kLkHsL+23, LM97, dBLM+19]. **Dynamically** [GM98]. **Dynamization** [CT92].

Easy [DR02]. **Eccentricity** [DK06]. **Edge** [AFK+10, AGL09, BHLO11, BFL21, CARB15, Che98, GHN+03, HS02, KLV21, kLkHsL+23, SM00, Tan99]. **Edge-Crossing** [CARB15]. **Edge-Length** [BFL21]. **Edges** [AT18, GMMW19]. **Editor** [CL09, DBKU14, Aga99, Asa09, Bar05, Bar13, Efr08, Fle06, For97, Her01, Hon18, Kim09, KS07, Lee03, Mit04, Rok09, Sug03, Tam03, Ten00, Tok02, Tok19, Zha07, Zhu04b, dBS02]. **Editors'** [CÜ05, AV14, AF98, AC08, AMS97, ANO13b, CHL13, CO12, GM06, Gav05, kHsLtT23, HN11, HV12, KS16, LM98, MR05, SK08, dBDE17]. **Efficiency** [FOG00]. **Efficient** [ACKT01, AM07, ALS12, CD03, Dey97, GR03a, GJS09, HZX24, KNA94, KC97, LW04, LM97, LHX24, LR00, MS22, Tat23, VB05, WCMS04, Wu09, WDBB09, ZP01]. **Element** [MHW00]. **Elements** [DNW+09]. **Eliminating** [HV91]. **Ellipses** [ETT08]. **Ellipsoids** [SYI00]. **Embeddability** [BV13, DDL+10]. **Embedded** [ADF13, CP05]. **Embedding** [ADF13, BFMFP+14, DL07, EBGK+07]. **Embeddings** [KK05]. **Empty** [DBHM+03, FSS+97, KS13, MR03]. **Enclosed** [MGD15]. **Enclosing** [BMSS11, Cha02, FG04, MNP+00, NN09]. **Enclosure** [BMSN19, GJSD97]. **Energy** [EFKM08]. **Energy-Aware** [EFKM08]. **Engineering** [FPNZ98, TV01]. **Entities** [vKLSW18]. **Enumerating** [Cha01, CR01, IMTI02]. **Enumeration** [Tat23, KNA94]. **Envelopes** [CNTV10]. **Environment** [ABC+15, Bar98, CL93]. **Environments** [DEH+05, LM97]. **Equilateral** [ADD+13]. **Equitable** [BK18]. **Equivalence** [APS00]. **Equivalent** [ÓWW00]. **Errata** [EC15, Sha97a]. **Error** [BYM+18, CMO03, KL10a]. **Error-Prone** [KL10a]. **Estimate** [KLV21]. **Estimating** [CFL15, MNG04, RW11]. **Estimation** [MNP+00]. **Euclidean** [AR19, BC06, CSY97, DN97, DK08, EFS09, ETT08, Gav09b, Gui22, KKS05, dBGR19]. **Euler** [GK20]. **Evaluation** [FPNZ98, KMG+01, MS22, WQS05]. **Evaluations** [DP03]. **Evasion**

[ABC+15, GLL+99]. **Even** [BDH+04]. **Every** [DE12]. **Exact** [AL11, AS01, BG05, BFS01, DD00, ETT08, Gui22, RR00, Tat23]. **Exchangeability** [Sto21]. **Existence** [Löf11]. **Expansive** [HLM99]. **Expected** [ELPZ07]. **Expensive** [KN20]. **Experimental** [DGL+00, LHHHP03]. **Explicit** [Gav09b]. **Extended** [TO21]. **Extending** [DMMH11]. **Extensions** [Ngu12]. **Exterior** [BRD09]. **External** [CFM+01, Nek13]. **External-Memory** [CFM+01]. **Externally** [BMT99]. **Extra** [BM02]. **Extract** [GW04]. **Extracting** [DG03]. **Extraction** [HREK07]. **Extraneous** [HV91]. **Extreme** [Guh05]. **Eye** [NŻ20].

Face [AHO+14, BHLO11, DMMH11]. **Faces** [Res14]. **Facets** [CR01]. **Facility** [BMKS00, BKST00, DK06]. **Factor** [WTX02, WNGK+12]. **Factor-** [WTX02]. **Families** [Fra08]. **Far** [AAMT15]. **Far-Field** [AAMT15]. **Faraway** [LS08]. **Farthest** [BD05, PD13, WZ19]. **Fast** [DN97, DW02, FS08, GMMW19, HH12, MMNM07, MSB19, Nek13, TW06, ZE02]. **Faster** [Epp97, GSW08, dBGR19]. **Fault** [BI22]. **Fault-Tolerant** [BI22]. **Feature** [CCD06, JH04b, RW11]. **Features** [GIPR12, JMM98]. **Fidelity** [Mit00]. **Field** [AAMT15]. **Filling** [GGBK21]. **Finding** [ADS00, AM07, BD05, BDGW10, BG05, CWKC98, CM10, DKMM23, EEM11, FKNN17, FMR05, KZ10, KS13, LYW97, LLCC11, Mit97, Tan02, YCCV17]. **Finite** [CFL15, MHW00]. **Finite-Element** [MHW00]. **First** [KMW00]. **Fitting** [AAK+06, CW12a, Da 11, ULVH10]. **Fixed** [BBL08, CVY11]. **Flashlight** [LSS02]. **Flats** [CHU14, Da 11]. **Flexible** [Sch16]. **Flipping** [GHN+03]. **Flips** [AHO+14]. **Floating** [Gav09b, JS09]. **Floating-Point** [Gav09b, JS09]. **Flooding** [NZ06, SV10]. **Floodlight** [BGL+97]. **Floodlights** [AECSU98, BDBF+14]. **Flow** [DGRS08, GJS03, GRS08, MH00]. **Flow-Complex-Based** [DGRS08]. **Folding** [ADD+13, ABD+18, BDGT13, FOX08]. **Footprints** [EHP18]. **Forest** [kLkHsL+23]. **Forests** [KK05]. **Foreword** [Aga99, AV14, AF98, AC08, AMS97, Asa09, ANO13b, Bar05, Bar13, CHL13, CL09, CO12, CÜ05, DBKU14, Efr08, Fle06, For97, GM06, Gav05, Her01, kHsLtT23, HN11, Hon18, HV12, Kim09, KS16, KS07, LM98, MR05, Mit04, Rok09, Sug03, SK08, Tam03, Ten00, Tok02, Tok10, Tok19, Zha07, Zhu04b, dBS02, dBDE17]. **Form** [APS00, CM11, HREK07, MG98]. **Formed** [Sha99, Sit06]. **Four** [AHO+14]. **FPT** [ECHS11, EC15]. **FPT-Algorithms** [ECHS11]. **FPTAS** [Kir07]. **Frames** [MS03]. **Frameworks** [JJ10, Ngu12, OP10]. **Fréchet** [AKS+12, BBB+10, BK17, GMMW19, Sch16, SVY16]. **Free** [ACCS04, AS08a, CM11, FK18, HREK07, MG98, MSB19, dBLM+19]. **Free-Form** [CM11, HREK07, MG98]. **Friend** [BDE02]. **Fully** [kLkHsL+23, dBLM+19]. **Fully-Dynamic** [dBLM+19]. **Function** [CW12a, Gui22, JJ06]. **Functions** [Aj24, BKST00, Kra20]. **Furthest** [MMR01].

Gabriel [KG14]. **Galleries** [BI21, CJK+06, KM11]. **Gallery** [WK07]. **General** [BCHS07, Emi98, FKNN17, IMTI02]. **Generalization** [Zer12]. **Generalized** [CHL+06, HH12, LOS01, WKG10, Wen02]. **Generalizing** [BV05]. **Generation** [MTT99, Sch00, TW00]. **Generic** [JJ10, Ngu12]. **Geodesic** [AHK+14, BVL11, FKMW22]. **Geodesic-Preserving** [AHK+14]. **Geodesics** [Tat23]. **Geoexploration** [PW01]. **Geometric** [APS00, AMM+98, AHM+06, AGR16, BGK+09, BI22, BFS01, CLLP09, CS06,

CDK01, CHL+04, CSX05, CHL+06, Che10, CFM+01, EHP19, FOX08, GKK+10, GJ21, GW04, Guh05, GJS09, GIPR12, JMMR23, JTNM06, KL10b, KTT02, LSS98, MST13, MTT99, MJ12, Pet98, SOR06, Sha97a, Sha97b, SZP10, TV01, Tou05, TW06, ULVH10, VB05, XYZK10, ZG06, dFdSdF17]. **Geometrical** [SM06]. **Geometry** [AO98, CP05, DO00, ESG98, Goo98, 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, WCLS07, Wu09]. **Geosheet** [LSS98]. **Ghost** [CDD+12]. **Global** [JJ10, Maf14, Ngu12, Yan06]. **Good** [DB92, VR04]. **GPDOF** [TW06]. **Graph** [ACC+12, ABG+09, BMT00, BGT99, DE12, NPR17, ÓWW00, Roy16]. **Graphics** [HHMK14]. **Graphs** [ADD+13, ABG+09, ACW22, ADF13, ABR14, BDJ10, BV13, BEW03, BvR19, BS00, CK97b, DGL+00, DL07, EBGK+07, EHP18, FM99, FK18, Fra08, DDL+10, GKK+10, HH12, JMMR23, JPV21, KL10b, KG14, MHN06, SM00, Tou05, dF18, dFdSdF17, BDD+12, BDH+12]. **Greedily** [NPR17]. **Greedy** [GSZ11]. **Grid** [BFMFP+14, CY17, CK97b, DIL10, EvKSS15, KNA94]. **Grid-Unfolding** [CY17]. **Grids** [EW00]. **Group** [SM06]. **Groups** [vKLSW18]. **Growing** [CM10]. **guarantee** [FMR05]. **Guaranteed** [CMO03]. **Guard** [BRD09, FLMS18, THL98]. **Guarding** [BI21, BNS10, CJK+06, DKK09, KM11]. **Guards** [AMP10, PLC02, Tan99]. **Guest** [Aga99, AV14, AF98, AC08, AMS97, Asa09, ANO13b, Bar05, CHL13, CO12, CÜ05, Efr08, Fle06, GM06, Gav05, Her01, kHsLtT23, HN11, Hon18, HV12, Kim09, KS16, KS07, LM98, MR05, Rok09, Sug03, SK08, Tam03, Ten00, Tok02, 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]. **Hausdorff** [AS08b, BHP01, KS11, Kra20, PL04, PX15]. **Hazard** [Gui22]. **HDBSCAN** [dBGR19]. **Heavy** [AHP08]. **Helly** [CPRS18]. **Helly-Type** [CPRS18]. **Hexahedra** [KV23]. **Hexahedral** [Sch00]. **Hidden** [GMV99]. **Hidden-Surface** [GMV99]. **Hierarchical** [AM07]. **Hierarchy** [Ber04]. **High** [ALS12, HQYD22, HLW13, Mit00, MH00]. **High-Degree** [HLW13]. **Higher** [ABG+09]. **Hinged** [CVG+07]. **Histogram** [FM97]. **Holes** [SM00]. **Homeomorphic** [ACDL02]. **Homeomorphism** [CLRW10, ÓWW00]. **Homologous** [Dey97]. **Homology** [ACW22, CFL15]. **Homothetic** [AK99]. **Homotopic** [CJVW12]. **Homotopy** [SFM07]. **Homotopy-Preserving** [SFM07]. **Horizons** [AEK05]. **Hull** [ACCS04, CWKC98, KPS13, NY98]. **Hulls** [Cha12, Emi98, Pet98, 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** [ACKT01, CWW02, WCLS07]. **Immobilizing** [CVG+07, CSU99]. **Implementation** [AM07, Emi98, FS08, MMNM07, Müc98]. **Implicit** [ESG98, HYSC18]. **Impossibilities** [BHMW11]. **Imprecise** [AKS+12, GLS10, Löf11]. **Improved** [Afs13, Ata99, BM02, BK17, CY17, EvKSS15, GC97, Goo98, KLV21]. **Improvement** [FOG00]. **Improving** [ACH+12, Tou05]. **Inaccurate** [CK97a].

Incidence [MS06]. **Incidences** [Sit06]. **Incongruent** [SU13]. **Incremental** [SI94, THI99]. **Independent** [BDJ10, GJ21]. **Index** [Ano97, Ano98, Ano99, Ano00, Ano01, Ano02, Ano03, Ano04, Ano05, Ano06, Ano07, Ano08, Ano09, Ano10, Ano11, Ano12, Ano13a, Ano14, Ano15, Ano16, Ano17, Ano18, Ano19, Ano20, Ano21, Ano22, Ano23, Van91]. **Indicators** [Ber00]. **Induced** [EHP18]. **Inducing** [SS11]. **Inequality** [AMV13]. **Infimaximal** [MS03]. **Inflating** [BG11a]. **Information** [CK97a, DDE+07, Wis00]. **Inner** [MHN06]. **Input** [AKS+12, EHP19]. **Inscribed** [Gav09a]. **Instance** [Tou05]. **Instance-Based** [Tou05]. **Instances** [BBR09]. **Integer** [DD00, KNA94]. **Intended** [VB05]. **Intensity** [CHW+08, WDBB09]. **Intensity-Modulated** [CHW+08, WDBB09]. **Interconnection** [LYW97]. **Interiors** [Bin02]. **Interpolation** [Hiy08, Pro22]. **Intersecting** [HS02, MGR09]. **Intersection** [BDJ10, BDGT13, CFM+01, DG99, FK18, GJS09, HYSC18, JMMR23, MC91, dFdSdF17]. **Intersections** [CGG+12, ZE02]. **Interval** [LWZ17, MF06, Mit00]. **Interval-Based** [MF06]. **Intervals** [dBLM+19]. **Intervisibility** [MVV07]. **Invariant** [KS11, LD15]. **Invariants** [GW04]. **Inverse** [ZWG06]. **Involving** [BM12]. **Irregularities** [Guh05]. **ISODATA** [MMNM07]. **Isomorphic** [KU99]. **Isomorphism** [ÓWW00]. **Isosceles** [BMSS11]. **Isothetic** [MGR09]. **Iteration** [BM12].

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Label [Gav09a, KT03, ZP01]. **Labeling** [BG14, CLL05, DMM02, KSY+01, KNN+02, SW01, WTX02, ZP01]. **Labels** [KSY+01]. **Laguerre** [HYSC18]. **Laguerre-Intersection** [HYSC18]. **Laplace** [Xu06]. **Large** [DKMM23]. **Largest** [BCD+00, DBHM+03, FSS+97, KS13, MR03, YCCV17]. **Lattice** [Lab08, Poo09]. **Layer** [LYW97]. **Layered** [FM01, Sud04, WCLS07]. **Layout** [EvKSS15]. **Leaf** [CHL+04, CHL+06]. **Leapfrog** [ABC+15]. **Learning** [NN09, Tou05]. **Least** [GSa20]. **Leaving** [KL10a]. **Lebesgue** [BS05]. **Lemmas** [AGR16]. **Length** [BFL21, JJ10, Ngu12]. **Level** [AGM+12, BYM+18, FN05]. **Library** [Gui22]. **Like** [BS12, MS03]. **Likely** [CCMS19, SV16]. **Line** [ACGK17, BS12, BBB+19, BMT99, CLL05, CW12b, CFM+01, DK99, GR10, GR03a, JW24, KMW00, LHHHP03, MGR09, PD13, SS11, WLW01, WZ16, Wis00, CL93]. **Line-Constrained** [WZ16]. **Line-of-Sight** [BBB+19]. **Line-Segment** [PD13]. **Linear** [AGM+12, LWŻ12, WZ20, dFdSdF17]. **Linear-Time** [LWŻ12, WZ20, dFdSdF17]. **Lines** [CDKW05, DL06, LHHHP03, MS03]. **Link** [ADS00, CT97]. **Linked** [DMMH11]. **List** [DMMH11]. **Lists** [DG99]. **Lithographic** [SPPK08]. **Local** [BDM+20, GIPR12, RW11]. **Locally** [KG14]. **Locating** [AMP10, AFN11, CW12b]. **Location** [BMKS00, BKST00, CL17, DG98, DK06, IM12, CT92]. **Locations** [KZ10]. **Locus** [TO21]. **Logarithmic** [KS99]. **Long** [GMMW19]. **Longest** [KLV21]. **Longest-Edge** [KLV21]. **Look** [MS03]. **Low** [LW04, dF18, dBGR19]. **Low-Dimensional** [dBGR19]. **Lower** [Afs13, AHM+06, BS05, BHLL10, BK17, DG16, KPS13, LOS01]. **Luggage** [AHP08].

Machine [Afs13, LDHX20, NN09]. **Machining** [WIEH05]. **Maintaining**

[DDE+07, Jan93]. **Maintenance** [Sha97a, Sha97b]. **Make** [KZ10]. **Making** [MS03]. **Manhattan** [GSZ11]. **Manifolds** [CLR07, Dey97, DMMH11]. **Manipulation** [MST13]. **Manufacturing** [FM01]. **Many** [CM10]. **Map** [CLR07, CLRW10, EvKSS15, KSY+01]. **Mapping** [RS07]. **Mappings** [CMO03]. **Maps** [BCHS07, BS16, BS17, SV15]. **Marginal** [DLOP06]. **Maskless** [SPPK08]. **Matability** [BS08]. **Matching** [AAR97, BK17, CARB15, CHW+08, EvKSS15, JH04b, Sch16]. **Matchings** [BHP16]. **Matrices** [CKMK03]. **Matrix** [WDBB09]. **Matroid** [JJ06]. **MAX** [Wan15]. **Max-Volume** [EHP18]. **Maximal** [AFN11]. **Maximally** [GHH+98]. **Maximize** [MGD15]. **Maximizing** [BRD09, CDG+09, DKS05]. **Maximum** [BDJ10, EH19, Gav09a, JMMR23, KLV21, LWZ17, Mit97, WNGK+12]. **Maze** [KL10a]. **Meaningful** [DG03]. **Means** [FS08, HH08, WZ16]. **Measure** [Ror19, Wil15]. **Measured** [FOG00]. **Measures** [DFL+18, GM99]. **Measuring** [BYM+18]. **Mechanical** [FPNZ98, JMM98]. **Medial** [EMM98, GRS08, SFM07]. **Median** [WZ16]. **Medical** [WCLS07]. **Melzak** [Wen02]. **Memory** [CFM+01, Nek13]. **Mesh** [AGL09, Ber00, CMO03, FOG00, Sch00, TW00]. **Meshes** [AM07, Ber00, BBCK05, JH04a, JH04b, MHW00, RSS+05]. **Meshing** [BE00, CDRR05, MH00, SBBC00]. **Method** [BMT00, CCD06, Goo98, HYSC18, San09, VB05, CT92]. **Methods** [ESG98, FPNZ98, LHHHP03, Tou05]. **Metric** [ACC+12, AHP08, ETT08, KN20, SPPK08, WZ20, Wil15]. **Milling** [ACM01]. **Min** [AAK+06, BHP01, EHP18]. **Min-** [EHP18]. **Min-/Max-Volume** [EHP18]. **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]. **Mitered** [WJA20]. **Mixed** [RS99]. **MMP** [TO21]. **Mobile** [DK06, DK08, GR10, JW24]. **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, WG21, vKLSW18]. **Multi** [AACKM11, FN05, FOX08, GR03b, SM06, WIEH05]. **Multi-Axis** [WIEH05]. **Multi-Directional** [FOX08]. **Multi-Group** [SM06]. **Multi-Level** [FN05]. **Multi-Particle** [GR03b]. **Multicriteria** [GGBK21]. **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]. **No** [kLkHsL+23]. **No-Back-Edge-Traversal** [kLkHsL+23]. **Noisy** [ACC+12, MNG04, ULVH10]. **Non** [GJS09, Kei97, MTT99, Pap99, Pro22, SOR06, Sto21, TSN97, Tat23, WQS05]. **Non-Cartesian** [SOR06]. **Non-Conjugacy** [Sto21]. **Non-Convex** [Tat23]. **Non-Crossing** [Pap99, TSN97]. **Non-Intersection** [GJS09]. **Non-Piercing** [Kei97]. **Non-Rational** [Pro22]. **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]. **Offsets** [WJA20]. **Omino** [AH19]. **On-Line** [GR10, LHHHP03, CL93]. **One** [LPC00, LHX24]. **One-Pass** [LHX24]. **Onion** [BS12]. **Online** [BBC+02, BDDT17, KS10, LHX24, 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]. **Optimally** [WZ20]. **Optimization** [ACKT01, CS06, GR03b, HQYD22, KTT02, LD15]. **Optimization-Based** [ACKT01]. **Optimized** [GGBK21]. **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, BI21, 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, HQYD22]. **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, BFL21, Sch16]. **Particle** [GR03b]. **Partition** [AGLN03, CM11, MS99]. **Partitioning** [DP02, GHH+98, NPR17, VR04, Van91]. **Partitions** [DK12, DD00, DKK09, KK05, MS14]. **Parts** [DP02]. **Pass** [LHX24]. **patches** [BXHN03]. **Path** [CCK+06, CDK01, CM10, CT97, DN18, GGBK21, HLM99, HZX24, WIEH05]. **Paths** [ACH+12, AL11, AC01, BL03, CM10, CJVW12, CSY97, DL07, DR20, GBRT13, KSN99, LYW97, Pap99, TSN97, WZ20, WNGK+12]. **Pathwidth** [Sud04]. **Patterns** [BBG+11]. **Peeling** [CLX03]. **Permutations** [ABD+11]. **Persistent** [ACW22, 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, Yan23, YLL18]. **Planes** [Rab05, Vig12]. **Planning** [Cho99, GR10, GGBK21, 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, DKMM23, EBGK+07, EGS08, EvKSS15, FMHT14, Gav09b, DDL+10, GKS99, Gui22, 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, BI22, BM12, BK18, BDGT13, CDKW05, CDWK01, CLL05, Col04, Da 11, DP03, DGRS08, DK06, EC15, FKNN17, GJS03, JW24, 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, BHLM03, 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]. **Polygones** [Gui22]. **Polygons** [AECSU98, AT18, ABD+11, AMP10, AFN11, BS08, BBB+19, BG05, BHLO11, BV05, CVG+07, CNTV10, CT97, DL06, DH13, DR20, HS02, IST20, Kei97, KS02, KSS02, LR00, MHW00, Nar99, NPR17, Poo09, SS11, Sha01, SM00, Tan99, Tan02, TWC06, THL98, WJA20, Żak10]. **Polygons/Trees** [Poo09]. **Polyhedra** [AH11, BHLO11, BG11b, Bin02, BV05, CY17, CDRR05, Guh05, Vig12, Zhu97].

Polyhedral [BSC00, Bar98, GHH+98, GK20, TMPD97, dBHOvK97, TMPD95]. **Polyhedron** [Res14, TO21, Tat23, WLW01]. **Polyline** [AAK+06]. **Polylines** [Ber05, Bes02]. **Polymatroid** [KTT02]. **Polynomial** [BGK+09, BL03, KYZ14, SV01]. **Polynomial-Time** [BGK+09, BL03, KYZ14]. **Polynomials** [Pro22]. **Polyominoes** [ABD+18, AB09, Yan23]. **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]. **Predicate** [MS22]. **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]. **Printing** [GGBK21]. **Prisms** [KV23]. **Probabilistic** [BDIZ03, Gui22]. **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, HZX24, LWŻ12, iN23, 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** [JPV21, LSB04]. **Products** [JMM98]. **Programming** [Bar98, DD00, KNA94]. **Projection** [ACFV10, HQYD22]. **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]. **Quadtrees** [BET99, EGS08]. **Quality** [BET99, Ber00, CDRR05, MH00]. **Quantile** [MNP+00]. **Queries** [CEK+07, CVY11, CT97, GJS09, kLkHsL+23]. **Query** [CDK01, KS13, MMS97]. **Query-Sensitive** [MMS97].

Radial [ACK+16, AKM+17]. **Radiation** [CHL+04, CHL+06, CHW+08, WDBB09]. **Radius** [WZ20]. **Random** [Gui22, HQYD22]. **Randomization** [Dev92]. **Randomized** [CFM+01, MS22]. **Range** [Afs13, BMSN19, FN05, FPNZ98, KS05, kLkHsL+23, MJ12, Nek13]. **Ranges** [FN05]. **Rank** [JJ06]. **Ratio** [Wu09]. **Rational** [GW04, HREK07, Pro22, WJG97]. **Ratios** [BFL21]. **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, FKMW22, Wis00, DEG+03]. **Recovery** [HQYD22]. **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]. **Representatives** [Sto21]. **Representing** [ALS12]. **Resemblance** [KC97]. **Resilience** [KYZ14]. **Resolving** [Sit06]. **Respect** [dBLM+19]. **Restricted** [AGL09]. **Restrictions** [MH00]. **Resultant** [EFKP13]. **Results** [Ben23, KG14]. **Reverse** [CVY11]. **revised** [Van91]. **Revisited** [CDJ+15, DGN09, GJSD97, PX15]. **Revolution** [WG21]. **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, LDHX20, MNP+00, Müc98, 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, BDM+20, HL97]. **Ruled** [Aj24, WG21]. **Ruler** [GSS23]. **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** [OGB11]. **Sections** [EW00, GW04]. **Seen** [CCMS19]. **Segment** [ADS00, ACGK17, BHP01, BMT99, CGG+12, CFM+01, PD13, Wis00]. **Segmentation** [ACKT01, CWW02, WCLS07]. **Segments** [AAF10, Bes03, BCD+00, DG99, DK12, KMW00, KS99, MS03, MGR09, PL01, WLW01, XLYB04, XYZK10, Zhu04a]. **Seismic** [Gui22]. **Selected** [CP05]. **Selecting** [Cha01]. **Selection** [AGR16, LLCC11, ULVH10]. **Self** [RS11]. **Self-Reconfigurable** [RS11]. **Semi** [Ben23, KK05, MS07a]. **Semi-Algebraic** [MS07a]. **Semi-Balanced** [KK05]. **Semi-Symmetric** [Ben23]. **Sensing** [GIPR12]. **Sensitive** [EFKP13, KMW00, MMS97, NY98]. **Sensors** [JW24, KYZ14]. **Sentinel** [LS08]. **Separability** [AHM+06, AGM+12, HSS05].

Separating [BCD+00, CDKW05, CER97, DEH+05]. **Separation** [CEK+07, Guh05]. **Separator** [FOX08]. **Sequences** [GM99]. **Sequencing** [CHL+04, CHL+06]. **Service** [BMKS00, BGT99]. **Set** [ACK+16, AKM+17, AEK05, BYM+18, BV13, CDJ+15, CW12a, Col04, DDCN13, DR02, DP03, DMM02, DK06, DKMM23, EvKSS15, Gav09a, DDL+10, GKS99, KBA11, MB02, MGR09, MJ12, Sha99, SJ99, WLW01, Yan23, DEG+03, Jan93]. **Sets** [AGM+12, BHP01, BDJ10, BCD+00, BK02, CHU14, CGG+12, DEH+05, DK99, DDE+07, DP02, DKMM23, EBGK+07, ESS11, EGS08, FMHT14, KK05, KU10, Kir07, Kra20, PS19, Ror19, Seg99, YCCV17]. **SFCDecomp** [GGBK21]. **Shallow** [AS08a]. **Shape** [CC06, CSU99, MST13]. **Shaped** [DG13]. **Shapes** [AAR97, KNN+02]. **Sharp** [DW02]. **Shifting** [dFdSdF17]. **Shooting** [Goo98, MMS97]. **Shortcuts** [DN18]. **Shortest** [ACH+12, AL11, ADS00, BMT99, BL03, CCK+06, CJVW12, CT97, CSY97, DR20, KS99, KSN99, Pap99, TSN97, THI99]. **Shuffling** [DG01]. **Sight** [BBB+19]. **Signed** [ABD+11]. **Signs** [CKMK03]. **Similarity** [BBR09, Kir07, Sch16, SVY16]. **Simple** [AT18, ACDL02, BMT99, BG05, BVL11, CK97a, CNTV10, CT97, IST20, KS02, KSS02, Nar99, NPR17, Pap99, THL98, VR04, WTX02, Dev92]. **Simplex** [Afs13]. **Simplices** [CHU14, EEM11]. **Simplicial** [AM07, ALS12, BBCK05, CW12a, EW00, FOG00, LSB04]. **Simplification** [AHK+14, AGL09, CGJS11, CMO03, DLMS13, HH08, SFM07, WR07]. **Simplifying** [ALS12]. **Simplipoly** [CGJS11]. **Simultaneous** [ADF13, DL07, GHN+03]. **Single** [CLL05, CL13, Tat23]. **Single-Source** [CL13, Tat23]. **Site** [MMR01]. **Sites** [HDY07, VO98]. **Size** [BFMFP+14, ELPZ07, RSS+05, RW11, Wil15]. **Sized** [CKMK03]. **Skeleton** [HH12]. **Skeletons** [BHP16, EHP19, WJA20]. **Skew** [AAC+99]. **Skinny** [CCJV17]. **Skip** [EGS08]. **Sliding** [BDP08, CS06, KM11, KSY+01]. **Sliver** [Lab08]. **Slopes** [DG03]. **Small** [AKKS14, CDRR05, EBGK+07, KU99, Mit97, NŻ20]. **Smallest** [AS18, Cha02, DGN09, FG04, NN09]. **Smooth** [CP05, GOG11]. **Smoothing** [GLS10, HH08]. **Smoothness** [CWW02]. **Software** [ZE02]. **Solid** [Goo98, SPP08]. **Solids** [KMG+01, Sha99]. **Solution** [Ber00, FOG00, Gav09b, VB05]. **Solution-Based** [Ber00]. **Solutions** [DD00, HV91, KK10]. **Solvation** [HYSC18]. **Solving** [Yan06]. **Some** [AHM+06, Ben23]. **Sorting** [Che10]. **Source** [CL13, Tat23]. **Space** [BS12, CD03, CSY97, DK12, GGBK21, LHX24, MSB19, Sha97a, Sha97b, Van91, WZ20, WNGK+12]. **Space-Efficient** [CD03, LHX24]. **Space-Filling** [GGBK21]. **Spaces** [Ben23, ES97, HLM99, KN20, Wil15, dBGR19]. **Spanner** [LW04, XYZK10]. **Spanners** [BI22, BSX09, BDD+12, DN97, DG16]. **Spanning** [AACT17, AR19, AGLN03, BvR19, CL13, DGN09, RS99, WLW01]. **Sparse** [DN97, dBHOvK97]. **Spatial** [Yan06]. **Special** [BV05]. **Specification** [SOR06]. **Specified** [DMM02, FR98]. **Specified-Precision** [FR98]. **Sphere** [AS01, RS07, Xu06]. **Spheres** [Gav09b]. **Spherical** [HS02, KS10, Xu06]. **Spiralling** [KMW00]. **splines** [BXHN03]. **Spread** [Wil15]. **Square** [BFMFP+14, BHMW11, Kan97b]. **Square-Tiling** [BHMW11]. **Squares** [MGD15]. **Stabbing** [CHU14]. **Stability** [BDG13, BDG14, DK06, For95]. **Stable** [EMM98, Hiy08]. **Stabs** [KMW00]. **Stage** [EFKM08]. **Star** [LWŻ12]. **Static** [CHL+04, DBGV06, IM12]. **Statistical** [MNP+00]. **Steiner** [AAF10, BZ14, DK06, GC97, KU99, MHS07, Wen02]. **Step**

[CW12a]. **stereolithography** [FM97]. **Stoker** [BG11b]. **Stone** [CEK+07]. **Storage** [BM02]. **Straight** [BHP16, EHP19, GR03a, HH12, Tan99]. **Straight-Line** [GR03a]. **Straight-Skeleton** [HH12]. **Strange** [MF06]. **Strategy** [ABC+15, MMG01]. **Streaming** [AKKS14, Che10]. **Streams** [FIS08]. **Streets** [LOS01]. **Stretch** [WNGK+12]. **Strong** [ACFV10, FW03]. **Strongly** [AACT17, BG14, CDWK01]. **Structural** [ABG+09, AAH+11]. **Structure** [ALS12, FG04]. **Structures** [CW12a, EGS08, KL10b, LSB04]. **Study** [DGL+00, LHHHP03, TV01]. **Sub** [BYM+18]. **Sub-Level** [BYM+18]. **Subdivision** [BM02, BK18, LD15, ZWG06]. **Subdivisions** [BBC+02, BDM+20, CL17, KU10]. **Subgraph** [AACT17]. **Subgraphs** [JMMR23]. **Sublinear** [AMV13]. **Subsets** [DKMM23]. **Subspaces** [FKMW22]. **Subtrajectories** [BBG+11]. **Successive** [CMO03]. **Sum** [AACKM11, Als97, AAK+06, BBR09, DLOP06, LLCC11, MS10, WZ19, BHP01]. **SUM-Hard** [BHP01]. **Sums** [KV23, MS07b]. **Superhull** [CDWK01]. **Superimposing** [CC06]. **Support** [LDHX20]. **Surface** [Aj24, ACDL02, CM11, DGRS08, GMV99, HV91, JH04a, JH04b, MC91, MNG04, MH00, WCLS07]. **Surfaces** [CP05, CLRW10, GOG11, Rab05, RS07, SYI00, WQS05, WG21]. **Surveillance** [BDBF+14]. **Survey** [JTNM06]. **SVM** [LHX24]. **Sweep** [BSC00]. **Swept** [BSC99, BSC00]. **Symmetric** [AACT17, Ben23]. **Symmetry** [GJS03, OP10]. **System** [GR03b, KMG+01, SM06, VB05, Yan06]. **Systems** [JTNM06, Sit06, SZP10, TW06].

Tangent [Rab05]. **Technique** [MS03]. **Techniques** [CR01, FOG00, MH00]. **Template** [MH00]. **Ten** [Yan23]. **Terrain** [AEK05, DG03, FM01, HLM+14, TMPD97, FMR05, TMPD95]. **Terrains** [GLS10, MVV07]. **Tessellation** [BS12, DNW+09]. **Testing** [ABR14, BK02, CPRS18]. **Tethered** [HL97]. **Tethered-Robot** [HL97]. **Tetrahedra** [CCJV17, LD15]. **Tetrahedral** [Ber00]. **Tetrahedralization** [MMG01]. **Tetrahedralizations** [GOG11]. **Tetris** [BDH+04]. **Their** [AT18, BK07, CEK+07, EHP19, Kra20, Cho99]. **Theorem** [BG11b, Zer12]. **Theorems** [CPRS18]. **Theoretic** [ABG+09]. **Theory** [RS99, TW00]. **Therapy** [CHL+04, CHL+06, CHW+08, WDBB09]. **Thickness** [CW12a]. **Things** [NŻ20]. **Three** [AS18, BSC00, BMT00, BBCK05, Cha12, DB92, EEM11, HDY07, Kir07, Müc98, SU13]. **Three-Dimensional** [AS18, BSC00, Kir07, Müc98]. **Three-Phase** [BMT00]. **Throwing** [CEK+07]. **Tightening** [WR07]. **Tiles** [Nab21]. **Tiling** [BHMW11, Yan23]. **Tilings** [AH19, Wan09]. **Time** [AMV13, BBR09, BGK+09, BL03, KMW00, KS02, KS99, KYZ14, LWŻ12, WZ20, dFdSdF17]. **Tolerance** [DMOW98, HH08]. **Tolerant** [BI22, MS14]. **Tool** [ACM01, GGBK21, LSS98]. **Top** [Wan15, WZ19]. **Top-** [Wan15, WZ19]. **Topics** [CP05]. **Topological** [APS00, BSC00, CCD06, CLX03, ES97]. **Topology** [BYM+18, CP05, DNW+09, HHMK14, JH04b, SBBC00, SI94]. **Topology-Guided** [DNW+09]. **Topology-Oriented** [SI94]. **Topology-Preserving** [HHMK14]. **Tours** [ECHS11, EC15, Löf11]. **Tracing** [MF06]. **Transfinite** [Pro22]. **Transform** [EMM98]. **Transformation** [GK20, IM12]. **Translates** [CER97]. **Translation** [BGT99, KS11]. **Translational** [BSC99, BHP01]. **Translations** [KC97]. **Transportation**

[BC06, CLLP09]. **trapezoid** [CT92]. **Traveling** [EFS09, XLYB04]. **Traversal** [BM02, kLkHsL+23]. **Tree** [AR19, BZ14, Goo98, Sha01, Van91, Wen02]. **Trees** [AGLN03, AMM+98, AGM+12, BFL21, CM10, CL13, EHP19, Fra08, GC97, GR03a, HLW13, MHS07, Poo09, RS99, Sud04, WNGK+12]. **Triangle** [AMV13]. **Triangles** [AK99, BMSS11]. **Triangular** [Ber00, Rab05]. **Triangulated** [NPR17]. **Triangulating** [ES97]. **Triangulation** [ACH+12, BBL08, BDE02, BS16, BS17, DN18, Epp97, GJ21, HSKK98, Mit97, NZ06, SYI00]. **Triangulations** [AHO+14, AAH+15, ADM11, AAF10, BET99, BDG13, BSX09, BDDT17, Dev02, DB92, ESS11, GHN+03, IMTI02, KU99, Müc98, Nar99, Xu06, For95]. **Truchet** [Nab21]. **Truck** [EFK+07]. **TSP** [DLOP06]. **Tubularity** [CWW02]. **Turns** [Col04, Jia15]. **Tverberg** [MS14]. **Twist** [EFK+07]. **Two** [Als97, BG05, BBCK05, BCD+00, BNS10, CDG+09, CD03, CT97, EEM11, KS05, KK05, KU10, KBA11, Kra20, LYW97, MGD15, MS10, PLC02, Tan02, TWC06, THL98, Wan09, WTX02, ZP01]. **Two-Circle** [WTX02]. **Two-Dimensional** [CD03, KS05]. **Two-Guard** [THL98]. **Two-Label** [ZP01]. **Two-Layer** [LYW97]. **Type** [CPRS18]. **Types** [ACK+16, AKM+17, Wan09].

Unanchored [Kan97b]. **Uncertain** [JS09, WZ18]. **Uncertainties** [GJ21, MJ12]. **Uncertainty** [CvO01]. **Under-Constrained** [TW06, ZG06]. **Unfolding** [CY17, DIL10, Poo09]. **Unguarded** [Bin02]. **Unified** [BMT00, KT03]. **Uniform** [BZ14, MTT99, WQS05]. **Uniformly** [Gui22]. **Unions** [CDG+09]. **Unique** [ACS18]. **Unistable** [Res14]. **Unit** [CDJ+15, DFLON12, DDCN13, GSa20, dFdSdF17]. **Universal** [BS05, FLMS18, KPS13]. **Unknown** [KL10a, CL93]. **Unstable** [GRS08]. **Unstructured** [TW00]. **Updates** [DG99, Nek13]. **Upper** [DHT15]. **Upward** [Fra08]. **Using** [AGL09, BFS01, CWW08, FS08, GW04, GHH+98, HSKK98, KL10a, MST13, MS22, Pro22, SPP08, GGBK21].

Values [DLOP06]. **Variable** [Gui22]. **Variant** [DDCN13]. **Various** [AGR16, BKST00, KNN+02]. **Vector** [HHMK14, LDHX20]. **Velocity** [DK08]. **Verification** [WIEH05]. **Versions** [DBGV06]. **Vertex** [BI21, BI22, DIL10]. **Vertex-Unfolding** [DIL10]. **Vertices** [Gav09b, Rab05]. **Via** [BDG14, Goo98, DD00, kLkHsL+23, Sch16, SYI00]. **View** [WKG10]. **Viewpoint** [DDE+07]. **Viewpoints** [HLM+14]. **Views** [dBHOvK97]. **Violations** [DR20]. **Virtual** [PW01, SBBC00]. **Visibility** [AMP10, BRD09, BS00, CK97a, Che98, DDE+07, ELPZ07, FM99, FW03, GLL+99, HLM+14, IST20, Kan97a, KMW00, Roy16, SM00, TMPD97, Wis00, TMPD95]. **Visibility-Based** [GLL+99]. **Visible** [BMT99]. **Visual** [Pet98]. **Visualization** [LSS98]. **VLSI** [PL01]. **Volume** [Ano98, Ano03, Ano04, Ano05, Ano06, Ano07, Ano08, Ano09, Ano10, Ano11, Ano12, Ano13a, Ano14, Ano15, Ano16, Ano17, Ano18, Ano19, Ano20, Ano21, Ano22, Ano23, EHP18]. **Volumes** [BSC99, BSC00, GOG11]. **Voronoi** [AAC+99, AGMR98, BC06, BKC09, BS12, BBB+10, BK14, BKL17, CC06, DKS05, DG98, DN18, DBGV06, EH19, ETT08, Gav09b, GJ21, GSW08, HREK07, HDY07, HH08, KS05, KKS05, MMR01, NS09, PL01, PL04, PD13, PX15, SPPK08, Sug92, SI94, SV16, VO98]. **Voronoi-Based** [HH08]. **Voronoi-Like** [BS12].

Walkability [THL98]. **Walkable** [Tan99]. **Walking** [DN18]. **Watchman**

[THI99, WKG10]. **Watermarking** [HHMK14]. **Wavefront** [TO21]. **Weak** [Che98]. **Weakly** [AT18, BMT99]. **Web** [AL01, BGT99]. **Web-Based** [AL01]. **Weight** [BBL08, BDE02, BK18]. **Weight-Equitable** [BK18]. **Weighted** [BI22, BHP16, CJVW12, CCJV17, EHP19, EH19, GJS03, LW04, WZ19]. **Well** [Sha99, Sit06, ZG06]. **Well-Constrained** [ZG06]. **Well-Formed** [Sha99, Sit06]. **Which** [BK07]. **Whose** [Mit97]. **Wide** [BGT99]. **Width** [Cha02, FOX08, SJ99, Jan93]. **Width-Bounded** [FOX08]. **Window** [CCMS19]. **Windows** [CS06]. **Wingspans** [KS99]. **Within** [AFN11]. **Without** [CM10, MH00, BM02]. **Witnesses** [CJK+06]. **Work** [MPW05]. **Workspace** [HL98]. **World** [BGT99]. **Wrapping** [GSS23].

Yao [BDD+12, BvR19]. **yields** [Dev92].

Zone [LHHHP03].

References

Aichholzer:1999:SVD

[AAC+99] O. Aichholzer, F. Aurenhammer, D. Z. Chen, D. T. Lee, and E. Papadopoulou. Skew Voronoi diagrams. *International Journal of Computational Geometry and Applications (IJCGA)*, 9(3):235–??, 1999. CODEN IJCAEV. ISSN 0218-1959.

Abu-Affash:2011:MCP

[AACKM11] A. Karim Abu-Affash, Paz Carmi, Matthew J. Katz, and Gila Morgenstern. Multi cover of a polygon minimizing the sum of areas. *International Journal of Computational Geometry and Applications (IJCGA)*, 21(6):685–698, December 2011. CODEN IJCAEV. ISSN 0218-1959.

Abu-Affash:2017:SCS

[AACT17] A. Karim Abu-Affash, Paz Carmi, and Anat Parush Tzur. Strongly connected spanning subgraph for almost symmetric networks. *International Journal of Computational Geometry and Applications (IJCGA)*, 27 (3):207–219, September 2017. CODEN IJCAEV. ISSN 0218-1959.

Aronov:2010:OTP

[AAF10] Boris Aronov, Tetsuo Asano, and Stefan Funke. Optimal triangulations of points and segments with Steiner points. *International Journal of Computational Geometry and Applications (IJCGA)*, 20(1):89–104, February 2010. CODEN IJCAEV. ISSN 0218-1959.

Aichholzer:2011:CSA

[AAH+11] Oswin Aichholzer, Franz Aurenhammer, Thomas Hackl, Bert Jüttler, Margot Rabl, and Zbynek Šír. Computational and structural advantages of circular boundary representation. *International Journal of Computational Geometry and Applications (IJCGA)*, 21(1):47–69, February 2011. CODEN IJCAEV. ISSN 0218-1959.

Aichholzer:2015:CPT

[AAH+15] Oswin Aichholzer, Franz Aurenhammer, Thomas Hackl, Clemens Huemer, Alexander Pilz, and Birgit Vogtenhuber. 3-colorability of pseudo-triangulations. *International Journal of Computational Geometry and Applications (IJCGA)*, 25(4):283–??, December 2015. CODEN IJCAEV. ISSN 0218-1959.

Aronov:2006:PFP

[AAK+06] Boris Aronov, Tetsuo Asano, Naoki Katoh, Kurt Mehlhorn, and Takeshi Tokuyama. Polyline fitting of planar points under min-sum criteria. *International Journal of Computational Geometry and Applications (IJCGA)*, 16(2–3):97–??, June 2006. CODEN IJCAEV. ISSN 0218-1959.

Andre:2015:FFR

[AAMT15] Julien André, Dominique Attali, Quentin Mérigot, and Boris Thibert. Far-field reflector problem under design constraints. *International Journal of Computational Geometry and Applications (IJCGA)*, 25 (2):??, June 2015. CODEN IJCAEV. ISSN 0218-1959.

Aichholzer:1997:MSR

[AAR97] Oswin Aichholzer, Helmut Alt, and Günter Rote. Matching shapes with a reference point. *International Journal of Computational Geometry and Applications (IJCGA)*, 7(4):349–??, August 1997. CODEN IJCAEV. ISSN 0218-1959.

Aleksandrowicz:2009:CDD

[AB09] Gadi Aleksandrowicz and Gill Barequet. Counting d-dimensional polycubes and nonrectangular planar polyominoes. *International Journal of Computational Geometry and Applications (IJCGA)*, 19(3):215–229, June 2009. CODEN IJCAEV. ISSN 0218-1959.

Ames:2015:LSP

[ABC+15] Brendan Ames, Andrew Beveridge, Rosalie Carlson, Claire Djang, Volkan Isler, Stephen Ragain, and Maxray Savage. A leapfrog strategy for pursuit-evasion in a polygonal environment. *International Journal of Computational Geometry and Applications (IJCGA)*, 25 (2):??, June 2015. CODEN IJCAEV. ISSN 0218-1959.

Aloupis:2011:CSP

[ABD+11] Greg Aloupis, Prosenjit Bose, Erik D. Demaine, Stefan Langerman, Henk Meijer, Mark Overmars, and Godfried T. Toussaint. Computing signed permutations of polygons. *International Journal of Computational Geometry and Applications (IJCGA)*, 21(1):87–100, February 2011. CODEN IJCAEV. ISSN 0218-1959.

Aichholzer:2018:FPP

[ABD+18] Oswin Aichholzer, Michael Biro, Erik D. Demaine, Martin L. Demaine, David Epp-

stein, Sándor P. Fekete, Adam Hesterberg, Irina Kostitsyna, and Christiane Schmidt. Folding polyominoes into (poly)cubes. *International Journal of Computational Geometry and Applications (IJCGA)*, 28(3):??, September 2018. CODEN IJCAEV. ISSN 0218-1959.

Abellanas:2009:SGT

[ABG+09] Manuel Abellanas, Prosenjit Bose, Jesús García, Ferran Hurtado, Carlos M. Nicolás, and Pedro Ramos. On structural and graph theoretic properties of higher order Delaunay graphs. *International Journal of Computational Geometry and Applications (IJCGA)*, 19(6):595–615, December 2009. CODEN IJCAEV. ISSN 0218-1959.

Angelini:2014:TMD

[ABR14] Patrizio Angelini, Thomas Bläsius, and Ignaz Rutter. Testing mutual duality of planar graphs. *International Journal of Computational Geometry and Applications (IJCGA)*, 24(4):325–??, December 2014. CODEN IJCAEV. ISSN 0218-1959.

Atallah:2001:CRB

[AC01] Mikhail J. Atallah and Danny Z. Chen. On connecting red and blue rectilinear polygonal obstacles with nonintersecting monotone rectilinear paths. *International Journal of Computational Geometry and Applications (IJCGA)*, 11(4):373–400, 2001. CODEN IJCAEV. ISSN 0218-1959.

Amenta:2008:GEF

[AC08] Nina Amenta and Otfried Cheong. Guest Editors' foreword. *International Journal of Computational Geometry and Applications (IJCGA)*, 18(6): 507–508, December 2008. CODEN IJCAEV. ISSN 0218-1959.

Aanjaneya:2012:MGR

[ACC+12] Mridul Aanjaneya, Frederic Chazal, Daniel Chen, Marc Glisse, Leonidas Guibas, and Dmitriy Morozov. Metric graph reconstruction from noisy data. *International Journal of Computational Geometry and Applications (IJCGA)*, 22(4):305–??, August 2012. CODEN IJCAEV. ISSN 0218-1959.

Ahn:2004:RFH

[ACCS04] Hee-Kap Ahn, Siu-Wing Cheng, Otfried Cheong, and Jack Snoeyink. The reflex-free hull. *International Journal of Computational Geometry and Applications (IJCGA)*, 14(6):453–??, December 2004. CODEN IJCAEV. ISSN 0218-1959.

Amenta:2002:SAH

[ACDL02] Nina Amenta, Sunghee Choi, Tamal K. Dey, and Naveen Leekha. A simple algorithm for homeomorphic surface reconstruction. *International Journal of Computational Geometry and Applications (IJCGA)*,

12(1–2):125–??, 2002. CODEN IJCAEV. ISSN 0218-1959.

Anghinolfi:2010:CPR

[ACFV10] Andrea Anghinolfi, Luca Costa, Massimo Ferri, and Enrico Viarani. A covering projection for robot navigation under strong anisotropy. *International Journal of Computational Geometry and Applications (IJCGA)*, 20(5):511–525, October 2010. CODEN IJCAEV. ISSN 0218-1959.

Alt:2017:MCC

[ACGK17] Helmut Alt, Sergio Cabello, Panos Giannopoulos, and Christian Knauer. Minimum cell connection in line segment arrangements. *International Journal of Computational Geometry and Applications (IJCGA)*, 27(3):159–176, September 2017. CODEN IJCAEV. ISSN 0218-1959.

Abellanas:2012:ISP

[ACH+12] Manuel Abellanas, Mercè Claverol, Gregorio Hernández, Ferran Hurtado, Vera Sacristán, Maria Saumell, and Rodrigo I. Silveira. Improving shortest paths in the Delaunay triangulation. *International Journal of Computational Geometry and Applications (IJCGA)*, 22(6):559–??, December 2012. CODEN IJCAEV. ISSN 0218-1959.

Aichholzer:2016:RPS

[ACK+16] Oswin Aichholzer, Jean Cardinal, Vincent Kusters, Stefan Langerman, and Pavel Valtr. Reconstructing point set order types from radial orderings. *International Journal of Computational Geometry and Applications (IJCGA)*, 26(3–4): 167–184, September/December 2016. CODEN IJCAEV. ISSN 0218-1959.

Asano:2001:EAO

[ACKT01] Tetsuo Asano, Danny Z. Chen, Naoki Katoh, and T. Tokuyama. Efficient algorithms for optimization-based image segmentation. *International Journal of Computational Geometry and Applications (IJCGA)*, 11(2):145–166, 2001. CODEN IJCAEV. ISSN 0218-1959.

Arya:2001:AAM

[ACM01] Sunil Arya, Siu-Wing Cheng, and David M. Mount. Approximation algorithm for multiple-tool milling. *International Journal of Computational Geometry and Applications (IJCGA)*, 11(3):339–372, 2001. CODEN IJCAEV. ISSN 0218-1959.

Aschner:2018:UCR

[ACS18] Rom Aschner, Paz Carmi, and Yael Stein. Unique coverage with rectangular regions. *International Journal of Computational Geometry and Applications (IJCGA)*, 28(4):341–363, December 2018. ISSN 0218-1959. URL `https://www.worldscientific.com/doi/10.1142/S0218195918500103`.

Adams:2022:PHC

[ACW22] Henry Adams, Sophia Coldren, and Sean Willmot. The persistent homology of cyclic graphs. *International Journal of Computational Geometry and Applications (IJCGA)*, 32(1–2):1–37, March–June 2022. CODEN IJCAEV. ISSN 0218-1959. URL `https://www.worldscientific.com/doi/10.1142/S0218195922500042`.

Abel:2013:FEP

[ADD+13] Zachary Abel, Erik D. Demaine, Martin L. Demaine, Sarah Eisenstat, Jayson Lynch, Tao B. Schardl, and Isaac Shapiro-Ellowitz. Folding equilateral plane graphs. *International Journal of Computational Geometry and Applications (IJCGA)*, 23(2):75–??, April 2013. CODEN IJCAEV. ISSN 0218-1959.

Angelini:2013:SEE

[ADF13] Patrizio Angelini, Giuseppe Di Battista, and Fabrizio Frati. Simultaneous embedding of embedded planar graphs. *International Journal of Computational Geometry and Applications (IJCGA)*, 23(2):93–??, April 2013. CODEN IJCAEV. ISSN 0218-1959.

Aleardi:2011:CBR

[ADM11] Luca Castelli Aleardi, Olivier Devillers, and Abdelkrim Mebarki. Catalog-based representation of 2D triangulations. *International Journal of Computational Geometry and Applications (IJCGA)*, 21(4):393–402, August 2011. CODEN IJCAEV. ISSN 0218-1959.

Aleksandrov:2000:AFS

[ADS00] L. G. Aleksandrov, H. N. Djidjev, and J.-R. Sack. An $O(n \log n)$ algorithm for finding a shortest central link segment. *International Journal of Computational Geometry and Applications (IJCGA)*, 10(2):157–??, 2000. CODEN IJCAEV. ISSN 0218-1959.

Abello:1998:IOP

[AECSU98] James Abello, Vladimir Estivill-Castro, Thomas Shermer, and Jorge Urrutia. Illumination of orthogonal polygons with orthogonal floodlights. *International Journal of Computational Geometry and Applications (IJCGA)*, 8(1):25–??, February 1998. CODEN IJCAEV. ISSN 0218-1959.

Archambault:2005:CSA

[AEK05] Daniel Archambault, Willam Evans, and David Kirkpatrick. Computing the set of all the distant horizons of a terrain. *International Journal of Computational Geometry and Applications (IJCGA)*, 15(6):547–??, December 2005. CODEN IJCAEV. ISSN 0218-1959.

Amenta:1998:GEF

[AF98] Nina Amenta and Steven Fortune. Guest Editors' foreword. *International Journal of Computational Geometry and Appli-*

cations (IJCGA), 8(2):117–??, April 1998. CODEN IJCAEV. ISSN 0218-1959.

Ahn:2010:DOE

[AFK+10] Hee-Kap Ahn, Mohammad Farshi, Christian Knauer, Michiel Smid, and Yajun Wang. Dilation-optimal edge deletion in polygonal cycles. *International Journal of Computational Geometry and Applications (IJCGA)*, 20(1):69–87, February 2010. CODEN IJCAEV. ISSN 0218-1959.

Aota:2011:AAL

[AFN11] Hirofumi Aota, Takuro Fukunaga, and Hiroshi Nagamochi. An approximation algorithm for locating maximal disks within convex polygons. *International Journal of Computational Geometry and Applications (IJCGA)*, 21(6):661–684, December 2011. CODEN IJCAEV. ISSN 0218-1959.

Afshani:2013:IPM

[Afs13] Peyman Afshani. Improved pointer machine and I/O lower bounds for simplex range reporting and related problems. *International Journal of Computational Geometry and Applications (IJCGA)*, 23(4–5):233–??, 2013. CODEN IJCAEV. ISSN 0218-1959.

Agarwal:1999:GEF

[Aga99] Pankaj K. Agarwal. Guest Editor's foreword. *International Journal of Computational Geometry and Applications (IJCGA)*, 9(4–5):325–??, 1999. CODEN IJCAEV. ISSN 0218-1959.

Andersson:2009:RMS

[AGL09] Mattias Andersson, Joachim Gudmundsson, and Christos Levcopoulos. Restricted mesh simplification using edge contractions. *International Journal of Computational Geometry and Applications (IJCGA)*, 19 (3):247–265, June 2009. CODEN IJCAEV. ISSN 0218-1959.

Andersson:2003:BPM

[AGLN03] Mattias Andersson, Joachim Gudmundsson, Christos Levcopoulos, and Giri Narasimhan. Balanced partition of minimum spanning trees. *International Journal of Computational Geometry and Applications (IJCGA)*, 13(4):303–??, August 2003. CODEN IJCAEV. ISSN 0218-1959.

Arkin:2012:SPS

[AGM+12] Esther M. Arkin, Delia Garijo, Alberto Márquez, Joseph S. B. Mitchell, and Carlos Seara. Separability of point sets by k-level linear classification trees. *International Journal of Computational Geometry and Applications (IJCGA)*, 22(2):143–??, April 2012. CODEN IJCAEV. ISSN 0218-1959.

Albers:1998:VDM

[AGMR98] Gerhard Albers, Leonidas J. Guibas, Joseph S. B. Mitchell,

and Thomas Roos. Voronoi diagrams of moving points. *International Journal of Computational Geometry and Applications (IJCGA)*, 8(3):365–??, June 1998. CODEN IJCAEV. ISSN 0218-1959.

Ashok:2016:SLV

[AGR16] Pradeesha Ashok, Sathish Govindarajan, and Ninad Rajgopal. Selection lemmas for various geometric objects. *International Journal of Computational Geometry and Applications (IJCGA)*, 26(2):67–??, June 2016. CODEN IJCAEV. ISSN 0218-1959.

Alam:2011:CNP

[AH11] Md. Ashraful Alam and Masud Hasan. Computing nice projections of convex polyhedra. *International Journal of Computational Geometry and Applications (IJCGA)*, 21(1):71–85, February 2011. CODEN IJCAEV. ISSN 0218-1959.

Amano:2019:NPT

[AH19] Kazuyuki Amano and Yoshinobu Haruyama. On the number of p4-tilings by an n-omino. *International Journal of Computational Geometry and Applications (IJCGA)*, 29(1):3–19, March 2019. ISSN 0218-1959. URL `https://www.worldscientific.com/doi/10.1142/S0218195919400016`.

Aichholzer:2014:GPP

[AHK+14] Oswin Aichholzer, Thomas Hackl, Matias Korman, Alexander Pilz, and Birgit Vogtenhuber. Geodesic-preserving polygon simplification. *International Journal of Computational Geometry and Applications (IJCGA)*, 24(4):307–??, December 2014. CODEN IJCAEV. ISSN 0218-1959.

Arkin:2006:SLB

[AHM+06] Esther M. Arkin, Ferran Hurtado, Joseph S. B. Mitchell, Carlos Seara, and Steven S. Skiena. Some lower bounds on geometric separability problems. *International Journal of Computational Geometry and Applications (IJCGA)*, 16(1):1–??, February 2006. CODEN IJCAEV. ISSN 0218-1959.

Aichholzer:2014:FCP

[AHO+14] Oswin Aichholzer, Thomas Hackl, David Orden, Alexander Pilz, Maria Saumell, and Birgit Vogtenhuber. Flips in combinatorial pointed pseudotriangulations with face degree at most four. *International Journal of Computational Geometry and Applications (IJCGA)*, 24(3):197–??, September 2014. CODEN IJCAEV. ISSN 0218-1959.

Abellanas:2008:HLM

[AHP08] Manuel Abellanas, Ferran Hurtado, and Belén Palop. The heavy luggage metric. *International Journal of Computational Geometry and Applications (IJCGA)*, 18(4):295–306, August 2008. CODEN IJCAEV. ISSN 0218-1959.

Al-jedani:2024:CFR

[Aj24] Awatif Al-jedani. On the curvature functions of ruled surface. *International Journal of Computational Geometry and Applications (IJCGA)*, 34(1–2): 25–41, March–June 2024. ISSN 0218-1959. URL `https://www.worldscientific.com/doi/10.1142/S021819592450002X`.

Assa:1999:PDB

[AK99] E. Assa and M. J. Katz. 3-piercing of d-dimensional boxes and homothetic triangles. *International Journal of Computational Geometry and Applications (IJCGA)*, 9(3):249–??, 1999. CODEN IJCAEV. ISSN 0218-1959.

Ahn:2014:CCS

[AKKS14] Hee-Kap Ahn, Hyo-Sil Kim, Sang-Sub Kim, and Wanbin Son. Computing k centers over streaming data for small k. *International Journal of Computational Geometry and Applications (IJCGA)*, 24(2):107–??, June 2014. CODEN IJCAEV. ISSN 0218-1959.

Aichholzer:2017:OAR

[AKM+17] Oswin Aichholzer, Vincent Kusters, Wolfgang Mulzer, Alexander Pilz, and Manuel Wettstein. An optimal algorithm for reconstructing point set order types from radial orderings. *International Journal of Computational Geometry and Applications (IJCGA)*, 27 (1–2):57–83, March/June 2017. CODEN IJCAEV. ISSN 0218-1959.

Ahn:2012:CDF

[AKS+12] Hee-Kap Ahn, Christian Knauer, Marc Scherfenberg, Lena Schlipf, and Antoine Vigneron. Computing the discrete Fréchet distance with imprecise input. *International Journal of Computational Geometry and Applications (IJCGA)*, 22(1):27–??, February 2012. CODEN IJCAEV. ISSN 0218-1959.

Aoki:2001:TWB

[AL01] Kiyoko F. Aoki and D. T. Lee. Towards Web-based computing. *International Journal of Computational Geometry and Applications (IJCGA)*, 11 (1):71–104, 2001. CODEN IJCAEV. ISSN 0218-1959.

Ahmed:2011:SDP

[AL11] Mustaq Ahmed and Anna Lubiw. Shortest descending paths: Towards an exact algorithm. *International Journal of Computational Geometry and Applications (IJCGA)*, 21(4):431–466, August 2011. CODEN IJCAEV. ISSN 0218-1959.

Alsuwaiyel:1997:TAS

[Als97] Muhammad H. Alsuwaiyel. Two algorithms for the sum of diameters problem and a related problem. *International Journal of Computational Geometry and Applications (IJCGA)*, 7(5):493–??, October 1997. CODEN IJCAEV. ISSN 0218-1959.

Attali:2012:EDS

[ALS12] Dominique Attali, André Lieutier, and David Salinas. Efficient data structure for representing and simplifying simplicial complexes in high dimensions. *International Journal of Computational Geometry and Applications (IJCGA)*, 22 (4):279–??, August 2012. CODEN IJCAEV. ISSN 0218-1959.

Atalay:2007:PIH

[AM07] F. Betul Atalay and David M. Mount. Pointerless implementation of hierarchical simplicial meshes and efficient neighbor finding in arbitrary dimensions. *International Journal of Computational Geometry and Applications (IJCGA)*, 17(6):595–631, December 2007. CODEN IJCAEV. ISSN 0218-1959.

Arkin:1998:DTG

[AMM+98] Esther M. Arkin, Henk Meijer, Joseph S. B. Mitchell, David Rappaport, and Steven S. Skiena. Decision trees for geometric models. *International Journal of Computational Geometry and Applications (IJCGA)*, 8(3):343–??, June 1998. CODEN IJCAEV. ISSN 0218-1959.

Amit:2010:LGV

[AMP10] Yoav Amit, Joseph S. B. Mitchell, and Eli Packer. Locating guards for visibility coverage of polygons. *International Journal of Computational Geometry and Applications (IJCGA)*, 20(5):601–630, October 2010. CODEN IJCAEV. ISSN 0218-1959.

Arkin:1997:GEF

[AMS97] Esther M. Arkinn, Joseph S. B. Mitchell, and Steven S. Skiena. Guest Editors' foreword. *International Journal of Computational Geometry and Applications (IJCGA)*, 7(1–2):1–??, February–April 1997. CODEN IJCAEV. ISSN 0218-1959.

Abdullah:2013:ABN

[AMV13] Amirali Abdullah, John Moeller, and Suresh Venkatasubramanian. Approximate Bregman near neighbors in sublinear time: Beyond the triangle inequality. *International Journal of Computational Geometry and Applications (IJCGA)*, 23(4–5):253–??, 2013. CODEN IJCAEV. ISSN 0218-1959.

Anonymous:1997:AI

[Ano97] Anonymous. Author index. *International Journal of Computational Geometry and Applications (IJCGA)*, 7(6):621–??, December 1997. CODEN IJCAEV. ISSN 0218-1959.

Anonymous:1998:AIV

[Ano98] Anonymous. Author index volume 8 (1998). *International Journal of Computational Geometry and Applications (IJCGA)*, 8(5–6):643–??, October–December 1998. CODEN IJCAEV. ISSN 0218-1959.

Anonymous:1999:AI

[Ano99] Anonymous. Author index. *International Journal of Computational Geometry and Applications (IJCGA)*, 9(6):619–??, 1999. CODEN IJCAEV. ISSN 0218-1959.

Anonymous:2000:AI

[Ano00] Anonymous. Author index. *International Journal of Computational Geometry and Applications (IJCGA)*, 10(6):653–??, 2000. CODEN IJCAEV. ISSN 0218-1959.

Anonymous:2001:AI

[Ano01] Anonymous. Author index. *International Journal of Computational Geometry and Applications (IJCGA)*, 11(6):683–??, 2001. CODEN IJCAEV. ISSN 0218-1959.

Anonymous:2002:AI

[Ano02] Anonymous. Author index. *International Journal of Computational Geometry and Applications (IJCGA)*, 12(6):529–??, 2002. CODEN IJCAEV. ISSN 0218-1959.

Anonymous:2003:AIV

[Ano03] Anonymous. Author index volume 13 (2003). *International Journal of Computational Geometry and Applications (IJCGA)*, 13(6):507–??, December 2003. CODEN IJCAEV. ISSN 0218-1959.

Anonymous:2004:AIV

[Ano04] Anonymous. Author index volume 14 (2004). *International Journal of Computational Geometry and Applications (IJCGA)*, 14(6):479–??, December 2004. CODEN IJCAEV. ISSN 0218-1959.

Anonymous:2005:AIV

[Ano05] Anonymous. Author index volume 15 (2005). *International Journal of Computational Geometry and Applications (IJCGA)*, 15(6):631–??, December 2005. CODEN IJCAEV. ISSN 0218-1959.

Anonymous:2006:AIV

[Ano06] Anonymous. Author index volume 16 (2006). *International Journal of Computational Geometry and Applications (IJCGA)*, 16(5–6):617–??, December 2006. CODEN IJCAEV. ISSN 0218-1959.

Anonymous:2007:AIV

[Ano07] Anonymous. Author index volume 17 (2007). *International Journal of Computational Geometry and Applications (IJCGA)*, 17(6):633–635, December 2007. CODEN IJCAEV. ISSN 0218-1959.

Anonymous:2008:AIV

[Ano08] Anonymous. Author index volume 18 (2008). *International Journal of Computational Geometry and Applications (IJCGA)*, 18(6):627–629, December 2008. CODEN IJCAEV. ISSN 0218-1959.

Anonymous:2009:AIV

[Ano09] Anonymous. Author index volume 19 (2009). *Inter-*

national Journal of Computational Geometry and Applications (IJCGA), 19(6):617–619, December 2009. CODEN IJCAEV. ISSN 0218-1959.

Anonymous:2010:AIV

[Ano10] Anonymous. Author index volume 20 (2010). *International Journal of Computational Geometry and Applications (IJCGA)*, 20(6):751–754, December 2010. CODEN IJCAEV. ISSN 0218-1959.

Anonymous:2011:AIV

[Ano11] Anonymous. Author index volume 21 (2011). *International Journal of Computational Geometry and Applications (IJCGA)*, 21(6):699–702, December 2011. CODEN IJCAEV. ISSN 0218-1959.

Anonymous:2012:AIV

[Ano12] Anonymous. Author index volume 22 (2012). *International Journal of Computational Geometry and Applications (IJCGA)*, 22(6):593–??, December 2012. CODEN IJCAEV. ISSN 0218-1959.

Anonymous:2013:AIV

[Ano13a] Anonymous. Author index volume 23 (2013). *International Journal of Computational Geometry and Applications (IJCGA)*, 23(6):479–??, December 2013. CODEN IJCAEV. ISSN 0218-1959.

Asano:2013:GEF

[ANO13b] Takao Asano, Shin-Ichi Nakano, and Yoshio Okamoto. Guest Editors' foreword. *International Journal of Computational Geometry and Applications (IJCGA)*, 23(2):73–??, April 2013. CODEN IJCAEV. ISSN 0218-1959.

Anonymous:2014:AIV

[Ano14] Anonymous. Author index: Volume 24 (2014). *International Journal of Computational Geometry and Applications (IJCGA)*, 24(4):397–??, December 2014. CODEN IJCAEV. ISSN 0218-1959.

Anonymous:2015:AIV

[Ano15] Anonymous. Author index volume 25 (2015). *International Journal of Computational Geometry and Applications (IJCGA)*, 25(4):309–??, December 2015. CODEN IJCAEV. ISSN 0218-1959.

Anonymous:2016:AIV

[Ano16] Anonymous. Author index volume 26 (2016). *International Journal of Computational Geometry and Applications (IJCGA)*, 26(3–4):231, September/December 2016. CODEN IJCAEV. ISSN 0218-1959.

Anonymous:2017:AIV

[Ano17] Anonymous. Author index volume 27 (2017). *International Journal of Computational Geometry and Applications (IJCGA)*, 27(4):327–??, December 2017. CODEN IJCAEV. ISSN 0218-1959.

Anonymous:2018:AIV

[Ano18] Anonymous. Author index volume 28 (2018). *International Journal of Computational Geometry and Applications (IJCGA)*, 28(4):399–400, December 2018. ISSN 0218-1959. URL https://www.worldscientific.com/doi/10.1142/S0218195918990017.

Anonymous:2019:AIV

[Ano19] Anonymous. Author index volume 29 (2019). *International Journal of Computational Geometry and Applications (IJCGA)*, 29(4):353–354, December 2019. ISSN 0218-1959. URL https://www.worldscientific.com/doi/10.1142/S0218195919990012.

Anonymous:2020:AIV

[Ano20] Anonymous. Author index volume 30 (2020). *International Journal of Computational Geometry and Applications (IJCGA)*, 30(3–4): ??, September–December 2020. ISSN 0218-1959. URL https://www.worldscientific.com/doi/10.1142/S0218195920990010.

Anonymous:2021:AIV

[Ano21] Anonymous. Author index volume 31 (2021). *International Journal of Computational Geometry and Applications (IJCGA)*, 31(4):??, December 2021. ISSN 0218-1959. URL https://www.worldscientific.com/doi/10.1142/S0218195921990016.

Anonymous:2022:AIV

[Ano22] Anonymous. Author index volume 32 (2022). *International Journal of Computational Geometry and Applications (IJCGA)*, 32(3–4): ??, September–December 2022. ISSN 0218-1959. URL https://www.worldscientific.com/doi/10.1142/S0218195922990011.

Anonymous:2023:AIV

[Ano23] Anonymous. Author index volume 33 (2023). *International Journal of Computational Geometry and Applications (IJCGA)*, 33(3–4): ??, September–December 2023. ISSN 0218-1959. URL https://www.worldscientific.com/doi/10.1142/S0218195923990017.

Agarwal:1998:CGC

[AO98] Pankaj K. Agarwal and Joseph O'Rourke. Computational geometry column 34. *International Journal of Computational Geometry and Applications (IJCGA)*, 8(5–6):637–??, October–December 1998. CODEN IJCAEV. ISSN 0218-1959.

Andersson:2000:ETF

[APS00] L.-E. Andersson, T. J. Peters, and N. F. Stewart. Equivalence of topological form for curvilinear geometric objects. *International Journal of Computational Geometry and Applications (IJCGA)*, 10(6):609–??, 2000. CODEN IJCAEV. ISSN 0218-1959.

Andersen:2019:AED

[AR19] Patrick J. Andersen and Charl J. Ras. Algorithms for Euclidean degree bounded spanning tree problems. *International Journal of Computational Geometry and Applications (IJCGA)*, 29(02):121–160, June 2019. ISSN 0218-1959. URL `https://www.worldscientific.com/doi/10.1142/S0218195919500031`.

Andrade:2001:EAC

[AS01] Marcus Vinícius Alvim Andrade and Jorge Stolfi. Exact algorithms for circles on the sphere. *International Journal of Computational Geometry and Applications (IJCGA)*, 11 (3):267–290, 2001. CODEN IJCAEV. ISSN 0218-1959.

Alon:2008:CFC

[AS08a] Noga Alon and Shakhar Smorodinsky. Conflict-free colorings of shallow discs. *International Journal of Computational Geometry and Applications (IJCGA)*, 18(6):599–604, December 2008. CODEN IJCAEV. ISSN 0218-1959.

Alt:2008:CHD

[AS08b] Helmut Alt and Ludmila Scharf. Computing the Hausdorff distance between curved objects. *International Journal of Computational Geometry and Applications (IJCGA)*, 18 (4):307–320, August 2008. CODEN IJCAEV. ISSN 0218-1959.

Alt:2018:ASC

[AS18] Helmut Alt and Nadja Scharf. Approximating smallest containers for packing three-dimensional convex objects. *International Journal of Computational Geometry and Applications (IJCGA)*, 28(2):??, June 2018. ISSN 0218-1959.

Asano:2009:GEF

[Asa09] Tetsuo Asano. Guest Editor's foreword. *International Journal of Computational Geometry and Applications (IJCGA)*, 19 (2):93, April 2009. CODEN IJCAEV. ISSN 0218-1959.

Akitaya:2018:RWS

[AT18] Hugo A. Akitaya and Csaba D. Tóth. Reconstruction of weakly simple polygons from their edges. *International Journal of Computational Geometry and Applications (IJCGA)*, 28(2): ??, June 2018. ISSN 0218-1959.

Atallah:1999:IHB

[Ata99] M. J. Atallah. An improved hypercube bound for multisearching and its applications. *International Journal of Computational Geometry and Applications (IJCGA)*, 9(1):29–??, 1999. CODEN IJCAEV. ISSN 0218-1959.

Ahn:2014:GEF

[AV14] Hee-Kap Ahn and Antoine Vigneron. Guest Editors' foreword. *International Journal of Computational Geometry and Applications (IJCGA)*, 24(4):

259–??, December 2014. CODEN IJCAEV. ISSN 0218-1959.

Barequet:1998:DPD

[Bar98] Gill Barequet. DCEL: a polyhedral database and programming environment. *International Journal of Computational Geometry and Applications (IJCGA)*, 8(5–6):619–??, October–December 1998. CODEN IJCAEV. ISSN 0218-1959.

Barequet:2005:GEF

[Bar05] Gill Barequet. Guest Editor's foreword. *International Journal of Computational Geometry and Applications (IJCGA)*, 15 (4):325–??, August 2005. CODEN IJCAEV. ISSN 0218-1959.

Barequet:2013:EF

[Bar13] Gill Barequet. Editor's foreword. *International Journal of Computational Geometry and Applications (IJCGA)*, 23(4–5): 231–??, 2013. CODEN IJCAEV. ISSN 0218-1959.

Bereg:2010:VDP

[BBB+10] Sergey Bereg, Kevin Buchin, Maike Buchin, Marina Gavrilova, and Binhai Zhu. Voronoi diagram of polygonal chains under the discrete Fréchet distance. *International Journal of Computational Geometry and Applications (IJCGA)*, 20(4):471–484, August 2010. CODEN IJCAEV. ISSN 0218-1959.

Berry:2019:LSP

[BBB+19] Lindsay Berry, Andrew Beveridge, Jane Butterfield, Volkan Isler, Zachary Keller, Alana Shine, and Junyi Wang. Line-of-sight pursuit in monotone and scallop polygons. *International Journal of Computational Geometry and Applications (IJCGA)*, 29(4):307–351, December 2019. ISSN 0218-1959. URL `https://www.worldscientific.com/doi/10.1142/S0218195919500122`.

Bose:2002:ORC

[BBC+02] Prosenjit Bose, Andrej Brodnik, Svante Carlsson, Erik D. Demaine, Rudolf Fleischer, Alejandro López-Ortiz, Pat Morin, and J. Ian Munro. Online routing in convex subdivisions. *International Journal of Computational Geometry and Applications (IJCGA)*, 12(4): 283–??, August 2002. CODEN IJCAEV. ISSN 0218-1959.

Blandford:2005:CRS

[BBCK05] Daniel K. Blandford, Guy E. Blelloch, David E. Cardoze, and Clemens Kadow. Compact representations of simplicial meshes in two and three dimensions. *International Journal of Computational Geometry and Applications (IJCGA)*, 15 (1):3–??, February 2005. CODEN IJCAEV. ISSN 0218-1959.

Bernardini:1999:ARC

[BBCS99] Fausto Bernardini, Chandra-

jit L. Bajaj, Jindong Chen, and Daniel R. Schikore. Automatic reconstruction of 3D CAD models from digital scans. *International Journal of Computational Geometry and Applications (IJCGA)*, 9(4–5):327–??, 1999. CODEN IJCAEV. ISSN 0218-1959.

Buchin:2011:DCP

[BBG+11] Kevin Buchin, Maike Buchin, Joachim Gudmundsson, Maarten Löffler, and Jun Luo. Detecting commuting patterns by clustering subtrajectories. *International Journal of Computational Geometry and Applications (IJCGA)*, 21(3):253–282, June 2011. CODEN IJCAEV. ISSN 0218-1959.

Borgelt:2008:FPA

[BBL08] Magdalene Grantson Borgelt, Christian Borgelt, and Christos Levcopoulos. Fixed parameter algorithms for the minimum weight triangulation problem. *International Journal of Computational Geometry and Applications (IJCGA)*, 18(3):185–220, June 2008. CODEN IJCAEV. ISSN 0218-1959.

Bekker:2009:RTC

[BBR09] Henk Bekker, Axel A. Brink, and Jos B. T. M. Roerdink. Reducing the time complexity and identifying ill-posed problem instances of Minkowski sum based similarity calculations. *International Journal of Computational Geometry and Applications (IJCGA)*, 19(5):441–456, October 2009. CODEN IJCAEV. ISSN 0218-1959.

Bae:2006:VDT

[BC06] Sang Won Bae and Kyung-Yong Chwa. Voronoi diagrams for a transportation network on the Euclidean plane. *International Journal of Computational Geometry and Applications (IJCGA)*, 16(2–3):117–??, June 2006. CODEN IJCAEV. ISSN 0218-1959.

Boissonnat:2000:CLC

[BCD+00] J.-D. Boissonnat, J. Czyzowicz, O. Devillers, J. Urrutia, and M. Yvinec. Computing largest circles separating two sets of segments. *International Journal of Computational Geometry and Applications (IJCGA)*, 10 (1):41–??, 2000. CODEN IJCAEV. ISSN 0218-1959.

Bose:2007:GAA

[BCHS07] Prosenjit Bose, Narcís Coll, Ferran Hurtado, and J. Antoni Sellarès. A general approximation algorithm for planar maps with applications. *International Journal of Computational Geometry and Applications (IJCGA)*, 17(6):529–554, December 2007. CODEN IJCAEV. ISSN 0218-1959.

Baran:2005:OAA

[BD05] Ilya Baran and Erik D. Demaine. Optimal adaptive algorithms for finding the nearest and farthest point on a parametric black-box curve. *International Journal of Compu-*

tational Geometry and Applications (IJCGA), 15(4):327–??, August 2005. CODEN IJCAEV. ISSN 0218-1959.

Bereg:2014:CSP

[BDBF+14] S. Bereg, J. M. Díaz-Báñez, M. Fort, M. A. Lopez, P. Pérez-Lantero, and J. Urrutia. Continuous surveillance of points by rotating floodlights. *International Journal of Computational Geometry and Applications (IJCGA)*, 24(3):183–??, September 2014. CODEN IJCAEV. ISSN 0218-1959.

Bose:2012:PAY

[BDD+12] Prosenjit Bose, Mirela Damian, Karim Douïeb, Joseph O'Rourke, Ben Seamone, Michiel Smid, and Stefanie Wuhrer. $\pi/2$-angle Yao graphs are spanners. *International Journal of Computational Geometry and Applications (IJCGA)*, 22(1):61–??, February 2012. CODEN IJCAEV. ISSN 0218-1959.

Bose:2017:COR

[BDDT17] Prosenjit Bose, Jean-Lou De Carufel, Stephane Durocher, and Perouz Taslakian. Competitive online routing on Delaunay triangulations. *International Journal of Computational Geometry and Applications (IJCGA)*, 27(4):241–??, December 2017. CODEN IJCAEV. ISSN 0218-1959.

Bose:2002:DMW

[BDE02] Prosenjit Bose, Luc Devroye, and William Evans. Diamonds are not a minimum weight triangulation's best friend. *International Journal of Computational Geometry and Applications (IJCGA)*, 12(6):445–??, 2002. CODEN IJCAEV. ISSN 0218-1959.

Boissonnat:2013:SDT

[BDG13] Jean-Daniel Boissonnat, Ramsay Dyer, and Arijit Ghosh. The stability of Delaunay triangulations. *International Journal of Computational Geometry and Applications (IJCGA)*, 23(4–5):303–??, 2013. CODEN IJCAEV. ISSN 0218-1959.

Boissonnat:2014:DSP

[BDG14] Jean-Daniel Boissonnat, Ramsay Dyer, and Arijit Ghosh. Delaunay stability via perturbations. *International Journal of Computational Geometry and Applications (IJCGA)*, 24 (2):125–??, June 2014. CODEN IJCAEV. ISSN 0218-1959.

Butler:2013:CPT

[BDGT13] Steve Butler, Erik Demaine, Ron Graham, and Tomohiro Tachi. Constructing points through folding and intersection. *International Journal of Computational Geometry and Applications (IJCGA)*, 23(1): 49–??, February 2013. CODEN IJCAEV. ISSN 0218-1959.

Benkert:2010:FPP

[BDGW10] Marc Benkert, Bojan Djordjevic, Joachim Gudmundsson, and Thomas Wolle. Finding popular places. *Inter-*

national Journal of Computational Geometry and Applications (IJCGA), 20(1):19–42, February 2010. CODEN IJCAEV. ISSN 0218-1959.

Breukelaar:2004:THE

[BDH+04] Ron Breukelaar, Erik D. Demaine, Susan Hohenberger, Hendrik Jan Hoogeboom, Walter A. Kosters, and David Liben-Nowell. Tetris is hard, even to approximate. *International Journal of Computational Geometry and Applications (IJCGA)*, 14(1–2):41–??, April 2004. CODEN IJCAEV. ISSN 0218-1959.

Bose:2012:PGT

[BDH+12] Prosenjit Bose, Vida Dujmović, Ferran Hurtado, John Iacono, Stefan Langerman, Henk Meijer, Vera Sacristán, Maria Saumell, and David R. Wood. Proximity Graphs: E, δ, Δ, χ and ω. *International Journal of Computational Geometry and Applications (IJCGA)*, 22(5): 439–??, October 2012. CODEN IJCAEV. ISSN 0218-1959.

Basch:2003:PAD

[BDIZ03] Julien Basch, Harish Devarajan, Piotr Indyk, and Li Zhang. Probabilistic analysis for discrete attributes of moving points. *International Journal of Computational Geometry and Applications (IJCGA)*, 13(1):5–??, February 2003. CODEN IJCAEV. ISSN 0218-1959.

Bereg:2010:MAI

[BDJ10] Sergey Bereg, Adrian Dumitrescu, and Minghui Jiang. Maximum area independent sets in disk intersection graphs. *International Journal of Computational Geometry and Applications (IJCGA)*, 20(2):105–118, April 2010. CODEN IJCAEV. ISSN 0218-1959.

Bose:2020:LRC

[BDM+20] Prosenjit Bose, Stephane Durocher, Debajyoti Mondal, Maxime Peabody, Matthew Skala, and Mohammad Abdul Wahid. Local routing in convex subdivisions. *International Journal of Computational Geometry and Applications (IJCGA)*, 30(01):1–17, March 2020. CODEN IJCAEV. ISSN 0218-1959. URL `https://www.worldscientific.com/doi/10.1142/S0218195920500016`.

Bereg:2008:SDP

[BDP08] Sergey Bereg, Adrian Dumitrescu, and János Pach. Sliding disks in the plane. *International Journal of Computational Geometry and Applications (IJCGA)*, 18(5):373–387, October 2008. CODEN IJCAEV. ISSN 0218-1959.

Bern:2000:QMC

[BE00] M. Bern and D. Eppstein. Quadrilateral meshing by circle packing. *International Journal of Computational Geometry and Applications (IJCGA)*, 10

(4):347–??, 2000. CODEN IJCAEV. ISSN 0218-1959.

Benroummane:2023:SRS

[Ben23] Abderrazzak Benroummane. Some results on semi-symmetric spaces. *International Journal of Computational Geometry and Applications (IJCGA)*, 33(3–4):65–84, September–December 2023. ISSN 0218-1959. URL `https://www.worldscientific.com/doi/10.1142/S0218195923500024`.

Berzins:2000:SBM

[Ber00] M. Berzins. Solution-based mesh quality indicators for triangular and tetrahedral meshes. *International Journal of Computational Geometry and Applications (IJCGA)*, 10 (3):333–??, 2000. CODEN IJCAEV. ISSN 0218-1959.

Bereg:2004:CHD

[Ber04] Sergey Bereg. Cylindrical hierarchy for deforming necklaces. *International Journal of Computational Geometry and Applications (IJCGA)*, 14(1–2):3–??, April 2004. CODEN IJCAEV. ISSN 0218-1959.

Bereg:2005:AMB

[Ber05] Sergey Bereg. An approximate morphing between polylines. *International Journal of Computational Geometry and Applications (IJCGA)*, 15(2): 193–??, April 2005. CODEN IJCAEV. ISSN 0218-1959.

Bespamyatnikh:2002:OMB

[Bes02] Sergei Bespamyatnikh. An optimal morphing between polylines. *International Journal of Computational Geometry and Applications (IJCGA)*, 12(3): 217–??, 2002. CODEN IJCAEV. ISSN 0218-1959.

Bespamyatnikh:2003:CCP

[Bes03] Sergei Bespamyatnikh. Computing closest points for segments. *International Journal of Computational Geometry and Applications (IJCGA)*, 13(5): 419–??, October 2003. CODEN IJCAEV. ISSN 0218-1959.

Bern:1999:PCQ

[BET99] M. Bern, D. Eppstein, and S.-H. Teng. Parallel construction of quadtrees and quality triangulations. *International Journal of Computational Geometry and Applications (IJCGA)*, 9(6):517–??, 1999. CODEN IJCAEV. ISSN 0218-1959.

Bose:2003:PAG

[BEW03] Prosenjit Bose, Hazel Everett, and Stephen Wismath. Properties of arrangement graphs. *International Journal of Computational Geometry and Applications (IJCGA)*, 13(6):447–??, December 2003. CODEN IJCAEV. ISSN 0218-1959.

Blazj:2021:ELR

[BFL21] Václav Blažj, Jiří Fiala, and Giuseppe Liotta. On edge-length ratios of partial 2-trees.

International Journal of Computational Geometry and Applications (IJCGA), 31(2–3):141–162, June–September 2021. ISSN 0218-1959. URL `https://www.worldscientific.com/doi/10.1142/S0218195921500072`.

Bereg:2014:EDC

[BFMFP+14] S. Bereg, R. Fabila-Monroy, D. Flores-Peñaloza, M. A. Lopez, and P. Pérez-Lantero. Embedding the double circle in a square grid of minimum size. *International Journal of Computational Geometry and Applications (IJCGA)*, 24(3):247–??, September 2014. CODEN IJCAEV. ISSN 0218-1959.

Burnikel:2001:EGC

[BFS01] Christoph Burnikel, Stefan Funke, and Michael Seel. Exact geometric computation using cascading. *International Journal of Computational Geometry and Applications (IJCGA)*, 11 (3):245–266, 2001. CODEN IJCAEV. ISSN 0218-1959.

Bhosle:2005:EAA

[BG05] Amit M. Bhosle and Teofilo F. Gonzalez. Exact and approximation algorithms for finding an optimal bridge connecting two simple polygons. *International Journal of Computational Geometry and Applications (IJCGA)*, 15(6):609–??, December 2005. CODEN IJCAEV. ISSN 0218-1959.

Batog:2011:IBN

[BG11a] Guillaume Batog and Xavier Goaoc. Inflating balls is NP-hard. *International Journal of Computational Geometry and Applications (IJCGA)*, 21(4): 403–415, August 2011. CODEN IJCAEV. ISSN 0218-1959.

Biedl:2011:STO

[BG11b] Therese Biedl and Burkay Genç. Stoker's theorem for orthogonal polyhedra. *International Journal of Computational Geometry and Applications (IJCGA)*, 21(4):383–391, August 2011. CODEN IJCAEV. ISSN 0218-1959.

Buchin:2014:DPL

[BG14] Kevin Buchin and Dirk H. P. Gerrits. Dynamic point labeling is strongly Pspace-complete. *International Journal of Computational Geometry and Applications (IJCGA)*, 24(4):373–??, December 2014. CODEN IJCAEV. ISSN 0218-1959.

Benkert:2009:PTA

[BGK+09] Marc Benkert, Joachim Gudmundsson, Christian Knauer, René Van Oostrum, and Alexander Wolff. A polynomial-time approximation algorithm for a geometric dispersion problem. *International Journal of Computational Geometry and Applications (IJCGA)*, 19(3): 267–288, June 2009. CODEN IJCAEV. ISSN 0218-1959.

Bose:1997:FP

[BGL+97] Prosenjit Bose, Leonidas Guibas, Anna Lubiw, Mark Overmars, Diane Souvaine, and Jorge Urrutia. The floodlight problem. *International Journal of Computational Geometry and Applications (IJCGA)*, 7(1–2):153–163, February–April 1997. CODEN IJCAEV. ISSN 0218-1959.

Bridgeman:1999:GDT

[BGT99] Stina Bridgeman, Ashim Garg, and Roberto Tamassia. A graph drawing and translation service on the World Wide Web. *International Journal of Computational Geometry and Applications (IJCGA)*, 9(4–5):419–??, 1999. CODEN IJCAEV. ISSN 0218-1959.

Brass:2010:LBA

[BHLL10] Peter Brass, Ferran Hurtado, Benjamin Lafreniere, and Anna Lubiw. A lower bound on the area of a 3-coloured disk packing. *International Journal of Computational Geometry and Applications (IJCGA)*, 20 (3):341–360, June 2010. CODEN IJCAEV. ISSN 0218-1959.

Brass:2003:CCA

[BHLM03] Peter Braß, Laura Heinrich-Litan, and Pat Morin. Computing the center of area of a convex polygon. *International Journal of Computational Geometry and Applications (IJCGA)*, 13(5):439–??, October 2003. CODEN IJCAEV. ISSN 0218-1959.

Biedl:2011:RCP

[BHLO11] Therese Biedl, Masud Hasan, and Alejandro López-Ortiz. Reconstructing convex polygons and convex polyhedra from edge and face counts in orthogonal projections. *International Journal of Computational Geometry and Applications (IJCGA)*, 21(2):215–239, April 2011. CODEN IJCAEV. ISSN 0218-1959.

Berkoff:2011:PIS

[BHMW11] A. M. Berkoff, J. M. Henle, A. E. Mcdonough, and A. P. Wesolowski. Possibilities and impossibilities in square-tiling. *International Journal of Computational Geometry and Applications (IJCGA)*, 21(5):545–558, October 2011. CODEN IJCAEV. ISSN 0218-1959.

Barequet:2001:PCT

[BHP01] Gill Barequet and Sariel Har-Peled. Polygon containment and translational min-Hausdorff-distance between segment sets are 3 SUM-hard. *International Journal of Computational Geometry and Applications (IJCGA)*, 11(4):465–474, 2001. CODEN IJCAEV. ISSN 0218-1959.

Biedl:2016:PMW

[BHP16] Therese Biedl, Stefan Huber, and Peter Palfrader. Planar matchings for weighted straight

skeletons. *International Journal of Computational Geometry and Applications (IJCGA)*, 26(3–4):211–229, September/December 2016. CODEN IJCAEV. ISSN 0218-1959.

Banerjee:2021:VGD

[BI21] Debangshu Banerjee and R. Inkulu. Vertex guarding for dynamic orthogonal art galleries. *International Journal of Computational Geometry and Applications (IJCGA)*, 31(2–3):123–140, June–September 2021. ISSN 0218-1959. URL https://www.worldscientific.com/doi/10.1142/S0218195921500060.

Bhattacharjee:2022:VFT

[BI22] Sukanya Bhattacharjee and R. Inkulu. Vertex fault-tolerant geometric spanners for weighted points. *International Journal of Computational Geometry and Applications (IJCGA)*, 32(3–4):175–199, September–December 2022. ISSN 0218-1959. URL https://www.worldscientific.com/doi/10.1142/S021819592250008X.

Binger:2002:PUI

[Bin02] David Binger. Polyhedra with unguarded interiors. *International Journal of Computational Geometry and Applications (IJCGA)*, 12(3):173–??, 2002. CODEN IJCAEV. ISSN 0218-1959.

Brass:2002:TCD

[BK02] Peter Brass and Christian Knauer. Testing the congruence of d-dimensional point sets. *International Journal of Computational Geometry and Applications (IJCGA)*, 12(1–2):115–??, 2002. CODEN IJCAEV. ISSN 0218-1959.

Boutin:2007:WPC

[BK07] Mireille Boutin and Gregor Kemper. Which point configurations are determined by the distribution of their pairwise distances? *International Journal of Computational Geometry and Applications (IJCGA)*, 17(1):31–43, February 2007. CODEN IJCAEV. ISSN 0218-1959.

Bohler:2014:AVD

[BK14] Cecilia Bohler and Rolf Klein. Abstract Voronoi diagrams with disconnected regions. *International Journal of Computational Geometry and Applications (IJCGA)*, 24(4):347–??, December 2014. CODEN IJCAEV. ISSN 0218-1959.

Bringmann:2017:IAF

[BK17] Karl Bringmann and Marvin Künnemann. Improved approximation for Fréchet distance on c-packed curves matching conditional lower bounds. *International Journal of Computational Geometry and Applications (IJCGA)*, 27(1–2):85–119, March/June 2017. CODEN IJCAEV. ISSN 0218-1959.

Buot:2018:WES

[BK18] Jude Buot and Mikio Kano. Weight-equitable subdivision of red and blue points in the plane. *International Journal of Computational Geometry and Applications (IJCGA)*, 28(1): 39–??, March 2018. CODEN IJCAEV. ISSN 0218-1959.

Bae:2009:OCC

[BKC09] Sang Won Bae, Jae-Hoon Kim, and Kyung-Yong Chwa. Optimal construction of the city Voronoi diagram. *International Journal of Computational Geometry and Applications (IJCGA)*, 19(2):95–117, April 2009. CODEN IJCAEV. ISSN 0218-1959.

Bohler:2017:AVD

[BKL17] Cecilia Bohler, Rolf Klein, and Chih-Hung Liu. Abstract Voronoi diagrams from closed bisecting curves. *International Journal of Computational Geometry and Applications (IJCGA)*, 27(3):221–240, September 2017. CODEN IJCAEV. ISSN 0218-1959.

Brass:2011:ACP

[BKN+11] Peter Brass, Christian Knauer, Hyeon-Suk Na, Chan-Su Shin, and Antoine Vigneron. The aligned K-center problem. *International Journal of Computational Geometry and Applications (IJCGA)*, 21(2):157–178, April 2011. CODEN IJCAEV. ISSN 0218-1959.

Bespamyatnikh:2000:OFL

[BKST00] S. Bespamyatnikh, K. Kedem, M. Segal, and A. Tamir. Optimal facility location under various distance functions. *International Journal of Computational Geometry and Applications (IJCGA)*, 10(5):523–??, 2000. CODEN IJCAEV. ISSN 0218-1959.

Boissonnat:2003:PTA

[BL03] Jean-Daniel Boissonnat and Sylvain Lazard. A polynomial-time algorithm for computing shortest paths of bounded curvature amidst moderate obstacles. *International Journal of Computational Geometry and Applications (IJCGA)*, 13(3): 189–??, June 2003. CODEN IJCAEV. ISSN 0218-1959.

Bose:2002:IAS

[BM02] Prosenjit Bose and Pat Morin. An improved algorithm for subdivision traversal without extra storage. *International Journal of Computational Geometry and Applications (IJCGA)*, 12 (4):297–??, August 2002. CODEN IJCAEV. ISSN 0218-1959.

Binder:2012:BII

[BM12] Thomas Binder and Thomas Martinetz. On the boundedness of an iteration involving points on the hypersphere. *International Journal of Computational Geometry and Applications (IJCGA)*, 22(6):499–??,

December 2012. CODEN IJCAEV. ISSN 0218-1959.

Ben-Moshe:2000:OFL

[BMKS00] B. Ben-Moshe, M. J. Katz, and M. Segal. Obnoxious facility location: Complete service with minimal harm. *International Journal of Computational Geometry and Applications (IJCGA)*, 10(6):581–??, 2000. CODEN IJCAEV. ISSN 0218-1959.

Bint:2019:PER

[BMSN19] Gregory Bint, Anil Maheshwari, Michiel Smid, and Subhas C. Nandy. Partial enclosure range searching. *International Journal of Computational Geometry and Applications (IJCGA)*, 29(1):73–93, March 2019. ISSN 0218-1959. URL `https://www.worldscientific.com/doi/10.1142/S0218195919500018`.

Bose:2011:CEI

[BMSS11] Prosenjit Bose, Mercè Mora, Carlos Seara, and Saurabh Sethia. On computing enclosing isosceles triangles and related problems. *International Journal of Computational Geometry and Applications (IJCGA)*, 21 (1):25–45, February 2011. CODEN IJCAEV. ISSN 0218-1959.

Bhattacharya:1999:CSW

[BMT99] B. K. Bhattacharya, A. Mukhopadhyay, and G. T. Toussaint. Computing a shortest weakly externally visible line segment for a simple polygon. *International Journal of Computational Geometry and Applications (IJCGA)*, 9(1):81–??, 1999. CODEN IJCAEV. ISSN 0218-1959.

Biedl:2000:TPM

[BMT00] T. C. Biedl, B. P. Madden, and I. G. Tollis. The three-phase method: a unified approach to orthogonal graph drawing. *International Journal of Computational Geometry and Applications (IJCGA)*, 10(6):553–??, 2000. CODEN IJCAEV. ISSN 0218-1959.

Bose:2016:PO

[BMvR16] Prosenjit Bose, Pat Morin, and André van Renssen. The price of order. *International Journal of Computational Geometry and Applications (IJCGA)*, 26(3–4):135–149, September/December 2016. CODEN IJCAEV. ISSN 0218-1959.

Brass:2010:GPT

[BNS10] Peter Brass, Hyeon-Suk Na, and Chan-Su Shin. Guarding a polygon from two nearly-opposite directions. *International Journal of Computational Geometry and Applications (IJCGA)*, 20(3):327–339, June 2010. CODEN IJCAEV. ISSN 0218-1959.

Bardhan:2009:GPM

[BRD09] Debabrata Bardhan, Sansanka Roy, and Sandip Das. Guard placement for maximizing L-visibility exterior to a convex

polygon. *International Journal of Computational Geometry and Applications (IJCGA)*, 19 (4):357–370, August 2009. CODEN IJCAEV. ISSN 0218-1959.

Bremner:2000:PVG

[BS00] D. Bremner and T. Shermer. Point visibility graphs and O-convex cover. *International Journal of Computational Geometry and Applications (IJCGA)*, 10(1):55–??, 2000. CODEN IJCAEV. ISSN 0218-1959.

Brass:2005:LBL

[BS05] Peter Brass and Mehrbod Sharifi. A lower bound for Lebesgue's universal cover problem. *International Journal of Computational Geometry and Applications (IJCGA)*, 15 (5):537–??, October 2005. CODEN IJCAEV. ISSN 0218-1959.

Barequet:2008:MP

[BS08] Gill Barequet and Aya Steiner. On the matability of polygons. *International Journal of Computational Geometry and Applications (IJCGA)*, 18(5):469–506, October 2008. CODEN IJCAEV. ISSN 0218-1959.

Bae:2012:ODV

[BS12] Sang Won Bae and Chan-Su Shin. The onion diagram: a Voronoi-like tessellation of a planar line space and its applications. *International Journal of Computational Geometry and Applications (IJCGA)*, 22 (1):3–??, February 2012. CODEN IJCAEV. ISSN 0218-1959.

Bueno:2016:CTM

[BS16] Lucas Moutinho Bueno and Jorge Stolfi. 3-colored triangulation of 2D maps. *International Journal of Computational Geometry and Applications (IJCGA)*, 26(2):111–133, June 2016. CODEN IJCAEV. ISSN 0218-1959.

Bueno:2017:CTM

[BS17] Lucas Moutinho Bueno and Jorge Stolfi. 4-colored triangulation of 3-maps. *International Journal of Computational Geometry and Applications (IJCGA)*, 27(4):297–??, December 2017. CODEN IJCAEV. ISSN 0218-1959.

Baek:1999:CTS

[BSC99] N. Baek, S.-Y. Shin, and K.-Y. Chwa. On computing translational swept volumes. *International Journal of Computational Geometry and Applications (IJCGA)*, 9(3):293–??, 1999. CODEN IJCAEV. ISSN 0218-1959.

Baek:2000:TDT

[BSC00] N. Baek, S.-Y. Shin, and K.-Y. Chwa. Three-dimensional topological sweep for computing rotational swept volumes of polyhedral objects. *International Journal of Computational Geometry and Applications (IJCGA)*, 10(2):131–??,

2000. CODEN IJCAEV. ISSN 0218-1959.

Bose:2009:DDT

[BSX09] Prosenjit Bose, Michiel Smid, and Daming Xu. Delaunay and diamond triangulations contain spanners of bounded degree. *International Journal of Computational Geometry and Applications (IJCGA)*, 19(2):119–140, April 2009. CODEN IJCAEV. ISSN 0218-1959.

Bose:2005:GMR

[BV05] Prosenjit Bose and Marc Van Kreveld. Generalizing monotonicity: on recognizing special classes of polygons and polyhedra. *International Journal of Computational Geometry and Applications (IJCGA)*, 15(6):591–??, December 2005. CODEN IJCAEV. ISSN 0218-1959.

Biedl:2013:PSE

[BV13] Therese Biedl and Martin Vatshelle. The point-set embeddability problem for plane graphs. *International Journal of Computational Geometry and Applications (IJCGA)*, 23(4–5):357–??, 2013. CODEN IJCAEV. ISSN 0218-1959.

Borgelt:2011:GDC

[BVL11] Magdalene G. Borgelt, Marc Van Kreveld, and Jun Luo. Geodesic disks and clustering in a simple polygon. *International Journal of Computational Geometry and Applications (IJCGA)*, 21(6):595–608, December 2011. CODEN IJCAEV. ISSN 0218-1959.

Bose:2019:SPY

[BvR19] Prosenjit Bose and André van Renssen. Spanning properties of Yao and θ-graphs in the presence of constraints. *International Journal of Computational Geometry and Applications (IJCGA)*, 29(02): 95–120, June 2019. CODEN IJCAEV. ISSN 0218-1959. URL `https://www.worldscientific.com/doi/10.1142/S021819591950002X`.

Bajaj:2003:MSC

[BXHN03] Chandrajit L. Bajaj, Guoliang Xu, Robert J. Holt, and Arun N. Netravali. NURBS approximation of A-splines and A-patches. *International Journal of Computational Geometry and Applications (IJCGA)*, 13 (5):359–??, October 2003. CODEN IJCAEV. ISSN 0218-1959.

Beketayev:2018:MEA

[BYM+18] Kenes Beketayev, Damir Yelliussizov, Dmitriy Morozov, Gunther H. Weber, and Bernd Hamann. Measuring the error in approximating the sub-level set topology of sampled scalar data. *International Journal of Computational Geometry and Applications (IJCGA)*, 28(1): 57–??, March 2018. CODEN IJCAEV. ISSN 0218-1959.

Brazil:2014:UOS

[BZ14] Marcus Brazil and Martin Zachariasen. The uniform orientation Steiner tree problem is NP-hard. *International Journal of Computational Geometry and Applications (IJCGA)*, 24 (2):87–??, June 2014. CODEN IJCAEV. ISSN 0218-1959.

Carlsson:2015:BMP

[CARB15] John Gunnar Carlsson, Benjamin Armbruster, Saladi Rahul, and Haritha Bellam. A bottleneck matching problem with edge-crossing constraints. *International Journal of Computational Geometry and Applications (IJCGA)*, 25(4):245–??, December 2015. CODEN IJCAEV. ISSN 0218-1959.

Chen:2006:SVC

[CC06] Chao Chen and Ho-Lun Cheng. Superimposing Voronoi complexes for shape deformation. *International Journal of Computational Geometry and Applications (IJCGA)*, 16(2–3):159–??, June 2006. CODEN IJCAEV. ISSN 0218-1959.

Carlsson:2006:ATM

[CCD06] Erik Carlsson, Gunnar Carlsson, and Vin De Silva. An algebraic topological method for feature identification. *International Journal of Computational Geometry and Applications (IJCGA)*, 16(4):291–??, August 2006. CODEN IJCAEV. ISSN 0218-1959.

Cheng:2017:NWR

[CCJV17] Siu-Wing Cheng, Man-Kwun Chiu, Jiongxin Jin, and Antoine Vigneron. Navigating weighted regions with scattered skinny tetrahedra. *International Journal of Computational Geometry and Applications (IJCGA)*, 27(1–2):13–32, March/June 2017. CODEN IJCAEV. ISSN 0218-1959.

Chang:2006:SPA

[CCK+06] Ee-Chien Chang, Sung Woo Choi, Do Yong Kwon, Hyungju Park, and Chee K. Yap. Shortest path amidst disc obstacles is computable. *International Journal of Computational Geometry and Applications (IJCGA)*, 16(5–6):567–??, December 2006. CODEN IJCAEV. ISSN 0218-1959.

Carmi:2019:MLO

[CCMS19] Paz Carmi, Farah Chanchary, Anil Maheshwari, and Michiel Smid. The most likely object to be seen through a window. *International Journal of Computational Geometry and Applications (IJCGA)*, 29(4): 269–287, December 2019. CODEN IJCAEV. ISSN 0218-1959. URL `https://www.worldscientific.com/doi/10.1142/S0218195919500092`.

Chen:2003:SEA

[CD03] Danny Z. Chen and Ovidiu Daescu. Space-efficient algorithms for approximating polygonal curves in two-

dimensional space. *International Journal of Computational Geometry and Applications (IJCGA)*, 13(2):95–??, April 2003. CODEN IJCAEV. ISSN 0218-1959.

Charlton:2012:GC

[CDD+12] David Charlton, Erik D. Demaine, Martin L. Demaine, Vida Dujmović, Pat Morin, and Ryuhei Uehara. Ghost chimneys. *International Journal of Computational Geometry and Applications (IJCGA)*, 22(3): 207–??, June 2012. CODEN IJCAEV. ISSN 0218-1959.

Cabello:2009:MAO

[CDG+09] Sergio Cabello, Mark De Berg, Panos Giannopoulos, Christian Knauer, René Van Oostrum, and Remco C. Veltkamp. Maximizing the area of overlap of two unions of disks under rigid motion. *International Journal of Computational Geometry and Applications (IJCGA)*, 19(6):533–556, December 2009. CODEN IJCAEV. ISSN 0218-1959.

Carmi:2015:MDS

[CDJ+15] Paz Carmi, Gautam K. Das, Ramesh K. Jallu, Subhas C. Nandy, Prajwal R. Prasad, and Yael Stein. Minimum dominating set problem for unit disks revisited. *International Journal of Computational Geometry and Applications (IJCGA)*, 25 (3):??, September 2015. CODEN IJCAEV. ISSN 0218-1959.

Chen:2001:GPQ

[CDK01] Danny Z. Chen, Ovidiu Daescu, and Kevin S. Klenk. On geometric path query problems. *International Journal of Computational Geometry and Applications (IJCGA)*, 11(6):617–??, 2001. CODEN IJCAEV. ISSN 0218-1959.

Calinescu:2005:SPA

[CDKW05] Gruia Călinescu, Adrian Dumitrescu, Howard Karloff, and Peng-Jun Wan. Separating points by axis-parallel lines. *International Journal of Computational Geometry and Applications (IJCGA)*, 15(6):575–??, December 2005. CODEN IJCAEV. ISSN 0218-1959.

Cheng:2005:QMP

[CDRR05] Siu-Wing Cheng, Tamal K. Dey, Edgar A. Ramos, and Tathagata Ray. Quality meshing of polyhedra with small angles. *International Journal of Computational Geometry and Applications (IJCGA)*, 15(4): 421–??, August 2005. CODEN IJCAEV. ISSN 0218-1959.

Chen:2001:CSC

[CDWK01] Wei Chen, Xiaowen Deng, Koichi Wada, and K. Kawaguchi. Constructing a strongly convex superhull of points. *International Journal of Computational Geometry and Applications (IJCGA)*, 11(5):487–502, 2001. CODEN IJCAEV. ISSN 0218-1959.

Cheong:2007:PSQ

[CEK+07] Otfried Cheong, Hazel Everett, Hyo-Sil Kim, Sylvain Lazard, and René Schott. Parabola separation queries and their application to stone throwing. *International Journal of Computational Geometry and Applications (IJCGA)*, 17(4):349–360, August 2007. CODEN IJCAEV. ISSN 0218-1959.

Czyzowicz:1997:STP

[CER97] Jurek Czyzowicz, Hazel Everett, and Jean-Marc Robert. Separating translates in the plane: Combinatorial bounds and an algorithm. *International Journal of Computational Geometry and Applications (IJCGA)*, 7(6):551–??, December 1997. CODEN IJCAEV. ISSN 0218-1959.

Cavazza:2015:EMP

[CFL15] Niccolò Cavazza, Massimo Ferri, and Claudia Landi. Estimating multidimensional persistent homology through a finite sampling. *International Journal of Computational Geometry and Applications (IJCGA)*, 25(3):??, September 2015. CODEN IJCAEV. ISSN 0218-1959.

Crauser:2001:REM

[CFM+01] A. Crauser, P. Ferragina, K. Mehlhorn, U. Meyer, and E. A. Ramos. Randomized external-memory algorithms for line segment intersection and other geometric problems. *International Journal of Computational Geometry and Applications (IJCGA)*, 11(3):305–337, 2001. CODEN IJCAEV. ISSN 0218-1959.

Cortes:2012:RBS

[CGG+12] Carmen Cortés, Delia Garijo, María Ángeles Garrido, Clara I. Grima, Alberto Márquez, Auxiliadora Moreno-González, Jesús Valenzuela, and María Trinidad Villar. Reporting bichromatic segment intersections from point sets. *International Journal of Computational Geometry and Applications (IJCGA)*, 22(5):421–??, October 2012. CODEN IJCAEV. ISSN 0218-1959.

Chuon:2011:SCB

[CGJS11] Chansophea Chuon, Sumanta Guha, Paul Janecek, and Nguyen Duc Cong Song. Simplipoly: Curvature-based polygonal curve simplification. *International Journal of Computational Geometry and Applications (IJCGA)*, 21(4):417–429, August 2011. CODEN IJCAEV. ISSN 0218-1959.

Chan:2001:ESD

[Cha01] Timothy M. Chan. On enumerating and selecting distances. *International Journal of Computational Geometry and Applications (IJCGA)*, 11(3):291–304, 2001. CODEN IJCAEV. ISSN 0218-1959.

Chan:2002:ADW

[Cha02] Timothy M. Chan. Approximating the diameter, width, smallest enclosing cylinder, and minimum-width annulus. *International Journal of Computational Geometry and Applications (IJCGA)*, 12(1–2):67–??, 2002. CODEN IJCAEV. ISSN 0218-1959.

Chan:2012:TPA

[Cha12] Timothy M. Chan. Three problems about dynamic convex hulls. *International Journal of Computational Geometry and Applications (IJCGA)*, 22 (4):341–??, August 2012. CODEN IJCAEV. ISSN 0218-1959.

Chen:1998:DWV

[Che98] Danny Z. Chen. Determining weak visibility of a polygon from an edge in parallel. *International Journal of Computational Geometry and Applications (IJCGA)*, 8(3):277–??, June 1998. CODEN IJCAEV. ISSN 0218-1959.

Chen:2010:GSA

[Che10] Eric Y. Chen. Geometric streaming algorithm with a sorting primitive. *International Journal of Computational Geometry and Applications (IJCGA)*, 20(1):3–18, February 2010. CODEN IJCAEV. ISSN 0218-1959.

Chen:2004:GAS

[CHL+04] Danny Z. Chen, Xiaobo S. Hu, Shuang (Sean) Luan, Chao Wang, and Xiaodong Wu. Geometric algorithms for static leaf sequencing problems in radiation therapy. *International Journal of Computational Geometry and Applications (IJCGA)*, 14(4–5):311–??, October 2004. CODEN IJCAEV. ISSN 0218-1959.

Chen:2006:GGA

[CHL+06] Danny Z. Chen, Xiaobo X. Hu, Shuang Luan, Shahid A. Naqvi, Chao Wang, and Cedric X. Yu. Generalized geometric approaches for leaf sequencing problems in radiation therapy. *International Journal of Computational Geometry and Applications (IJCGA)*, 16(2–3):175–??, June 2006. CODEN IJCAEV. ISSN 0218-1959.

Chao:2013:GEF

[CHL13] Kun-Mao Chao, Tsan-Sheng Hsu, and Der-Tsai Lee. Guest Editors' foreword. *International Journal of Computational Geometry and Applications (IJCGA)*, 23(6):425–??, December 2013. CODEN IJCAEV. ISSN 0218-1959.

Choset:1999:NAC

[Cho99] Howie Choset. Nonsmooth analysis, convex analysis, and their applications to motion planning. *International Journal of Computational Geometry and Applications (IJCGA)*, 9(4–5):447–??, 1999. CODEN IJCAEV. ISSN 0218-1959.

Cano:2014:SSP

[CHU14] Javier Cano, Ferran Hurtado, and Jorge Urrutia. Stabbing simplices of point sets with k-flats. *International Journal of Computational Geometry and Applications (IJCGA)*, 24(3): 237–??, September 2014. CODEN IJCAEV. ISSN 0218-1959.

Chen:2002:OPC

[CHW02] Danny Z. Chen, Xiaobo S. Hu, and Xiaodong Wu. Optimal polygon cover problems and applications. *International Journal of Computational Geometry and Applications (IJCGA)*, 12 (4):309–??, August 2002. CODEN IJCAEV. ISSN 0218-1959.

Chen:2008:MRB

[CHW+08] Danny Z. Chen, Xiaobo S. Hu, Chao Wang, Shuang Luan, and Xiaodong Wu. Mountain reduction, block matching, and applications in intensity-modulated radiation therapy. *International Journal of Computational Geometry and Applications (IJCGA)*, 18(1-2):63–106, April 2008. CODEN IJCAEV. ISSN 0218-1959.

Chwa:2006:GAG

[CJK+06] Kyung-Yong Chwa, Byung-Cheol Jo, Christian Knauer, Esther Moet, René Van Oostrum, and Chan-Su Shin. Guarding art galleries by guarding witnesses. *International Journal of Computational Geometry and Applications (IJCGA)*, 16(2–3):205–??, June 2006. CODEN IJCAEV. ISSN 0218-1959.

Cheng:2012:ASH

[CJVW12] Siu-Wing Cheng, Jiongxin Jin, Antoine Vigneron, and Yajun Wang. Approximate shortest homotopic paths in weighted regions. *International Journal of Computational Geometry and Applications (IJCGA)*, 22 (1):83–??, February 2012. CODEN IJCAEV. ISSN 0218-1959.

Cai:1997:CVI

[CK97a] Leizhen Cai and J. Mark Keil. Computing visibility information in an inaccurate simple polygon. *International Journal of Computational Geometry and Applications (IJCGA)*, 7(6):515–??, December 1997. CODEN IJCAEV. ISSN 0218-1959.

Chrobak:1997:CGD

[CK97b] Marek Chrobak and Goos Kant. Convex grid drawings of 3-connected planar graphs. *International Journal of Computational Geometry and Applications (IJCGA)*, 7(3):211–??, June 1997. CODEN IJCAEV. ISSN 0218-1959.

Culver:2003:HAD

[CKMK03] Tim Culver, John Keyser, Dinesh Manocha, and Shankar Krishnan. A hybrid approach for determinant signs of

moderate-sized matrices. *International Journal of Computational Geometry and Applications (IJCGA)*, 13(5):399–??, October 2003. CODEN IJCAEV. ISSN 0218-1959.

Chan:1993:LAN

[CL93] Kwong-Fai Chan and Tak Wah Lam. An on-line algorithm for navigating in an unknown environment. *International Journal of Computational Geometry and Applications (IJCGA)*, 3(??):227–244, 1993. CODEN IJCAEV. ISSN 0218-1959.

Chen:2009:EF

[CL09] Danny Z. Chen and D. T. Lee. Editors' foreword. *International Journal of Computational Geometry and Applications (IJCGA)*, 19(3):213–214, June 2009. CODEN IJCAEV. ISSN 0218-1959.

Cheong:2013:SSD

[CL13] Otfried Cheong and Changryeol Lee. Single-source dilation-bounded minimum spanning trees. *International Journal of Computational Geometry and Applications (IJCGA)*, 23(3): 159–??, June 2013. CODEN IJCAEV. ISSN 0218-1959.

Cheng:2017:APL

[CL17] Siu-Wing Cheng and Man-Kit Lau. Adaptive point location in planar convex subdivisions. *International Journal of Computational Geometry and Applications (IJCGA)*, 27(1–2):3–12, March/June 2017. CODEN IJCAEV. ISSN 0218-1959.

Chen:2005:LPS

[CLL05] Yu-Shin Chen, D. T. Lee, and Chung-Shou Liao. Labeling points on a single line. *International Journal of Computational Geometry and Applications (IJCGA)*, 15(3):261–??, June 2005. CODEN IJCAEV. ISSN 0218-1959.

Cardinal:2009:PGT

[CLLP09] Jean Cardinal, Martine Labbé, Stefan Langerman, and Belén Palop. Pricing geometric transportation networks. *International Journal of Computational Geometry and Applications (IJCGA)*, 19(6):507–520, December 2009. CODEN IJCAEV. ISSN 0218-1959.

Chazal:2007:NMB

[CLR07] Frederic Chazal, Andre Lieutier, and Jarek Rossignac. Normal-map between normal-compatible manifolds. *International Journal of Computational Geometry and Applications (IJCGA)*, 17(5):403–421, October 2007. CODEN IJCAEV. ISSN 0218-1959.

Chazal:2010:BMH

[CLRW10] Frédéric Chazal, André Lieutier, Jarek Rossignac, and Brian Whited. Ball-map: Homeomorphism between compatible surfaces. *International Journal of Computational Geometry and Applications (IJCGA)*, 20(3):285–306,

June 2010. CODEN IJCAEV. ISSN 0218-1959.

Chen:2003:TPA

[CLX03] Danny Z. Chen, Shuang Luan, and Jinhui Xu. Topological peeling and applications. *International Journal of Computational Geometry and Applications (IJCGA)*, 13(2):135–??, April 2003. CODEN IJCAEV. ISSN 0218-1959.

Chen:2010:FMO

[CM10] Danny Z. Chen and Ewa Misiołek. Finding many optimal paths without growing any optimal path trees. *International Journal of Computational Geometry and Applications (IJCGA)*, 20(4):449–469, August 2010. CODEN IJCAEV. ISSN 0218-1959.

Chen:2011:FFS

[CM11] Danny Z. Chen and Ewa Misiołek. Free-form surface partition in 3-D. *International Journal of Computational Geometry and Applications (IJCGA)*, 21(6):609–634, December 2011. CODEN IJCAEV. ISSN 0218-1959.

Cohen:2003:SMA

[CMO03] Jonathan Cohen, Dinesh Manocha, and Marc Olano. Successive mappings: An approach to polygonal mesh simplification with guaranteed error bounds. *International Journal of Computational Geometry and Applications (IJCGA)*, 13(1):61–??, February 2003. CODEN IJCAEV. ISSN 0218-1959.

Chepoi:2010:PES

[CNTV10] Victor Chepoi, Karim Nouioua, Edouard Thiel, and Yann Vaxès. Pareto envelopes in simple polygons. *International Journal of Computational Geometry and Applications (IJCGA)*, 20(6):707–721, December 2010. CODEN IJCAEV. ISSN 0218-1959.

Cheong:2012:GEF

[CO12] Otfried Cheong and Yoshio Okamoto. Guest Editors' foreword. *International Journal of Computational Geometry and Applications (IJCGA)*, 22(1):1–??, February 2012. CODEN IJCAEV. ISSN 0218-1959.

Collins:2004:CSP

[Col04] Michael J. Collins. Covering a set of points with a minimum number of turns. *International Journal of Computational Geometry and Applications (IJCGA)*, 14(1–2):105–??, April 2004. CODEN IJCAEV. ISSN 0218-1959.

Cazals:2005:DTG

[CP05] Frédéic Cazals and Marc Pouget. Differential topology and geometry of smooth embedded surfaces: Selected topics. *International Journal of Computational Geometry and Applications (IJCGA)*, 15(5): 511–??, October 2005. CODEN IJCAEV. ISSN 0218-1959.

Chakraborty:2018:HTT

[CPRS18] Sourav Chakraborty, Rameshwar Pratap, Sasanka Roy, and Shubhangi Saraf. Helly-type theorems in property testing. *International Journal of Computational Geometry and Applications (IJCGA)*, 28(4):365–379, December 2018. ISSN 0218-1959. URL `https://www.worldscientific.com/doi/10.1142/S0218195918500115`.

Christof:2001:DPT

[CR01] Thomas Christof and Gerhard Reinelt. Decomposition and parallelization techniques for enumerating the facets of combinatorial polytopes. *International Journal of Computational Geometry and Applications (IJCGA)*, 11(4):423–437, 2001. CODEN IJCAEV. ISSN 0218-1959.

Chan:2006:GOP

[CS06] Timothy M. Chan and Bashir S. Sadjad. Geometric optimization problems over sliding windows. *International Journal of Computational Geometry and Applications (IJCGA)*, 16(2–3):145–??, June 2006. CODEN IJCAEV. ISSN 0218-1959.

Czyzowicz:1999:IS

[CSU99] J. Czyzowicz, I. Stojmenovic, and J. Urrutia. Immobilizing a shape. *International Journal of Computational Geometry and Applications (IJCGA)*, 9(2):181–??, 1999. CODEN IJCAEV. ISSN 0218-1959.

Chen:2005:GAD

[CSX05] Danny Z. Chen, Michiel Smid, and Bin Xu. Geometric algorithms for density-based data clustering. *International Journal of Computational Geometry and Applications (IJCGA)*, 15(3):239–??, June 2005. CODEN IJCAEV. ISSN 0218-1959.

Choi:1997:AES

[CSY97] Joonsoo Choi, Juergen Sellen, and Chee-Keng Yap. Approximate Euclidean shortest paths in 3-space. *International Journal of Computational Geometry and Applications (IJCGA)*, 7(4):271–??, August 1997. CODEN IJCAEV. ISSN 0218-1959.

Chiang:1992:DTM

[CT92] Y.-J. Chiang and R. Tamassia. Dynamization of the trapezoid method for planar point location. *International Journal of Computational Geometry and Applications (IJCGA)*, 2(??):311–333, 1992. CODEN IJCAEV. ISSN 0218-1959.

Chiang:1997:OSP

[CT97] Yi-Jen Chiang and Roberto Tamassia. Optimal shortest path and minimum — link path queries between two convex polygons inside a simple polygonal obstacle. *International Journal of Computational Geometry and Applications (IJCGA)*, 7(1–2):85–??, February–April 1997. CODEN IJCAEV. ISSN 0218-1959.

Chew:2005:GEF

[CÜ05] Paul Chew and Alper Üngör. Guest Editors' foreword. *International Journal of Computational Geometry and Applications (IJCGA)*, 15(1):1–??, February 2005. CODEN IJCAEV. ISSN 0218-1959.

Cheong:2007:IHP

[CVG+07] Jae-Sook Cheong, A. Frank Van Der Stappen, Ken Goldberg, Mark H. Overmars, and Elon Rimon. Immobilizing hinged polygons. *International Journal of Computational Geometry and Applications (IJCGA)*, 17 (1):45–69, February 2007. CODEN IJCAEV. ISSN 0218-1959.

Cheong:2001:RPD

[CvO01] Otfried Cheong and René van Oostrum. Reaching a polygon with directional uncertainty. *International Journal of Computational Geometry and Applications (IJCGA)*, 11(2): 197–214, 2001. CODEN IJCAEV. ISSN 0218-1959.

Cheong:2011:RNN

[CVY11] Otfried Cheong, Antoine Vigneron, and Juyoung Yon. Reverse nearest neighbor queries in fixed dimension. *International Journal of Computational Geometry and Applications (IJCGA)*, 21(2):179–188, April 2011. CODEN IJCAEV. ISSN 0218-1959.

Chen:2012:FSF

[CW12a] Danny Z. Chen and Haitao Wang. Fitting a step function to a point set with outliers based on simplicial thickness data structures. *International Journal of Computational Geometry and Applications (IJCGA)*, 22(3):215–??, June 2012. CODEN IJCAEV. ISSN 0218-1959.

Chen:2012:LOL

[CW12b] Danny Z. Chen and Haitao Wang. Locating an obnoxious line among planar objects. *International Journal of Computational Geometry and Applications (IJCGA)*, 22(5):391–??, October 2012. CODEN IJCAEV. ISSN 0218-1959.

Chen:1998:FCH

[CWKC98] Wei Chen, Koichi Wada, Kimio Kawaguchi, and Danny Z. Chen. Finding the convex hull of discs in parallel. *International Journal of Computational Geometry and Applications (IJCGA)*, 8(3):305–??, June 1998. CODEN IJCAEV. ISSN 0218-1959.

Chen:2002:ISA

[CWW02] Danny Z. Chen, Jie Wang, and Xiaodong Wu. Image segmentation with asteroidality/ tubularity and smoothness constraints. *International Journal of Computational Geometry and Applications (IJCGA)*, 12 (5):413–??, October 2002. CO-

DEN IJCAEV. ISSN 0218-1959.

Cheng:2008:PDD

[CWW08] Siu-Wing Cheng, Yajun Wang, and Zhuangzhi Wu. Provable dimension detection using principal component analysis. *International Journal of Computational Geometry and Applications (IJCGA)*, 18(5):415–440, October 2008. CODEN IJCAEV. ISSN 0218-1959.

Chang:2017:IAG

[CY17] Yi-Jun Chang and Hsu-Chun Yen. Improved algorithms for grid-unfolding orthogonal polyhedra. *International Journal of Computational Geometry and Applications (IJCGA)*, 27(1–2): 33–56, March/June 2017. CODEN IJCAEV. ISSN 0218-1959.

DaFonseca:2011:FFP

[Da 11] Guilherme D. Da Fonseca. Fitting flats to points with outliers. *International Journal of Computational Geometry and Applications (IJCGA)*, 21(5): 559–569, October 2011. CODEN IJCAEV. ISSN 0218-1959.

Dey:1992:GTT

[DB92] T. K. Dey and C. Bajaj. On good triangulations in three dimensions. *International Journal of Computational Geometry and Applications (IJCGA)*, 2(1):75–95, 1992. CODEN IJCAEV. ISSN 0218-1959.

deBerg:2017:GEF

[dBDE17] Mark de Berg, Adrian Dumitrescu, and Khaled Elbassioni. Guest Editors' foreword. *International Journal of Computational Geometry and Applications (IJCGA)*, 27(1–2):1–2, March/June 2017. CODEN IJCAEV. ISSN 0218-1959.

deBerg:2019:FDH

[dBGR19] Mark de Berg, Ade Gunawan, and Marcel Roeloffzen. Faster DBSCAN and HDBSCAN in low-dimensional Euclidean spaces. *International Journal of Computational Geometry and Applications (IJCGA)*, 29(1):21–47, March 2019. ISSN 0218-1959. URL `https://www.worldscientific.com/doi/10.1142/S0218195919400028`.

Diaz-Banez:2006:AVD

[DBGV06] J. M. Díaz-Báñez, F. Gómez, and I. Ventura. The anchored Voronoi diagram: Static, dynamic versions and applications. *International Journal of Computational Geometry and Applications (IJCGA)*, 16(4): 315–??, August 2006. CODEN IJCAEV. ISSN 0218-1959.

Diaz-Banez:2003:LEA

[DBHM+03] J. M. Díaz-Báñez, F. Hurtado, H. Meijer, D. Rappaport, and J. A. Sellarès. The largest empty annulus problem. *International Journal of Computational Geometry and Applications (IJCGA)*, 13(4):317–??,

August 2003. CODEN IJCAEV. ISSN 0218-1959.

deBerg:1997:SAN

[dBHOvK97] Mark de Berg, Dan Halperin, Mark Overmars, and Marc van Kreveld. Sparse arrangements and the number of views of polyhedral scenes. *International Journal of Computational Geometry and Applications (IJCGA)*, 7(3):175–??, June 1997. CODEN IJCAEV. ISSN 0218-1959.

Diaz-Banez:2014:EF

[DBKU14] J. M. Díaz-Báñez, R. Klein, and J. Urrutia. Editors' foreword. *International Journal of Computational Geometry and Applications (IJCGA)*, 24(3):173–??, September 2014. CODEN IJCAEV. ISSN 0218-1959.

deBerg:2019:FDK

[dBLM+19] Mark de Berg, Tim Leijsen, Aleksandar Markovic, André van Renssen, Marcel Roeloffzen, and Gerhard Woeginger. Fully-dynamic and kinetic conflict-free coloring of intervals with respect to points. *International Journal of Computational Geometry and Applications (IJCGA)*, 29(1):49–72, March 2019. ISSN 0218-1959. URL `https://www.worldscientific.com/doi/10.1142/S021819591940003X`.

deBerg:2002:GEF

[dBS02] Mark de Berg and Stefan Schirra. Guest Editor's foreword. *International Journal of Computational Geometry and Applications (IJCGA)*, 12(1–2):1–??, 2002. CODEN IJCAEV. ISSN 0218-1959.

DeMeneses:2000:ESR

[DD00] C. N. De Meneses and C. C. De Souza. Exact solutions of rectangular partitions via integer programming. *International Journal of Computational Geometry and Applications (IJCGA)*, 10(5):477–??, 2000. CODEN IJCAEV. ISSN 0218-1959.

De:2013:AAV

[DDCN13] Minati De, Gautam K. Das, Paz Carmi, and Subhas C. Nandy. Approximation algorithms for a variant of discrete piercing set problem for unit disks. *International Journal of Computational Geometry and Applications (IJCGA)*, 23(6):461–??, December 2013. CODEN IJCAEV. ISSN 0218-1959.

Devillers:2007:MVI

[DDE+07] Olivier Devillers, Vida Dujmović, Hazel Everett, Samuel Hornus, Sue Whitesides, and Steve Wismath. Maintaining visibility information of planar point sets with a moving viewpoint. *International Journal of Computational Geometry and Applications (IJCGA)*, 17(4):297–304, August 2007. CODEN IJCAEV. ISSN 0218-1959.

Giacomo:2010:CPS

[DDL+10] Emilio Di Giacomo, Walter Didimo, Giuseppe Liotta, Henk Meijer, and Stephen K. Wismath. Constrained point-set embeddability of planar graphs. *International Journal of Computational Geometry and Applications (IJCGA)*, 20(5):577–600, October 2010. CODEN IJCAEV. ISSN 0218-1959.

Dehkordi:2012:EOP

[DE12] Hooman Reisi Dehkordi and Peter Eades. Every outer-1-plane graph has a right angle crossing drawing. *International Journal of Computational Geometry and Applications (IJCGA)*, 22(6):543–??, December 2012. CODEN IJCAEV. ISSN 0218-1959.

Devillers:2003:MSC

[DEG+03] Olivier Devillers, Regina Estkowski, Pierre-Marie Gandoin, Ferran Hurtado, Pedro Ramos, and Vera Sacristán. Minimal set of constraints for 2 d constrained Delaunay reconstruction. *International Journal of Computational Geometry and Applications (IJCGA)*, 13(5): 391–??, October 2003. CODEN IJCAEV. ISSN 0218-1959.

Demaine:2005:SPS

[DEH+05] Erik D. Demaine, Jeff Erickson, Ferran Hurtado, John Iacono, Stefan Langerman, Henk Meijer, Mark Overmars, and Sue Whitesides. Separating point sets in polygonal environments. *International Journal of Computational Geometry and Applications (IJCGA)*, 15(4):403–??, August 2005. CODEN IJCAEV. ISSN 0218-1959.

Devillers:1992:RYS

[Dev92] O. Devillers. Randomization yields simple $O(n \log^* n)$ algorithms for difficult $\Omega(n)$ problems. *International Journal of Computational Geometry and Applications (IJCGA)*, 2(1):97–111, 1992. CODEN IJCAEV. ISSN 0218-1959.

Devillers:2002:DDT

[Dev02] Olivier Devillers. On deletion in Delaunay triangulations. *International Journal of Computational Geometry and Applications (IJCGA)*, 12(3):193–??, 2002. CODEN IJCAEV. ISSN 0218-1959.

Dey:1997:EAD

[Dey97] Tamal K. Dey. Efficient algorithms to detect null-homologous cycles on 2-manifolds. *International Journal of Computational Geometry and Applications (IJCGA)*, 7 (3):167–??, June 1997. CODEN IJCAEV. ISSN 0218-1959.

dAmore:2018:LAD

[dF18] Fabrizio d'Amore and Paolo G. Franciosa. A low arithmetic-degree algorithm for computing proximity graphs. *International Journal of Computational Geometry and Applications (IJCGA)*, 28(3):??,

September 2018. ISSN 0218-1959.

daFonseca:2017:SCO

[dFdSdF17] Guilherme D. da Fonseca, Vinícius Gusmão Pereira de Sá, and Celina Miraglia Herrera de Figueiredo. Shifting coresets: Obtaining linear-time approximations for unit disk graphs and other geometric intersection graphs. *International Journal of Computational Geometry and Applications (IJCGA)*, 27(4):255–??, December 2017. CODEN IJCAEV. ISSN 0218-1959.

Durocher:2018:CDM

[DFL+18] Stephane Durocher, Robert Fraser, Alexandre Leblanc, Jason Morrison, and Matthew Skala. On combinatorial depth measures. *International Journal of Computational Geometry and Applications (IJCGA)*, 28(4):381–398, December 2018. ISSN 0218-1959. URL `https://www.worldscientific.com/doi/10.1142/S0218195918500127`.

Das:2012:DUD

[DFLON12] Gautam K. Das, Robert Fraser, Alejandro Lóopez-Ortiz, and Bradford G. Nickerson. On the discrete unit disk cover problem. *International Journal of Computational Geometry and Applications (IJCGA)*, 22(5):407–??, October 2012. CODEN IJCAEV. ISSN 0218-1959.

Devillers:1998:DBP

[DG98] Olivier Devillers and Mordecai J. Golin. Dog bites postman: Point location in the moving Voronoi diagram and related problems. *International Journal of Computational Geometry and Applications (IJCGA)*, 8(3):321–??, June 1998. CODEN IJCAEV. ISSN 0218-1959.

DAmore:1999:IPS

[DG99] F. D'Amore and R. Giaccio. Intersection problems on segments under boundary updates with application to persistent lists. *International Journal of Computational Geometry and Applications (IJCGA)*, 9(6):553–??, 1999. CODEN IJCAEV. ISSN 0218-1959.

Devillers:2001:SB

[DG01] Olivier Devillers and Philippe Guigue. The shuffling buffer. *International Journal of Computational Geometry and Applications (IJCGA)*, 11(5):555–572, 2001. CODEN IJCAEV. ISSN 0218-1959.

Dakowicz:2003:EMS

[DG03] Maciej Dakowicz and Christopher Gold. Extracting meaningful slopes from terrain contours. *International Journal of Computational Geometry and Applications (IJCGA)*, 13(4):339–??, August 2003. CODEN IJCAEV. ISSN 0218-1959.

Berg:2013:CPP

[DG13] Mark De Berg and Dirk H. P. Gerrits. Computing push plans for disk-shaped robots. *International Journal of Computational Geometry and Applications (IJCGA)*, 23(1):29–??, February 2013. CODEN IJCAEV. ISSN 0218-1959.

Dumitrescu:2016:LBD

[DG16] Adrian Dumitrescu and Anirban Ghosh. Lower bounds on the dilation of plane spanners. *International Journal of Computational Geometry and Applications (IJCGA)*, 26(2):89–??, June 2016. CODEN IJCAEV. ISSN 0218-1959.

DiBattista:2000:DDA

[DGL+00] G. Di Battista, A. Garg, G. Liotta, A. Parise, R. Tamassia, E. Tassinari, F. Vargiu, and L. Vismara. Drawing directed acyclic graphs: An experimental study. *International Journal of Computational Geometry and Applications (IJCGA)*, 10 (6):623–??, 2000. CODEN IJCAEV. ISSN 0218-1959.

Das:2009:SCS

[DGN09] Sandip Das, Partha P. Goswami, and Subhas C. Nandy. Smallest color-spanning object revisited. *International Journal of Computational Geometry and Applications (IJCGA)*, 19(5):457–478, October 2009. CODEN IJCAEV. ISSN 0218-1959.

Dey:2008:CPD

[DGRS08] Tamal K. Dey, Joachim Giesen, Edgar A. Ramos, and Bardia Sadri. Critical points of distance to an ϵ-sampling of a surface and flow-complex-based surface reconstruction. *International Journal of Computational Geometry and Applications (IJCGA)*, 18(1-2):29–61, April 2008. CODEN IJCAEV. ISSN 0218-1959.

Dumitrescu:2013:CPC

[DH13] Adrian Dumitrescu and Masud Hasan. Cutting out polygons with a circular saw. *International Journal of Computational Geometry and Applications (IJCGA)*, 23(2):127–??, April 2013. CODEN IJCAEV. ISSN 0218-1959.

Duque:2015:UBK

[DHT15] Frank Duque and Carlos Hidalgo-Toscano. An upper bound on the k-modem illumination problem. *International Journal of Computational Geometry and Applications (IJCGA)*, 25(4):299–??, December 2015. CODEN IJCAEV. ISSN 0218-1959.

Demaine:2010:GVU

[DIL10] Erik D. Demaine, John Iacono, and Stefan Langerman. Grid vertex-unfolding orthostacks. *International Journal of Computational Geometry and Applications (IJCGA)*, 20(3):245–254, June 2010. CODEN IJCAEV. ISSN 0218-1959.

Devillers:1999:OLB

[DK99] O. Devillers and M. J. Katz. Optimal line bipartitions of point sets. *International Journal of Computational Geometry and Applications (IJCGA)*, 9(1):39–??, 1999. CODEN IJCAEV. ISSN 0218-1959.

Durocher:2006:SCS

[DK06] Stephane Durocher and David Kirkpatrick. The Steiner centre of a set of points: Stability, eccentricity, and applications to mobile facility location. *International Journal of Computational Geometry and Applications (IJCGA)*, 16(4):345–??, August 2006. CODEN IJCAEV. ISSN 0218-1959.

Durocher:2008:BVA

[DK08] Stephane Durocher and David Kirkpatrick. Bounded-velocity approximation of mobile Euclidean 2-centres. *International Journal of Computational Geometry and Applications (IJCGA)*, 18(3):161–183, June 2008. CODEN IJCAEV. ISSN 0218-1959.

DeBerg:2012:OBS

[DK12] Mark De Berg and Amirali Khosravi. Optimal binary space partitions for segments in the plane. *International Journal of Computational Geometry and Applications (IJCGA)*, 22(3):187–??, June 2012. CODEN IJCAEV. ISSN 0218-1959.

Dinitz:2009:GRP

[DKK09] Yefim Dinitz, Matthew J. Katz, and Roi Krakovski. Guarding rectangular partitions. *International Journal of Computational Geometry and Applications (IJCGA)*, 19(6):579–594, December 2009. CODEN IJCAEV. ISSN 0218-1959.

Durocher:2023:BCS

[DKMM23] Stephane Durocher, J. Mark Keil, Saeed Mehrabi, and Debajyoti Mondal. Bottleneck convex subsets: Finding k large convex sets in a point set. *International Journal of Computational Geometry and Applications (IJCGA)*, 33(1–2):25–41, March–June 2023. ISSN 0218-1959. URL `https://www.worldscientific.com/doi/10.1142/S0218195922410035`.

Dehne:2005:MVR

[DKS05] Frank Dehne, Rolf Klein, and Raimund Seidel. Maximizing a Voronoi region: the convex case. *International Journal of Computational Geometry and Applications (IJCGA)*, 15(5):463–??, October 2005. CODEN IJCAEV. ISSN 0218-1959.

Daescu:2006:CPL

[DL06] Ovidiu Daescu and Jun Luo. Cutting out polygons with lines and rays. *International Journal of Computational Geometry and Applications (IJCGA)*, 16(2–3):227–??, June 2006. CO-

DEN IJCAEV. ISSN 0218-1959.

DiGiacomo:2007:SEO

[DL07] Emilio Di Giacomo and Giuseppe Liotta. Simultaneous embedding of outerplanar graphs, paths, and cycles. *International Journal of Computational Geometry and Applications (IJCGA)*, 17(2):139–160, April 2007. CODEN IJCAEV. ISSN 0218-1959.

Durocher:2013:RNS

[DLMS13] Stephane Durocher, Alexandre Leblanc, Jason Morrison, and Matthew Skala. Robust nonparametric simplification of polygonal chains. *International Journal of Computational Geometry and Applications (IJCGA)*, 23(6):427–??, December 2013. CODEN IJCAEV. ISSN 0218-1959.

Dror:2006:TSM

[DLOP06] Moshe Dror, Yusin Lee, James B. Orlin, and Valentin Polishchuk. The TSP and the sum of its marginal values. *International Journal of Computational Geometry and Applications (IJCGA)*, 16(4):333–??, August 2006. CODEN IJCAEV. ISSN 0218-1959.

Doddi:2002:PSL

[DMM02] Srinivas R. Doddi, Madhav V. Marathe, and Bernard M. E. Moret. Point set labeling with specified positions. *International Journal of Computational Geometry and Applications (IJCGA)*, 12(1–2):29–??, 2002. CODEN IJCAEV. ISSN 0218-1959. URL `http://www.cs.unm.edu/~moret/papers.html`.

Santos:2011:EDL

[DMMH11] Thiago R. Dos Santos, Hans-Peter Meinzer, and Lena Maier-Hein. Extending the doubly linked face list for the representation of 2-pseudomanifolds and 2-manifolds with boundaries. *International Journal of Computational Geometry and Applications (IJCGA)*, 21(4):467–494, August 2011. CODEN IJCAEV. ISSN 0218-1959.

DeBerg:1998:CAT

[DMOW98] Mark De Berg, Henk Meijer, Mark Overmars, and Gordon Wilfong. Computing the angularity tolerance. *International Journal of Computational Geometry and Applications (IJCGA)*, 8(4):467–??, August 1998. CODEN IJCAEV. ISSN 0218-1959.

DeBerg:2010:OBR

[DMS10] Mark De Berg, Elena Mumford, and Bettina Speckmann. Optimal BSPs and rectilinear cartograms. *International Journal of Computational Geometry and Applications (IJCGA)*, 20(2):203–222, April 2010. CODEN IJCAEV. ISSN 0218-1959.

Das:1997:FAC

[DN97] Gautam Das and Giri Narasimhan. A fast algorithm for construct-

ing sparse Euclidean spanners. *International Journal of Computational Geometry and Applications (IJCGA)*, 7(4):297–??, August 1997. CODEN IJCAEV. ISSN 0218-1959.

Devillers:2018:WPP

[DN18] Olivier Devillers and Louis Noizet. Walking in a planar Poisson–Delaunay triangulation: Shortcuts in the Voronoi path. *International Journal of Computational Geometry and Applications (IJCGA)*, 28(3): ??, September 2018. ISSN 0218-1959.

Dillard:2009:TGT

[DNW+09] Scott E. Dillard, Vijay Natarajan, Gunther H. Weber, Valerio Pascucci, and Bernd Hamann. Topology-guided tessellation of quadratic elements. *International Journal of Computational Geometry and Applications (IJCGA)*, 19(2):195–211, April 2009. CODEN IJCAEV. ISSN 0218-1959.

Demaine:2000:CGC

[DO00] E. D. Demaine and J. O'Rourke. Computational geometry column 37. *International Journal of Computational Geometry and Applications (IJCGA)*, 10 (1):103–??, 2000. CODEN IJCAEV. ISSN 0218-1959.

Dumitrescu:2002:PCP

[DP02] Adrian Dumitrescu and János Pach. Partitioning colored point sets into monochromatic parts. *International Journal of Computational Geometry and Applications (IJCGA)*, 12(5): 401–??, October 2002. CODEN IJCAEV. ISSN 0218-1959.

Devillers:2003:CSP

[DP03] Olivier Devillers and Franco P. Preparata. Culling a set of points for roundness or cylindricity evaluations. *International Journal of Computational Geometry and Applications (IJCGA)*, 13(3):231–??, June 2003. CODEN IJCAEV. ISSN 0218-1959.

Devillers:2002:CRE

[DR02] Olivier Devillers and Pedro A. Ramos. Computing roundness is easy if the set is almost round. *International Journal of Computational Geometry and Applications (IJCGA)*, 12(3): 229–??, 2002. CODEN IJCAEV. ISSN 0218-1959.

Dutta:2020:ASP

[DR20] Binayak Dutta and Sasanka Roy. Approximate shortest paths in polygons with violations. *International Journal of Computational Geometry and Applications (IJCGA)*, 30 (01):79–95, March 2020. ISSN 0218-1959. URL `https://www.worldscientific.com/doi/10.1142/S0218195920500041`.

Dey:2002:FRC

[DW02] Tamal K. Dey and Rephael Wenger. Fast reconstruction of curves with sharp corners. *International Journal of Computational Geometry and Ap-*

plications (IJCGA), 12(5):353–??, October 2002. CODEN IJCAEV. ISSN 0218-1959.

Ebbers-Baumann:2007:EPS

[EBGK+07] Annette Ebbers-Baumann, Ansgar Grüne, Rolf Klein, Marek Karpinski, Christian Knauer, and Andrzej Lingas. Embedding point sets into plane graphs of small dilation. *International Journal of Computational Geometry and Applications (IJCGA)*, 17(3):201–230, June 2007. CODEN IJCAEV. ISSN 0218-1959.

Estivill-Castro:2015:IFC

[EC15] Vladimir Estivill-Castro. Is it FPT to cover points with tours on minimum number of bends (errata)? *International Journal of Computational Geometry and Applications (IJCGA)*, 25(1):11–??, March 2015. CODEN IJCAEV. ISSN 0218-1959. See [ECHS11].

Estivill-Castro:2011:FAM

[ECHS11] Vladimir Estivill-Castro, Apichat Heednacram, and Francis Suraweera. FPT-algorithms for minimum-bends tours. *International Journal of Computational Geometry and Applications (IJCGA)*, 21(2):189–213, April 2011. CODEN IJCAEV. ISSN 0218-1959. See errata [EC15].

Elbassioni:2011:FSC

[EEM11] Khaled Elbassioni, Amr Elmasry, and Kazuhisa Makino. Finding simplices containing the origin in two and three dimensions. *International Journal of Computational Geometry and Applications (IJCGA)*, 21(5):495–506, October 2011. CODEN IJCAEV. ISSN 0218-1959.

Eisenbrand:2007:PTN

[EFK+07] Friedrich Eisenbrand, Stefan Funke, Andreas Karrenbauer, Joachim Reichel, and Elmar Schömer. Packing a truck — now with a twist! *International Journal of Computational Geometry and Applications (IJCGA)*, 17(5):505–527, October 2007. CODEN IJCAEV. ISSN 0218-1959.

Eisenbrand:2008:EAS

[EFKM08] Friedrich Eisenbrand, Stefan Funke, Andreas Karrenbauer, and Domagoj Matijevic. Energy-aware stage illumination. *International Journal of Computational Geometry and Applications (IJCGA)*, 18(1-2): 107–129, April 2008. CODEN IJCAEV. ISSN 0218-1959.

Emiris:2013:OBO

[EFKP13] Ioannis Z. Emiris, Vissarion Fisikopoulos, Christos Konaxis, and Luis Peñaranda. An oracle-based, output-sensitive algorithm for projections of resultant polytopes. *International Journal of Computational Geometry and Applications (IJCGA)*, 23(4–5):397–??, 2013. CODEN IJCAEV. ISSN 0218-1959.

Efrat:2008:GEF

[Efr08] Alon Efrat. Guest Editor's foreword. *International Journal of Computational Geometry and Applications (IJCGA)*, 18 (1-2):1–2, April 2008. CODEN IJCAEV. ISSN 0218-1959.

Elbassioni:2009:AAE

[EFS09] Khaled Elbassioni, Aleksei V. Fishkin, and René Sitters. Approximation algorithms for the Euclidean traveling salesman problem with discrete and continuous neighborhoods. *International Journal of Computational Geometry and Applications (IJCGA)*, 19(2):173–193, April 2009. CODEN IJCAEV. ISSN 0218-1959.

Eppstein:2008:SQD

[EGS08] David Eppstein, Michael T. Goodrich, and Jonathan Z. Sun. Skip quadtrees: Dynamic data structures for multidimensional point sets. *International Journal of Computational Geometry and Applications (IJCGA)*, 18(1-2):131–160, April 2008. CODEN IJCAEV. ISSN 0218-1959.

Eder:2019:WVD

[EH19] Günther Eder and Martin Held. Weighted Voronoi diagrams in the maximum norm. *International Journal of Computational Geometry and Applications (IJCGA)*, 29(03):239–250, September 2019. ISSN 0218-1959. URL `https://www.worldscientific.com/doi/10.1142/S0218195919500079`.

Eder:2018:MMV

[EHP18] Günther Eder, Martin Held, and Peter Palfrader. Min-/max-volume roofs induced by bisector graphs of polygonal footprints of buildings. *International Journal of Computational Geometry and Applications (IJCGA)*, 28(4):309–340, December 2018. CODEN IJCAEV. ISSN 0218-1959. URL `https://www.worldscientific.com/doi/10.1142/S0218195918500097`.

Eder:2019:RGT

[EHP19] Günther Eder, Martin Held, and Peter Palfrader. Recognizing geometric trees as positively weighted straight skeletons and reconstructing their input. *International Journal of Computational Geometry and Applications (IJCGA)*, 29(03):251–267, September 2019. ISSN 0218-1959. URL `https://www.worldscientific.com/doi/10.1142/S0218195919500080`.

Everett:2007:ESV

[ELPZ07] Hazel Everett, Sylvain Lazard, Sylvain Petitjean, and Linqiao Zhang. On the expected size of the 2D visibility complex. *International Journal of Computational Geometry and Applications (IJCGA)*, 17(4):361–381, August 2007. CODEN IJCAEV. ISSN 0218-1959.

Emiris:1998:CIC

[Emi98] Ioannis Z. Emiris. A complete implementation for computing general dimensional convex hulls. *International Journal of Computational Geometry and Applications (IJCGA)*, 8(2):223–??, April 1998. CODEN IJCAEV. ISSN 0218-1959.

Evans:1998:SCM

[EMM98] Guy Evans, Alan Middleditch, and Nick Miles. Stable computation of the 2D medial axis transform. *International Journal of Computational Geometry and Applications (IJCGA)*, 8(5–6):577–??, October–December 1998. CODEN IJCAEV. ISSN 0218-1959.

Eppstein:1997:FCP

[Epp97] David Eppstein. Faster circle packing with application to nonobtuse triangulation. *International Journal of Computational Geometry and Applications (IJCGA)*, 7(5):485–??, October 1997. CODEN IJCAEV. ISSN 0218-1959.

Edelsbrunner:1997:TTS

[ES97] Herbert Edelsbrunner and Nimish R. Shah. Triangulating topological spaces. *International Journal of Computational Geometry and Applications (IJCGA)*, 7(4):365–??, August 1997. CODEN IJCAEV. ISSN 0218-1959.

Ensz:1998:IMG

[ESG98] Mark T. Ensz, Duane W. Storti, and Mark A. Ganter. Implicit methods for geometry creation. *International Journal of Computational Geometry and Applications (IJCGA)*, 8(5–6):509–??, October–December 1998. CODEN IJCAEV. ISSN 0218-1959.

ElOraiby:2011:CTS

[ESS11] Wael El Oraiby, Dominique Schmitt, and Jean-Claude Spehner. Centroid triangulations from k-sets. *International Journal of Computational Geometry and Applications (IJCGA)*, 21(6):635–659, December 2011. CODEN IJCAEV. ISSN 0218-1959.

Emiris:2008:PEV

[ETT08] Ioannis Z. Emiris, Elias P. Tsigaridas, and George M. Tzoumas. The predicates for the exact Voronoi diagram of ellipses under the Euclidean metric. *International Journal of Computational Geometry and Applications (IJCGA)*, 18(6): 567–597, December 2008. CODEN IJCAEV. ISSN 0218-1959.

Eppstein:2015:IGM

[EvKSS15] David Eppstein, Marc van Kreveld, Bettina Speckmann, and Frank Staals. Improved grid map layout by point set matching. *International Journal of Computational Geome-*

try and Applications (IJCGA), 25(2):??, June 2015. CODEN IJCAEV. ISSN 0218-1959.

Edelsbrunner:2000:ASG

[EW00] H. Edelsbrunner and R. Waupotitsch. Adaptive simplicial grids from cross-sections of monotone complexes. *International Journal of Computational Geometry and Applications (IJCGA)*, 10 (3):267–??, 2000. CODEN IJCAEV. ISSN 0218-1959.

Fischer:2004:SEB

[FG04] Kaspar Fischer and Bernd Gärtner. The smallest enclosing ball of balls: Combinatorial structure and algorithms. *International Journal of Computational Geometry and Applications (IJCGA)*, 14(4–5):341–??, October 2004. CODEN IJCAEV. ISSN 0218-1959.

Frahling:2008:SDD

[FIS08] Gereon Frahling, Piotr Indyk, and Christian Sohler. Sampling in dynamic data streams and applications. *International Journal of Computational Geometry and Applications (IJCGA)*, 18(1-2):3–28, April 2008. CODEN IJCAEV. ISSN 0218-1959.

Fekete:2018:CFC

[FK18] Sándor P. Fekete and Phillip Keldenich. Conflict-free coloring of intersection graphs. *International Journal of Computational Geometry and Applications (IJCGA)*, 28(3):??, September 2018. ISSN 0218-1959.

Fasy:2022:RGS

[FKMW22] Brittany Terese Fasy, Rafal Komendarczyk, Sushovan Majhi, and Carola Wenk. On the reconstruction of geodesic subspaces of $\mathbf{R}^N$. *International Journal of Computational Geometry and Applications (IJCGA)*, 32(1–2):91–117, March–June 2022. ISSN 0218-1959. URL `https://www.worldscientific.com/doi/10.1142/S0218195922500066`.

Froese:2017:FPG

[FKNN17] Vincent Froese, Iyad Kanj, André Nichterlein, and Rolf Niedermeier. Finding points in general position. *International Journal of Computational Geometry and Applications (IJCGA)*, 27(4):277–??, December 2017. CODEN IJCAEV. ISSN 0218-1959.

Fleischer:2006:GEF

[Fle06] Rudolf Fleischer. Guest Editor's foreword. *International Journal of Computational Geometry and Applications (IJCGA)*, 16(2–3):95–??, June 2006. CODEN IJCAEV. ISSN 0218-1959.

Fekete:2018:UGP

[FLMS18] Sándor P. Fekete, Qian Li, Joseph S. B. Mitchell, and Christian Scheffer. Universal guard problems. *International Journal of Computational Geometry and Applica-*

tions (IJCGA), 28(2):??, June 2018. ISSN 0218-1959.

Fekete:1997:HDS

[FM97] S. P. Fekete and J. S. B. Mitchell. Histogram decomposition and stereolithography. *International Journal of Computational Geometry and Applications (IJCGA)*, ??(??):??, 1997. CODEN IJCAEV. ISSN 0218-1959.

Fekete:1999:RBV

[FM99] S. P. Fekete and H. Meijer. Rectangle and box visibility graphs in 3D. *International Journal of Computational Geometry and Applications (IJCGA)*, 9(1):1–??, 1999. CODEN IJCAEV. ISSN 0218-1959.

Fekete:2001:TDL

[FM01] Sándor P. Fekete and Joseph S. B. Mitchell. Terrain decomposition and layered manufacturing. *International Journal of Computational Geometry and Applications (IJCGA)*, 11 (6):647–??, 2001. CODEN IJCAEV. ISSN 0218-1959.

Fabila-Monroy:2014:NNO

[FMHT14] Ruy Fabila-Monroy, Clemens Huemer, and Eulàlia Tramuns. Note on the number of obtuse angles in point sets. *International Journal of Computational Geometry and Applications (IJCGA)*, 24(3):177–??, September 2014. CODEN IJCAEV. ISSN 0218-1959.

Funke:2005:FPR

[FMR05] Stefan Funke, Theocharis Malamatos, and Rahul Ray. Finding planar regions in a terrain – in practice and with a guarantee. *International Journal of Computational Geometry and Applications (IJCGA)*, 15 (4):379–??, August 2005. CODEN IJCAEV. ISSN 0218-1959.

Falconer:2005:MLR

[FN05] Sean M. Falconer and Bradford G. Nickerson. On multilevel k-ranges for range search. *International Journal of Computational Geometry and Applications (IJCGA)*, 15(6):565–??, December 2005. CODEN IJCAEV. ISSN 0218-1959.

Freitag:2000:CBA

[FOG00] L. A. Freitag and C. Ollivier-Gooch. A cost/benefit analysis of simplicial mesh improvement techniques as measured by solution efficiency. *International Journal of Computational Geometry and Applications (IJCGA)*, 10(4):361–??, 2000. CODEN IJCAEV. ISSN 0218-1959.

Fortune:1995:NSA

[For95] S. J. Fortune. Numerical stability of algorithms for 2D Delaunay triangulations. *International Journal of Computational Geometry and Applications (IJCGA)*, 5(??):193–213, 1995. CODEN IJCAEV. ISSN 0218-1959.

Fortune:1997:EF

[For97] Steven Fortune. Editor's foreword. *International Journal of Computational Geometry and Applications (IJCGA)*, 7(4):269–??, August 1997. CODEN IJCAEV. ISSN 0218-1959.

Fu:2008:MDW

[FOX08] Bin Fu, Sorinel A. Oprisan, and Lizhe Xu. Multi-directional width-bounded geometric separator and protein folding. *International Journal of Computational Geometry and Applications (IJCGA)*, 18(5):389–413, October 2008. CODEN IJCAEV. ISSN 0218-1959.

Fjallstrom:1998:ERS

[FPNZ98] Per-Olof Fjällström, Jan Petersson, Larsgunnar Nilsson, and Zhi-Hua Zhong. Evaluation of range searching methods for contact searching in mechanical engineering. *International Journal of Computational Geometry and Applications (IJCGA)*, 8(1):67–??, February 1998. CODEN IJCAEV. ISSN 0218-1959.

Farouki:1998:SPC

[FR98] Rida T. Farouki and Rajesh Ramamurthy. Specified-precision computation of curve/curve bisectors. *International Journal of Computational Geometry and Applications (IJCGA)*, 8(5–6):599–??, October–December 1998. CODEN IJCAEV. ISSN 0218-1959.

Frati:2008:MAP

[Fra08] Fabrizio Frati. On minimum area planar upward drawings of directed trees and other families of directed acyclic graphs. *International Journal of Computational Geometry and Applications (IJCGA)*, 18(3):251–271, June 2008. CODEN IJCAEV. ISSN 0218-1959.

Frahling:2008:FKM

[FS08] Gereon Frahling and Christian Sohler. A fast k-means implementation using coresets. *International Journal of Computational Geometry and Applications (IJCGA)*, 18(6):605–625, December 2008. CODEN IJCAEV. ISSN 0218-1959.

Follert:1997:CLE

[FSS+97] Frank Follert, Elmar Schömer, Jürgen Sellen, Michiel Smid, and Christian Thiel. Computing a largest empty anchored cylinder, and related problems. *International Journal of Computational Geometry and Applications (IJCGA)*, 7(6):563–??, December 1997. CODEN IJCAEV. ISSN 0218-1959.

Fink:2003:PSV

[FW03] Eugene Fink and Derick Wood. Planar strong visibility. *International Journal of Computational Geometry and Applications (IJCGA)*, 13(2):173–??, April 2003. CODEN IJCAEV. ISSN 0218-1959.

Gavrilova:2005:GEF

[Gav05] Marina L. Gavrilova. Guest Editors' foreword. *International Journal of Computational Geometry and Applications (IJCGA)*, 15(2):99–??, April 2005. CODEN IJCAEV. ISSN 0218-1959.

Gavrilova:2009:DSM

[Gav09a] Marina L. Gavrilova. Determining a set of maximum inscribed rectangles for label placement in a region. *International Journal of Computational Geometry and Applications (IJCGA)*, 19 (4):341–356, August 2009. CODEN IJCAEV. ISSN 0218-1959.

Gavrilova:2009:ESC

[Gav09b] Marina L. Gavrilova. An explicit solution for computing the vertices of the Euclidean d-dimensional Voronoi diagram of spheres in a floating-point arithmetic. *International Journal of Computational Geometry and Applications (IJCGA)*, 19(5):415–424, October 2009. CODEN IJCAEV. ISSN 0218-1959.

Grossman:2013:MCC

[GBRT13] P. A. Grossman, M. Brazil, J. H. Rubinstein, and D. A. Thomas. Minimal curvature-constrained paths in the plane with a constraint on arcs with opposite orientations. *International Journal of Computational Geometry and Applications (IJCGA)*, 23(3):171–??, June 2013. CODEN IJCAEV. ISSN 0218-1959.

Ganley:1997:ICO

[GC97] Joseph L. Ganley and J. P. Cohoon. Improved computation of optimal rectilinear Steiner minimal trees. *International Journal of Computational Geometry and Applications (IJCGA)*, 7(5):457–??, October 1997. CODEN IJCAEV. ISSN 0218-1959.

Gupta:2021:SMO

[GGBK21] Prashant Gupta, Yiran Guo, Narasimha Boddeti, and Bala Krishnamoorthy. SFCDecomp: Multicriteria optimized tool path planning in 3D printing using space-filling curve based domain decomposition. *International Journal of Computational Geometry and Applications (IJCGA)*, 31(4):193–220, December 2021. ISSN 0218-1959. URL `https://www.worldscientific.com/doi/10.1142/S0218195921500096`.

Guibas:1998:PAP

[GHH+98] Leonidas J. Guibas, Dan Halperin, Hirohisa Hirukawa, Jean-Claude Latombe, and Randall H. Wilson. Polyhedral assembly partitioning using maximally covered cells in arrangements of convex polytopes. *International Journal of Computational Geometry and Applications (IJCGA)*, 8(2): 179–??, April 1998. CODEN IJCAEV. ISSN 0218-1959.

Galtier:2003:SEF

[GHN+03] Jerôme Galtier, Ferran Hurtado, Marc Noy, Stéphane Pérennes, and Jorge Urrutia. Simultaneous edge flipping in triangulations. *International Journal of Computational Geometry and Applications (IJCGA)*, 13(2):113–??, April 2003. CODEN IJCAEV. ISSN 0218-1959.

Gupta:2012:CSL

[GIPR12] Rishi Gupta, Piotr Indyk, Eric Price, and Yaron Rachlin. Compressive sensing with local geometric features. *International Journal of Computational Geometry and Applications (IJCGA)*, 22(4):365–??, August 2012. CODEN IJCAEV. ISSN 0218-1959.

Gitik:2021:VDD

[GJ21] Rivka Gitik and Leo Joskowicz. Voronoi diagram and Delaunay triangulation with independent and dependent geometric uncertainties. *International Journal of Computational Geometry and Applications (IJCGA)*, 31(2–3):75–121, June–September 2021. CODEN IJCAEV. ISSN 0218-1959. URL `https://www.worldscientific.com/doi/10.1142/S0218195921500059`.

Giesen:2003:SFD

[GJS03] Joachim Giesen, Matthias John, and Michel Stöcklin. Symmetry of flow diagrams derived from weighted points in the plane. *International Journal of Computational Geometry and Applications (IJCGA)*, 13(4):327–??, August 2003. CODEN IJCAEV. ISSN 0218-1959.

Gupta:2009:ENI

[GJS09] Prosenjit Gupta, Ravi Janardan, and Michiel Smid. Efficient non-intersection queries on aggregated geometric data. *International Journal of Computational Geometry and Applications (IJCGA)*, 19(6):479–506, December 2009. CODEN IJCAEV. ISSN 0218-1959.

Gupta:1997:REP

[GJSD97] Prosenjit Gupta, Ravi Janardan, Michiel Smid, and Bhaskar Dasgupta. The rectangle enclosure and point-dominance problems revisited. *International Journal of Computational Geometry and Applications (IJCGA)*, 7(5):437–??, October 1997. CODEN IJCAEV. ISSN 0218-1959.

Gupta:2020:ETP

[GK20] Prashant Gupta and Bala Krishnamoorthy. Euler transformation of polyhedral complexes. *International Journal of Computational Geometry and Applications (IJCGA)*, 30(3–4):183–211, September–December 2020. ISSN 0218-1959. URL `https://www.worldscientific.com/doi/10.1142/S0218195920500090`.

Giannopoulos:2010:CGM

[GKK+10] Panos Giannopoulos, Rolf Klein, Christian Knauer, Martin Kutz, and Dániel Marx. Computing geometric minimum-dilation graphs is NP-hard. *International Journal of Computational Geometry and Applications (IJCGA)*, 20(2):147–173, April 2010. CODEN IJCAEV. ISSN 0218-1959.

Glozman:1999:CDR

[GKS99] A. Glozman, K. Kedem, and G. Shpitalnik. Computing a double-ray center for a planar point set. *International Journal of Computational Geometry and Applications (IJCGA)*, 9(2):109–??, 1999. CODEN IJCAEV. ISSN 0218-1959.

Guibas:1999:VBP

[GLL+99] Leonidas J. Guibas, Jean-Claude Latombe, Steven M. Lavalle, David Lin, and Rajeev Motwani. A visibility-based pursuit-evasion problem. *International Journal of Computational Geometry and Applications (IJCGA)*, 9(4–5):471–??, 1999. CODEN IJCAEV. ISSN 0218-1959.

Gray:2010:SIT

[GLS10] Chris Gray, Maarten Löffler, and Rodrigo I. Silveira. Smoothing imprecise 1.5D terrains. *International Journal of Computational Geometry and Applications (IJCGA)*, 20(4):381–414, August 2010. CODEN IJCAEV. ISSN 0218-1959.

Guibas:1998:RAD

[GM98] Leonidas J. Guibas and David H. Marimont. Rounding arrangements dynamically. *International Journal of Computational Geometry and Applications (IJCGA)*, 8(2):157–??, April 1998. CODEN IJCAEV. ISSN 0218-1959.

Goldwasser:1999:CMA

[GM99] Michael H. Goldwasser and Rajeev Motwani. Complexity measures for assembly sequences. *International Journal of Computational Geometry and Applications (IJCGA)*, 9(4–5):371–??, 1999. CODEN IJCAEV. ISSN 0218-1959.

Gao:2006:GEF

[GM06] Xiao-Shan Gao and Dominique Michelucci. Guest Editors' foreword. *International Journal of Computational Geometry and Applications (IJCGA)*, 16(5–6):377–??, December 2006. CODEN IJCAEV. ISSN 0218-1959.

Gudmundsson:2019:FFD

[GMMW19] Joachim Gudmundsson, Majid Mirzanezhad, Ali Mohades, and Carola Wenk. Fast Fréchet distance between curves with long edges. *International Journal of Computational Geometry and Applications (IJCGA)*, 29 (02):161–187, June 2019. ISSN 0218-1959. URL `https://www.worldscientific.com/doi/10.1142/S0218195919500043`.

Grove:1999:OCM

[GMV99] E. F. Grove, T. M. Murali, and J. S. Vitter. The object complexity model for hidden-surface removal. *International Journal of Computational Geometry and Applications (IJCGA)*, 9(2):207–??, 1999. CODEN IJCAEV. ISSN 0218-1959.

Gosselin:2011:CCD

[GOG11] Serge Gosselin and Carl Ollivier-Gooch. Constructing constrained Delaunay tetrahedralizations of volumes bounded by piecewise smooth surfaces. *International Journal of Computational Geometry and Applications (IJCGA)*, 21(5):571–594, October 2011. CODEN IJCAEV. ISSN 0218-1959.

Goodrich:1998:IRS

[Goo98] Michael T. Goodrich. An improved ray shooting method for constructive solid geometry models via tree contraction. *International Journal of Computational Geometry and Applications (IJCGA)*, 8(1):1–??, February 1998. CODEN IJCAEV. ISSN 0218-1959.

Garg:2003:AEO

[GR03a] Ashim Garg and Adrian Rusu. Area-efficient order-preserving planar straight-line drawings of ordered trees. *International Journal of Computational Geometry and Applications (IJCGA)*, 13(6):487–??, December 2003. CODEN IJCAEV. ISSN 0218-1959.

Gavrilova:2003:CDO

[GR03b] Marina L. Gavrilova and Jon Rokne. Collision detection optimization in a multi-particle system. *International Journal of Computational Geometry and Applications (IJCGA)*, 13 (4):279–??, August 2003. CODEN IJCAEV. ISSN 0218-1959.

Gabriely:2010:CCM

[GR10] Yoav Gabriely and Elon Rimon. Competitive complexity of mobile robot on-line motion planning problems. *International Journal of Computational Geometry and Applications (IJCGA)*, 20(3):255–283, June 2010. CODEN IJCAEV. ISSN 0218-1959.

Giesen:2008:MAA

[GRS08] Joachim Giesen, Edgar A. Ramos, and Bardia Sadri. Medial axis approximation and unstable flow complex. *International Journal of Computational Geometry and Applications (IJCGA)*, 18(6):533–565, December 2008. CODEN IJCAEV. ISSN 0218-1959.

Grechuk:2020:CCC

[GSa20] Bogdan Grechuk and Sittichoke Som-am. A convex cover for closed unit curves has area at least 0.0975. *International Journal of Computational Geometry and Applications (IJCGA)*, 30(02):121–

139, June 2020. ISSN 0218-1959. URL https://www.worldscientific.com/doi/10.1142/S0218195920500065.

Gagie:2023:RW

[GSS23] Travis Gagie, Mozhgan Saeidi, and Allan Sapucaia. Ruler wrapping. *International Journal of Computational Geometry and Applications (IJCGA)*, 33 (1–2):3–12, March–June 2023. ISSN 0218-1959. URL https://www.worldscientific.com/doi/10.1142/S0218195922410011.

Gorke:2008:CCV

[GSW08] Robert Görke, Chan-Su Shin, and Alexander Wolff. Constructing the city Voronoi diagram faster. *International Journal of Computational Geometry and Applications (IJCGA)*, 18(4):275–294, August 2008. CODEN IJCAEV. ISSN 0218-1959.

Guo:2011:GCA

[GSZ11] Zeyu Guo, He Sun, and Hong Zhu. Greedy construction of 2-approximate minimum Manhattan networks. *International Journal of Computational Geometry and Applications (IJCGA)*, 21(3):331–350, June 2011. CODEN IJCAEV. ISSN 0218-1959.

Guha:2005:JSG

[Guh05] Sumanta Guha. Joint separation of geometric clusters and the extreme irregularities of regular polyhedra. *International Journal of Computational Geometry and Applications (IJCGA)*, 15(5):491–??, October 2005. CODEN IJCAEV. ISSN 0218-1959.

Guigues:2022:ALE

[Gui22] Vincent Guigues. Algorithms and a library for the exact computation of the cumulative distribution function of the Euclidean distance between a point and a random variable uniformly distributed in disks, balls, or polygones and application to probabilistic seismic hazard analysis. *International Journal of Computational Geometry and Applications (IJCGA)*, 32(3–4): 119–174, September–December 2022. CODEN IJCAEV. ISSN 0218-1959. URL https://www.worldscientific.com/doi/10.1142/S0218195922500091.

Goldman:2004:UIE

[GW04] Ron Goldman and Wenping Wang. Using invariants to extract geometric characteristics of conic sections from rational quadratic parameterizations. *International Journal of Computational Geometry and Applications (IJCGA)*, 14(3): 161–??, June 2004. CODEN IJCAEV. ISSN 0218-1959.

Harrington:2007:OVD

[HDY07] Paul Harrington, Colm Ó. Dúnlaing, and Chee K. Yap. Optimal Voronoi diagram construction with n convex sites in three dimensions. *International Journal of Computa-*

tional Geometry and Applications (IJCGA), 17(6):555–593, December 2007. CODEN IJCAEV. ISSN 0218-1959.

Hershberger:2001:GEF

[Her01] John Hershberger. Guest Editor's foreword. *International Journal of Computational Geometry and Applications (IJCGA)*, 11(3):243–244, 2001. CODEN IJCAEV. ISSN 0218-1959.

Heimlich:2008:BAS

[HH08] Martin Heimlich and Martin Held. Biarc approximation, simplification and smoothing of polygonal curves by means of Voronoi-based tolerance bands. *International Journal of Computational Geometry and Applications (IJCGA)*, 18(3):221–250, June 2008. CODEN IJCAEV. ISSN 0218-1959.

Huber:2012:FSS

[HH12] Stefan Huber and Martin Held. A fast straight-skeleton algorithm based on generalized motorcycle graphs. *International Journal of Computational Geometry and Applications (IJCGA)*, 22(5):471–??, October 2012. CODEN IJCAEV. ISSN 0218-1959.

Huber:2014:TPW

[HHMK14] Stefan Huber, Martin Held, Peter Meerwald, and Roland Kwitt. Topology-preserving watermarking of vector graphics. *International Journal of Computational Geometry and Applications (IJCGA)*, 24(1):61–??, March 2014. CODEN IJCAEV. ISSN 0218-1959.

Hiyoshi:2008:SCN

[Hiy08] Hisamoto Hiyoshi. Stable computation of natural neighbor interpolation. *International Journal of Computational Geometry and Applications (IJCGA)*, 18(4):321–341, August 2008. CODEN IJCAEV. ISSN 0218-1959.

Hert:1997:PCR

[HL97] Susan Hert and Vladimir Lumelsky. Planar curve routing for tethered-robot motion planning. *International Journal of Computational Geometry and Applications (IJCGA)*, 7 (3):225–??, June 1997. CODEN IJCAEV. ISSN 0218-1959.

Hert:1998:PAD

[HL98] Susan Hert and Vladimir Lumelsky. Polygon area decomposition for multiple-robot workspace division. *International Journal of Computational Geometry and Applications (IJCGA)*, 8(4):437–??, August 1998. CODEN IJCAEV. ISSN 0218-1959.

Halperin:2004:CPA

[HL04] Dan Halperin and Eran Leiserowitz. Controlled perturbation for arrangements of circles. *International Journal of Computational Geometry and Applications (IJCGA)*, 14(4–5):277–??, October 2004. CODEN IJCAEV. ISSN 0218-1959.

Hsu:1999:PPE

[HLM99] David Hsu, Jean-Claude Latombe, and Rajeev Motwani. Path planning in expansive configuration spaces. *International Journal of Computational Geometry and Applications (IJCGA)*, 9(4–5):495–??, 1999. CODEN IJCAEV. ISSN 0218-1959.

Hurtado:2014:TVM

[HLM+14] Ferran Hurtado, Maarten Löffler, Inês Matos, Vera Sacristán, Maria Saumell, Rodrigo I. Silveira, and Frank Staals. Terrain visibility with multiple viewpoints. *International Journal of Computational Geometry and Applications (IJCGA)*, 24(4):275–??, December 2014. CODEN IJCAEV. ISSN 0218-1959.

Hurtado:2013:PDH

[HLW13] Ferran Hurtado, Giuseppe Liotta, and David R. Wood. Proximity drawings of high-degree trees. *International Journal of Computational Geometry and Applications (IJCGA)*, 23(3):213–??, June 2013. CODEN IJCAEV. ISSN 0218-1959.

Hong:2011:GEF

[HN11] Seok-Hee Hong and Hiroshi Nagamochi. Guest Editors' foreword. *International Journal of Computational Geometry and Applications (IJCGA)*, 21 (3):251–252, June 2011. CODEN IJCAEV. ISSN 0218-1959.

Hong:2018:GEF

[Hon18] Seok-Hee Hong. Guest Editor's foreword. *International Journal of Computational Geometry and Applications (IJCGA)*, 28 (2):??, June 2018. CODEN IJCAEV. ISSN 0218-1959.

Huang:2022:RPR

[HQYD22] Jiawei Huang, Ruizhe Qin, Fan Yang, and Hu Ding. Random projection and recovery for high dimensional optimization with arbitrary outliers. *International Journal of Computational Geometry and Applications (IJCGA)*, 32(3–4):201–225, September–December 2022. ISSN 0218-1959. URL `https://www.worldscientific.com/doi/10.1142/S0218195922500078`.

Hanniel:2007:PVC

[HREK07] I. Hanniel, M. Ramanathan, G. Elber, and M.-S. Kim. Precise Voronoi cell extraction of free-form planar piecewise C^1-continuous closed rational curves. *International Journal of Computational Geometry and Applications (IJCGA)*, 17(5): 453–486, October 2007. CODEN IJCAEV. ISSN 0218-1959.

Ha:2002:EAR

[HS02] Jong-Sung Ha and Sung-Yong Shin. Edge advancing rules for intersecting spherical convex

polygons. *International Journal of Computational Geometry and Applications (IJCGA)*, 12 (3):207–??, 2002. CODEN IJCAEV. ISSN 0218-1959.

Hong:1998:TBC

[HSKK98] Mu Hong, Thomas W. Sederberg, Krzysztof S. Klimaszewski, and Kazufumi Kaneda. Triangulation of branching contours using area minimization. *International Journal of Computational Geometry and Applications (IJCGA)*, 8(4):389–??, August 1998. CODEN IJCAEV. ISSN 0218-1959.

Hurtado:2005:RBS

[HSS05] Ferran Hurtado, Carlos Seara, and Saurabh Sethia. Red-blue separability problems in 3D. *International Journal of Computational Geometry and Applications (IJCGA)*, 15(2):167–??, April 2005. CODEN IJCAEV. ISSN 0218-1959.

Hoffmann:1991:EES

[HV91] C. M. Hoffmann and P. J. Vermeer. Eliminating extraneous solutions in curve and surface operations. *International Journal of Computational Geometry and Applications (IJCGA)*, 1(??):47–66, 1991. CODEN IJCAEV. ISSN 0218-1959.

Hurtado:2012:GEF

[HV12] Ferran Hurtado and Marc Van Kreveld. Guest Editors' foreword. *International Journal of Computational Geometry and Applications (IJCGA)*, 22(4):277–??, August 2012. CODEN IJCAEV. ISSN 0218-1959.

Hummel:2018:LIM

[HYSC18] Michelle Hatch Hummel, Bihua Yu, Carlos Simmerling, and Evangelos A. Coutsias. Laguerre-intersection method for implicit solvation. *International Journal of Computational Geometry and Applications (IJCGA)*, 28(1):1–??, March 2018. CODEN IJCAEV. ISSN 0218-1959.

Huang:2024:EAC

[HZX24] Ziyun Huang, Yongding Zhu, and Jinhui Xu. An efficient algorithm for the 2-central path problem. *International Journal of Computational Geometry and Applications (IJCGA)*, 34(1–2):43–61, March–June 2024. ISSN 0218-1959. URL `https://www.worldscientific.com/doi/10.1142/S0218195924500031`.

Iacono:2012:SOT

[IM12] John Iacono and Wolfgang Mulzer. A static optimality transformation with applications to planar point location. *International Journal of Computational Geometry and Applications (IJCGA)*, 22(4):327–??, August 2012. CODEN IJCAEV. ISSN 0218-1959.

Imai:2002:ETG

[IMTI02] Hiroshi Imai, Tomonari Masada, Fumihiko Takeuchi, and Keiko Imai. Enumerating triangulations in general dimensions. *In-*

ternational Journal of Computational Geometry and Applications (IJCGA), 12(6):455–??, 2002. CODEN IJCAEV. ISSN 0218-1959.

Nakano:2023:CPA

[iN23] Shin ichi Nakano. The coverage problem by aligned disks. *International Journal of Computational Geometry and Applications (IJCGA)*, 33(1–2):13–23, March–June 2023. ISSN 0218-1959. URL `https://www.worldscientific.com/doi/10.1142/S0218195922410023`.

Inkulu:2020:DAV

[IST20] R. Inkulu, K. Sowmya, and Nitish P. Thakur. Dynamic algorithms for visibility polygons in simple polygons. *International Journal of Computational Geometry and Applications (IJCGA)*, 30(01):51–78, March 2020. ISSN 0218-1959. URL `https://www.worldscientific.com/doi/10.1142/S021819592050003X`.

Janardan:1993:MWD

[Jan93] R. Janardan. On maintaining the width and diameter of a planar point-set online. *International Journal of Computational Geometry and Applications (IJCGA)*, 3(??):331–344, 1993. CODEN IJCAEV. ISSN 0218-1959. See also *2nd Int. Symp. Algorithms*, 1991, pp. 137–149.

Jiao:2004:OSMa

[JH04a] Xiangmin Jiao and Michael T. Heath. Overlaying surface meshes, Part I: Algorithms. *International Journal of Computational Geometry and Applications (IJCGA)*, 14(6):379–??, December 2004. CODEN IJCAEV. ISSN 0218-1959.

Jiao:2004:OSMb

[JH04b] Xiangmin Jiao and Michael T. Heath. Overlaying surface meshes, Part II: Topology preservation and feature matching. *International Journal of Computational Geometry and Applications (IJCGA)*, 14(6):403–??, December 2004. CODEN IJCAEV. ISSN 0218-1959.

Jiang:2015:CPM

[Jia15] Minghui Jiang. On covering points with minimum turns. *International Journal of Computational Geometry and Applications (IJCGA)*, 25(1):1–??, March 2015. CODEN IJCAEV. ISSN 0218-1959.

Jackson:2006:RFD

[JJ06] Bill Jackson and Tibor Jordán. On the rank function of the 3-dimensional rigidity matroid. *International Journal of Computational Geometry and Applications (IJCGA)*, 16(5–6):415–??, December 2006. CODEN IJCAEV. ISSN 0218-1959.

Jackson:2010:OPG

[JJ10] Bill Jackson and Tibor Jordán. Operations preserving global

rigidity of generic direction-length frameworks. *International Journal of Computational Geometry and Applications (IJCGA)*, 20(6):685–706, December 2010. CODEN IJCAEV. ISSN 0218-1959.

Jabbour:1998:DRA

[JMM98] Toni Jabbour, Christian Mascle, and Roland Maranzana. A database for the representation of assembly features in mechanical products. *International Journal of Computational Geometry and Applications (IJCGA)*, 8(5–6):483–??, October–December 1998. CODEN IJCAEV. ISSN 0218-1959.

Jana:2023:MBS

[JMMR23] Satyabrata Jana, Anil Maheshwari, Saeed Mehrabi, and Sasanka Roy. Maximum bipartite subgraphs of geometric intersection graphs. *International Journal of Computational Geometry and Applications (IJCGA)*, 33(3–4): 133–157, September–December 2023. ISSN 0218-1959. URL `https://www.worldscientific.com/doi/10.1142/S021819592350005X`.

Johnson:2021:WGD

[JPV21] Matthew Johnson, Daniël Paulusma, and Erik Jan Van Leeuwen. What graphs are 2-dot product graphs? *International Journal of Computational Geometry and Applications (IJCGA)*, 31(01): 1–16, March 2021. CODEN IJCAEV. ISSN 0218-1959. URL `https://www.worldscientific.com/doi/10.1142/S0218195921500011`.

Jiang:2009:FPA

[JS09] D. Jiang and N. F. Stewart. Floating-point arithmetic for computational geometry problems with uncertain data. *International Journal of Computational Geometry and Applications (IJCGA)*, 19(4):371–385, August 2009. CODEN IJCAEV. ISSN 0218-1959.

Jermann:2006:DGC

[JTNM06] Christophe Jermann, Gilles Trombettoni, Bertrand Neveu, and Pascal Mathis. Decomposition of geometric constraint systems: a survey. *International Journal of Computational Geometry and Applications (IJCGA)*, 16(5–6):379–??, December 2006. CODEN IJCAEV. ISSN 0218-1959.

Jain:2024:ACB

[JW24] Princy Jain and Haitao Wang. Algorithms for covering barrier points by mobile sensors with line constraint. *International Journal of Computational Geometry and Applications (IJCGA)*, 34(1–2):1–23, March–June 2024. CODEN IJCAEV. ISSN 0218-1959. URL `https://www.worldscientific.com/doi/10.1142/S0218195924500018`.

Kant:1997:MCV

[Kan97a] Goos Kant. A more compact visibility representation. *International Journal of Computational Geometry and Applications (IJCGA)*, 7(3):197–??, June 1997. CODEN IJCAEV. ISSN 0218-1959.

Kantabutra:1997:RPU

[Kan97b] Vitit Kantabutra. Reaching a point with an unanchored robot arm in a square. *International Journal of Computational Geometry and Applications (IJCGA)*, 7(6):539–??, December 1997. CODEN IJCAEV. ISSN 0218-1959.

Kim:2011:CPS

[KBA11] Sang-Sub Kim, Sang Won Bae, and Hee-Kap Ahn. Covering a point set by two disjoint rectangles. *International Journal of Computational Geometry and Applications (IJCGA)*, 21 (3):313–330, June 2011. CODEN IJCAEV. ISSN 0218-1959.

Kedem:1997:EBR

[KC97] Klara Kedem and Daniel Cohen. Efficient bitmap resemblance under translations. *International Journal of Computational Geometry and Applications (IJCGA)*, 7(1–2):57–??, February–April 1997. CODEN IJCAEV. ISSN 0218-1959.

Keil:1997:COP

[Kei97] J. Mark Keil. Covering orthogonal polygons with non-piercing rectangles. *International Journal of Computational Geometry and Applications (IJCGA)*, 7(5):473–??, October 1997. CODEN IJCAEV. ISSN 0218-1959.

Khopkar:2014:HRC

[KG14] Abhijeet Khopkar and Sathish Govindarajan. Hardness results for computing optimal locally Gabriel graphs. *International Journal of Computational Geometry and Applications (IJCGA)*, 24(2):153–??, June 2014. CODEN IJCAEV. ISSN 0218-1959.

Hon:2023:GEF

[kHsLtT23] Wing kai Hon, Chung shou Liao, and Meng tsung Tsai. Guest Editors' foreword. *International Journal of Computational Geometry and Applications (IJCGA)*, 33(1–2): 1–2, March–June 2023. CODEN IJCAEV. ISSN 0218-1959. URL `https://www.worldscientific.com/doi/10.1142/S0218195923020016`.

Kim:2009:GEF

[Kim09] Deok-Soo Kim. Guest Editor's foreword. *International Journal of Computational Geometry and Applications (IJCGA)*, 19(5):387–388, October 2009. CODEN IJCAEV. ISSN 0218-1959.

Kirchner:2007:FCS

[Kir07] Stefan Kirchner. An FPTAS for computing the similarity of three-dimensional point sets.

International Journal of Computational Geometry and Applications (IJCGA), 17(2):161–174, April 2007. CODEN IJCAEV. ISSN 0218-1959.

Kaneko:2005:SBP

[KK05] Atsushi Kaneko and Mikio Kano. Semi-balanced partitions of two sets of points and embeddings of rooted forests. *International Journal of Computational Geometry and Applications (IJCGA)*, 15(3):229–??, June 2005. CODEN IJCAEV. ISSN 0218-1959.

Kumar:2010:AOS

[KK10] Pankaj Kumar and Piyush Kumar. Almost optimal solutions to k-clustering problems. *International Journal of Computational Geometry and Applications (IJCGA)*, 20(4):431–447, August 2010. CODEN IJCAEV. ISSN 0218-1959.

Kim:2005:EVD

[KKS05] Donguk Kim, Deok-Soo Kim, and Kokichi Sugihara. Euclidean Voronoi diagram for circles in a circle. *International Journal of Computational Geometry and Applications (IJCGA)*, 15(2):209–??, April 2005. CODEN IJCAEV. ISSN 0218-1959.

Kaneko:2000:AHC

[KKY00] A. Kaneko, M. Kano, and K. Yoshimoto. Alternating Hamilton cycles with minimum number of crossings in the plane. *International Journal of Computational Geometry and Applications (IJCGA)*, 10(1):73–??, 2000. CODEN IJCAEV. ISSN 0218-1959.

Kamphans:2010:LUM

[KL10a] Tom Kamphans and Elmar Langetepe. Leaving an unknown maze using an error-prone compass. *International Journal of Computational Geometry and Applications (IJCGA)*, 20(3):307–325, June 2010. CODEN IJCAEV. ISSN 0218-1959.

Kapoor:2010:PSG

[KL10b] Sanjiv Kapoor and Xiang-Yang Li. Proximity structures for geometric graphs. *International Journal of Computational Geometry and Applications (IJCGA)*, 20(4):415–429, August 2010. CODEN IJCAEV. ISSN 0218-1959.

Lee:2023:FDN

[kLkHsL+23] Kuo kai Lee, Wing kai Hon, Chung shou Liao, Kunihiko Sadakane, and Meng tsung Tsai. Fully dynamic no-back-edge-traversal forest via 2D-range queries. *International Journal of Computational Geometry and Applications (IJCGA)*, 33(1–2):43–54, March–June 2023. ISSN 0218-1959. URL `https://www.worldscientific.com/doi/10.1142/S0218195922410047`.

Korotov:2021:IMA

[KLV21] Sergey Korotov, Lars Fredrik Lund, and Jon Eivind Vatne.

Improved maximum angle estimate for longest-edge bisection. *International Journal of Computational Geometry and Applications (IJCGA)*, 31(4): 183–192, December 2021. CODEN IJCAEV. ISSN 0218-1959. URL `https://www.worldscientific.com/doi/10.1142/S0218195922500017`.

Katz:2011:GOA

[KM11] Matthew J. Katz and Gila Morgenstern. Guarding orthogonal art galleries with sliding cameras. *International Journal of Computational Geometry and Applications (IJCGA)*, 21 (2):241–250, April 2011. CODEN IJCAEV. ISSN 0218-1959.

Krishnan:2001:BBE

[KMG+01] S. Krishnan, D. Manocha, M. Gopi, T. Culver, and J. Keyser. BOOLE: a boundary evaluation system for Boolean combinations of sculptured solids. *International Journal of Computational Geometry and Applications (IJCGA)*, 11(1): 105–??, 2001. CODEN IJCAEV. ISSN 0218-1959.

Keil:2000:VSD

[KMW00] M. Keil, D. M. Mount, and S. K. Wismath. Visibility stabs and depth-first spiralling on line segments in output sensitive time. *International Journal of Computational Geometry and Applications (IJCGA)*, 10 (5):535–??, 2000. CODEN IJCAEV. ISSN 0218-1959.

Kerber:2020:MSE

[KN20] Michael Kerber and Arnur Nigmetov. Metric spaces with expensive distances. *International Journal of Computational Geometry and Applications (IJCGA)*, 30(02):141–165, June 2020. ISSN 0218-1959. URL `https://www.worldscientific.com/doi/10.1142/S0218195920500077`.

Kanamaru:1994:EEG

[KNA94] Naoyoshi Kanamaru, Takao Nishizeki, and Tetsuo Asano. Efficient enumeration of grid points in a convex polygon and its application to integer programming. *International Journal of Computational Geometry and Applications (IJCGA)*, 4(1):69–85, 1994. CODEN IJCAEV. ISSN 0218-1959.

Koike:2002:LPR

[KNN+02] Atsushi Koike, Shin-Ichi Nakano, Takao Nishizeki, Takeshi Tokuyama, and Shuhei Watanabe. Labeling points with rectangles of various shapes. *International Journal of Computational Geometry and Applications (IJCGA)*, 12(6):511–??, 2002. CODEN IJCAEV. ISSN 0218-1959.

Khandhawit:2013:LBC

[KPS13] Tirasan Khandhawit, Dimitrios Pagonakis, and Sira Sriswasdi. Lower bound for convex hull area and universal cover problems. *International Journal of Computational Geometry and*

Applications (IJCGA), 23(3): 197–??, June 2013. CODEN IJCAEV. ISSN 0218-1959.

Kraft:2020:CHD

[Kra20] Daniel Kraft. Computing the Hausdorff distance of two sets from their distance functions. *International Journal of Computational Geometry and Applications (IJCGA)*, 30(01):19–49, March 2020. ISSN 0218-1959. URL `https://www.worldscientific.com/doi/10.1142/S0218195920500028`.

Kirkpatrick:1999:CCS

[KS99] D. Kirkpatrick and J. Snoeyink. Computing constrained shortest segments: Butterfly wingspans in logarithmic time. *International Journal of Computational Geometry and Applications (IJCGA)*, 9(1):53–??, 1999. CODEN IJCAEV. ISSN 0218-1959.

Keil:2002:TBC

[KS02] Mark Keil and Jack Snoeyink. On the time bound for convex decomposition of simple polygons. *International Journal of Computational Geometry and Applications (IJCGA)*, 12 (3):181–??, 2002. CODEN IJCAEV. ISSN 0218-1959.

Kanda:2005:TDR

[KS05] Takeshi Kanda and Kokichi Sugihara. Two-dimensional range search based on the Voronoi diagram. *International Journal of Computational Geometry and Applications (IJCGA)*, 15(2):151–??, April 2005. CODEN IJCAEV. ISSN 0218-1959.

Kobbelt:2007:GEF

[KS07] Leif Kobbelt and Vadim Shapiro. Guest Editor's foreword. *International Journal of Computational Geometry and Applications (IJCGA)*, 17(5): 401–402, October 2007. CODEN IJCAEV. ISSN 0218-1959.

Kramer:2010:MOM

[KS10] Josh Brown Kramer and Lucas Sabalka. Multidimensional online motion planning for a spherical robot. *International Journal of Computational Geometry and Applications (IJCGA)*, 20(6):653–684, December 2010. CODEN IJCAEV. ISSN 0218-1959.

Knauer:2011:ANN

[KS11] Christian Knauer and Marc Scherfenberg. Approximate nearest neighbor search under translation invariant Hausdorff distance. *International Journal of Computational Geometry and Applications (IJCGA)*, 21 (3):369–381, June 2011. CODEN IJCAEV. ISSN 0218-1959.

Kaplan:2013:FLE

[KS13] Haim Kaplan and Micha Sharir. Finding the largest empty disk containing a query point. *International Journal of Computational Geometry and Applications (IJCGA)*, 23(4–5):335–??,

2013. CODEN IJCAEV. ISSN 0218-1959.

Knauer:2016:GEF

[KS16] Christian Knauer and Michiel Smid. Guest Editors' foreword. *International Journal of Computational Geometry and Applications (IJCGA)*, 26(3–4):iii–iv, September/December 2016. CODEN IJCAEV. ISSN 0218-1959.

Kusakari:1999:SPP

[KSN99] Y. Kusakari, H. Suzuki, and T. Nishizeki. A shortest pair of paths on the plane with obstacles and crossing areas. *International Journal of Computational Geometry and Applications (IJCGA)*, 9(2):151–??, 1999. CODEN IJCAEV. ISSN 0218-1959.

Kirkpatrick:2002:KCD

[KSS02] David Kirkpatrick, Jack Snoeyink, and Bettina Speckmann. Kinetic collision detection for simple polygons. *International Journal of Computational Geometry and Applications (IJCGA)*, 12(1–2):3–??, 2002. CODEN IJCAEV. ISSN 0218-1959.

Kim:2001:LRM

[KSY+01] Sung Kwon Kim, Chan-Su Shin, Tae-Cheon Yang, et al. Labeling a rectilinear map with sliding labels. *International Journal of Computational Geometry and Applications (IJCGA)*, 11(2):167–179, 2001. CODEN IJCAEV. ISSN 0218-1959.

Kakoulis:2003:UAA

[KT03] Konstantinos G. Kakoulis and Ioannis G. Tollis. A unified approach to automatic label placement. *International Journal of Computational Geometry and Applications (IJCGA)*, 13 (1):23–??, February 2003. CODEN IJCAEV. ISSN 0218-1959.

Katoh:2002:PPO

[KTT02] Naoki Katoh, Hisao Tamaki, and Takeshi Tokuyama. Parametric polymatroid optimization and its geometric applications. *International Journal of Computational Geometry and Applications (IJCGA)*, 12 (5):429–??, October 2002. CODEN IJCAEV. ISSN 0218-1959.

Kranakis:1999:ITS

[KU99] E. Kranakis and J. Urrutia. Isomorphic triangulations with small number of Steiner points. *International Journal of Computational Geometry and Applications (IJCGA)*, 9(2):171–??, 1999. CODEN IJCAEV. ISSN 0218-1959.

Kano:2010:BSB

[KU10] M. Kano and Miyuki Uno. Balanced subdivisions with boundary condition of two sets of points in the plane. *International Journal of Computational Geometry and Applications (IJCGA)*, 20(5):527–541,

October 2010. CODEN IJCAEV. ISSN 0218-1959.

Korotov:2023:DAS

[KV23] Sergey Korotov and Jon Eivind Vatne. On dihedral angle sums of prisms and hexahedra. *International Journal of Computational Geometry and Applications (IJCGA)*, 33(3–4):85–95, September–December 2023. ISSN 0218-1959. URL `https://www.worldscientific.com/doi/10.1142/S0218195923500036`.

Kirkpatrick:2014:PTA

[KYZ14] David Kirkpatrick, Boting Yang, and Sandra Zilles. A polynomial-time algorithm for computing the resilience of arrangements of ray sensors. *International Journal of Computational Geometry and Applications (IJCGA)*, 24(3):225–??, September 2014. CODEN IJCAEV. ISSN 0218-1959.

Kameda:2010:FAD

[KZ10] Tsunehiko Kameda and John Z. Zhang. Finding all door locations that make a room searchable. *International Journal of Computational Geometry and Applications (IJCGA)*, 20(2):175–201, April 2010. CODEN IJCAEV. ISSN 0218-1959.

Labelle:2008:SRL

[Lab08] François Labelle. Sliver removal by lattice refinement. *International Journal of Computational Geometry and Applications (IJCGA)*, 18(6):509–532, December 2008. CODEN IJCAEV. ISSN 0218-1959.

Liu:2015:OSI

[LD15] David J. T. Liu and Qiang Du. Optimization of subdivision invariant tetrahedra. *International Journal of Computational Geometry and Applications (IJCGA)*, 25(1):37–??, March 2015. CODEN IJCAEV. ISSN 0218-1959.

Liu:2020:DRS

[LDHX20] Yangwei Liu, Hu Ding, Ziyun Huang, and Jinhui Xu. Distributed and robust support vector machine. *International Journal of Computational Geometry and Applications (IJCGA)*, 30(3–4):213–233, September–December 2020. ISSN 0218-1959. URL `https://www.worldscientific.com/doi/10.1142/S0218195920500107`.

Lee:2003:CEN

[Lee03] D. T. Lee. Chief Editor's notice. *International Journal of Computational Geometry and Applications (IJCGA)*, 13(1):1–??, February 2003. CODEN IJCAEV. ISSN 0218-1959.

Linhart:2003:ESL

[LHHHP03] Chaim Linhart, Dan Halperin, Iddo Hanniel, and Sariel Har-Peled. An experimental study of on-line methods for zone construction in arrangements of lines in the plane. *International Journal of Computational Geometry and Applications (IJCGA)*, 13(6):463–??,

December 2003. CODEN IJCAEV. ISSN 0218-1959.

Liu:2024:SEO

[LHX24] Yangwei Liu, Ziyun Huang, and Jinhui Xu. A space-efficient one-pass online SVM algorithm. *International Journal of Computational Geometry and Applications (IJCGA)*, 34(1–2): 63–79, March–June 2024. ISSN 0218-1959. URL `https://www.worldscientific.com/doi/10.1142/S0218195924500043`.

Luo:2011:MSS

[LLCC11] Cheng-Wei Luo, Hsiao-Fei Liu, Peng-An Chen, and Kun-Mao Chao. Minkowski sum selection and finding. *International Journal of Computational Geometry and Applications (IJCGA)*, 21(3):283–311, June 2011. CODEN IJCAEV. ISSN 0218-1959.

Lin:1997:ECD

[LM97] Ming Lin and Dinesh Manocha. Efficient contact determination in dynamic environments. *International Journal of Computational Geometry and Applications (IJCGA)*, 7(1–2):123–??, February–April 1997. CODEN IJCAEV. ISSN 0218-1959.

Lin:1998:GEF

[LM98] Ming C. Lin and Dinesh Manocha. Guest Editors' foreword. *International Journal of Computational Geometry and Applications (IJCGA)*, 8(4): 385–??, August 1998. CODEN IJCAEV. ISSN 0218-1959.

Loffler:2011:ECT

[Löf11] Maarten Löffler. Existence and computation of tours through imprecise points. *International Journal of Computational Geometry and Applications (IJCGA)*, 21(1):1–24, February 2011. CODEN IJCAEV. ISSN 0218-1959.

Lopez-Ortiz:2001:LBS

[LOS01] Alejandro López-Ortiz and Sven Schuierer. Lower bounds for streets and generalized streets. *International Journal of Computational Geometry and Applications (IJCGA)*, 11(4):401–421, 2001. CODEN IJCAEV. ISSN 0218-1959.

Lee:2000:SPR

[LPC00] J.-H. Lee, S.-M. Park, and K.-Y. Chwa. Searching a polygonal room with one door by a 1-searcher. *International Journal of Computational Geometry and Applications (IJCGA)*, 10 (2):201–??, 2000. CODEN IJCAEV. ISSN 0218-1959.

Lopez:2000:EAC

[LR00] M. A. Lopez and S. Reisner. Efficient approximation of convex polygons. *International Journal of Computational Geometry and Applications (IJCGA)*, 10 (5):445–??, 2000. CODEN IJCAEV. ISSN 0218-1959.

Liu:2008:FPS

[LS08] Yuanxin Liu and Jack Snoeyink. Faraway point: a sentinel point

for Delaunay computation. *International Journal of Computational Geometry and Applications (IJCGA)*, 18(4):343–355, August 2008. CODEN IJCAEV. ISSN 0218-1959.

Lienhardt:2004:CPS

[LSB04] Pascal Lienhardt, Xavier Skapin, and Antoine Bergey. Cartesian product of simplicial and cellular structures. *International Journal of Computational Geometry and Applications (IJCGA)*, 14(3):115–??, June 2004. CODEN IJCAEV. ISSN 0218-1959.

Lee:1998:GDV

[LSS98] D. T. Lee, Chin-Fang Shen, and Dennis S. Sheu. Geosheet: a distributed visualization tool for geometric algorithms. *International Journal of Computational Geometry and Applications (IJCGA)*, 8(2):119–??, April 1998. CODEN IJCAEV. ISSN 0218-1959.

Lavalle:2002:ASP

[LSS02] Steven M. Lavalle, Borislav H. Simov, and Giora Slutzki. An algorithm for searching a polygonal region with a flashlight. *International Journal of Computational Geometry and Applications (IJCGA)*, 12(1–2):87–??, 2002. CODEN IJCAEV. ISSN 0218-1959.

Li:2004:ECL

[LW04] Xiang-Yang Li and Yu Wang. Efficient construction of low weighted bounded degree planar spanner. *International Journal of Computational Geometry and Applications (IJCGA)*, 14(1–2):69–??, April 2004. CODEN IJCAEV. ISSN 0218-1959.

Lingas:2012:LTA

[LWŻ12] Andrzej Lingas, Agnieszka Wasylewicz, and Paweł Żyliński. Linear-time 3-approximation algorithm for the r-star covering problem. *International Journal of Computational Geometry and Applications (IJCGA)*, 22(2):103–??, April 2012. CODEN IJCAEV. ISSN 0218-1959.

Lee:2017:MMM

[LWZ17] Victor C. S. Lee, Haitao Wang, and Xiao Zhang. Minimizing the maximum moving cost of interval coverage. *International Journal of Computational Geometry and Applications (IJCGA)*, 27(3):187–205, September 2017. CODEN IJCAEV. ISSN 0218-1959.

Lee:1997:FRP

[LYW97] D. T. Lee, C. D. Yang, and C. K. Wong. Finding rectilinear paths among obstacles in a two-layer interconnection model. *International Journal of Computational Geometry and Applications (IJCGA)*, 7(6):581–??, December 1997. CODEN IJCAEV. ISSN 0218-1959.

Maftuleac:2014:ADP

[Maf14] Daniela Maftuleac. Algorithms for distance problems in planar complexes of global nonpositive curvature. *International Journal of Computational Geometry and Applications (IJCGA)*, 24 (1):1–??, March 2014. CODEN IJCAEV. ISSN 0218-1959.

Malandain:2002:CDP

[MB02] Grégoire Malandain and Jean-Daniel Boissonnat. Computing the diameter of a point set. *International Journal of Computational Geometry and Applications (IJCGA)*, 12(6):489–??, 2002. CODEN IJCAEV. ISSN 0218-1959.

Manocha:1991:NAS

[MC91] Dinesh Manocha and John F. Canny. A new approach to surface intersection. *International Journal of Computational Geometry and Applications (IJCGA)*, 1(4):491–516, 1991. CODEN IJCAEV. ISSN 0218-1959. URL `ftp://ftp.cs.unc.edu/pub/users/manocha/PAPERS/INTERSECT/IJCGA.pdf`; `ftp://ftp.cs.unc.edu/pub/users/manocha/PAPERS/INTERSECT/IJCGA.ps.Z`.

Michelucci:2006:IBT

[MF06] Dominique Michelucci and Sebti Foufou. Interval-based tracing of strange attractors. *International Journal of Computational Geometry and Applications (IJCGA)*, 16(1):27–??, February 2006. CODEN IJCAEV. ISSN 0218-1959.

Menon:1998:FFM

[MG98] Jai Menon and Baining Guo. Free-form modeling in bilateral Brep and CSG representation schemes. *International Journal of Computational Geometry and Applications (IJCGA)*, 8(5–6):537–??, October–December 1998. CODEN IJCAEV. ISSN 0218-1959.

Mahapatra:2015:PTA

[MGD15] Priya Ranjan Sinha Mahapatra, Partha P. Goswami, and Sandip Das. Placing two axis-parallel squares to maximize the number of enclosed points. *International Journal of Computational Geometry and Applications (IJCGA)*, 25(4):263–??, December 2015. CODEN IJCAEV. ISSN 0218-1959.

Mukhopadhyay:2009:ISI

[MGR09] Asish Mukhopadhyay, Eugene Greene, and S. V. Rao. On intersecting a set of isothetic line segments with a convex polygon of minimum area. *International Journal of Computational Geometry and Applications (IJCGA)*, 19(6):557–577, December 2009. CODEN IJCAEV. ISSN 0218-1959.

Muller-Hannemann:2000:HQQ

[MH00] M. Müller-Hannemann. High quality quadrilateral surface meshing without template restrictions: a new approach

based on network flow techniques. *International Journal of Computational Geometry and Applications (IJCGA)*, 10 (3):285–??, 2000. CODEN IJCAEV. ISSN 0218-1959.

Miura:2006:IRD

[MHN06] Kazuyuki Miura, Hiroki Haga, and Takao Nishizeki. Inner rectangular drawings of plane graphs. *International Journal of Computational Geometry and Applications (IJCGA)*, 16 (2–3):249–??, June 2006. CODEN IJCAEV. ISSN 0218-1959.

Muller-Hannemann:2007:HAO

[MHS07] Matthias Müller-Hannemann and Anna Schulze. Hardness and approximation of octilinear Steiner trees. *International Journal of Computational Geometry and Applications (IJCGA)*, 17(3):231–260, June 2007. CODEN IJCAEV. ISSN 0218-1959.

Muller-Hannemann:2000:QRC

[MHW00] M. Müller-Hannemann and K. Weihe. Quadrangular refinements of convex polygons with an application to finite-element meshes. *International Journal of Computational Geometry and Applications (IJCGA)*, 10(1):1–??, 2000. CODEN IJCAEV. ISSN 0218-1959.

Mitchell:1997:FCT

[Mit97] Scott A. Mitchell. Finding a covering triangulation whose maximum angle is provably small. *International Journal of Computational Geometry and Applications (IJCGA)*, 7(1–2):5–??, February–April 1997. CODEN IJCAEV. ISSN 0218-1959.

Mitchell:2000:HFI

[Mit00] S. A. Mitchell. High fidelity interval assignment. *International Journal of Computational Geometry and Applications (IJCGA)*, 10(4):399–??, 2000. CODEN IJCAEV. ISSN 0218-1959.

Mitchell:2004:EF

[Mit04] Joseph S. B. Mitchell. Editor's foreword. *International Journal of Computational Geometry and Applications (IJCGA)*, 14(4–5):231–??, October 2004. CODEN IJCAEV. ISSN 0218-1959.

Myers:2012:PSD

[MJ12] Yonatan Myers and Leo Joskowicz. Point set distance and orthogonal range problems with dependent geometric uncertainties. *International Journal of Computational Geometry and Applications (IJCGA)*, 22(6): 517–??, December 2012. CODEN IJCAEV. ISSN 0218-1959.

Murphy:2001:PPS

[MMG01] Michael Murphy, David M. Mount, and Carl W. Gable. A point-placement strategy for conforming Delaunay tetrahedralization. *International Journal of Computational Geometry*

and Applications (IJCGA), 11 (6):669–??, 2001. CODEN IJCAEV. ISSN 0218-1959.

Memarsadeghi:2007:FII

[MMNM07] Nargess Memarsadeghi, David M. Mount, Nathan S. Netanyahu, and Jacqueline Le Moigne. A fast implementation of the ISODATA clustering algorithm. *International Journal of Computational Geometry and Applications (IJCGA)*, 17(1):71–103, February 2007. CODEN IJCAEV. ISSN 0218-1959.

Mehlhorn:2001:FSA

[MMR01] Kurt Mehlhorn, Stefan Meiser, and Ronald Rasch. Furthest site abstract Voronoi diagrams. *International Journal of Computational Geometry and Applications (IJCGA)*, 11(6):583–??, 2001. CODEN IJCAEV. ISSN 0218-1959.

Mitchell:1997:QSR

[MMS97] Joseph S. B. Mitchell, David M. Mount, and Subhash Suri. Query-sensitive ray shooting. *International Journal of Computational Geometry and Applications (IJCGA)*, 7(4):317–??, August 1997. CODEN IJCAEV. ISSN 0218-1959.

Mitra:2004:ESN

[MNG04] Niloy J. Mitra, An Nguyen, and Leonidas Guibas. Estimating surface normals in noisy point cloud data. *International Journal of Computational Geometry and Applications (IJCGA)*, 14(4–5):261–??, October 2004. CODEN IJCAEV. ISSN 0218-1959.

Mount:2000:QAR

[MNP+00] D. M. Mount, N. S. Netanyahu, C. D. Piatko, R. Silverman, and A. Y. Wu. Quantile approximation for robust statistical estimation and k-enclosing problems. *International Journal of Computational Geometry and Applications (IJCGA)*, 10 (6):593–??, 2000. CODEN IJCAEV. ISSN 0218-1959.

Mitchell:2001:CGC

[MO01] Joseph S. B. Mitchell and Joseph O'Rourke. Computational geometry column 42. *International Journal of Computational Geometry and Applications (IJCGA)*, 11(5):573–582, 2001. CODEN IJCAEV. ISSN 0218-1959.

Miller:2005:WWD

[MPW05] Gary L. Miller, Steven E. Pav, and Noel J. Walkington. When and why Delaunay refinement algorithms work. *International Journal of Computational Geometry and Applications (IJCGA)*, 15(1):25–??, February 2005. CODEN IJCAEV. ISSN 0218-1959.

Mukhopadhyay:2003:CLE

[MR03] Asish Mukhopadhyay and S. V. Rao. On computing a largest empty arbitrarily oriented rectangle. *International Journal of Computational Geometry and Applications (IJCGA)*, 13(3):

257–??, June 2003. CODEN IJCAEV. ISSN 0218-1959.

Meijer:2005:GEF

[MR05] Henk Meijer and David Rappaport. Guest Editors' foreword. *International Journal of Computational Geometry and Applications (IJCGA)*, 15(6):545–??, December 2005. CODEN IJCAEV. ISSN 0218-1959.

Mustafa:2015:CCP

[MRM15] Nabil H. Mustafa, Saurabh Ray, and Nabil H. Mustafa. k-centerpoints conjectures for pointsets in $\mathbf{R}^d$. *International Journal of Computational Geometry and Applications (IJCGA)*, 25(3):??, September 2015. CODEN IJCAEV. ISSN 0218-1959.

Martini:1999:MNP

[MS99] H. Martini and V. Soltan. Minimum number of pieces in a convex partition of a polygonal domain. *International Journal of Computational Geometry and Applications (IJCGA)*, 9(6):599–??, 1999. CODEN IJCAEV. ISSN 0218-1959.

Mehlhorn:2003:IFT

[MS03] Kurt Mehlhorn and Michael Seel. Infimaximal frames: a technique for making lines look like segments. *International Journal of Computational Geometry and Applications (IJCGA)*, 13(3):241–??, June 2003. CODEN IJCAEV. ISSN 0218-1959.

Michelucci:2006:ICC

[MS06] Dominique Michelucci and Pascal Schreck. Incidence constraints: a combinatorial approach. *International Journal of Computational Geometry and Applications (IJCGA)*, 16 (5–6):443–??, December 2006. CODEN IJCAEV. ISSN 0218-1959.

Milenkovic:2007:AAA

[MS07a] Victor Milenkovic and Elisha Sacks. An approximate arrangement algorithm for semi-algebraic curves. *International Journal of Computational Geometry and Applications (IJCGA)*, 17(2):175–198, April 2007. CODEN IJCAEV. ISSN 0218-1959.

Milenkovic:2007:MCM

[MS07b] Victor Milenkovic and Elisha Sacks. A monotonic convolution for Minkowski sums. *International Journal of Computational Geometry and Applications (IJCGA)*, 17(4):383–396, August 2007. CODEN IJCAEV. ISSN 0218-1959.

Milenkovic:2010:TAM

[MS10] Victor Milenkovic and Elisha Sacks. Two approximate Minkowski sum algorithms. *International Journal of Computational Geometry and Applications (IJCGA)*, 20(4):485–509, August 2010. CODEN IJCAEV. ISSN 0218-1959.

Mulzer:2014:ATT

[MS14] Wolfgang Mulzer and Yannik Stein. Algorithms for tolerant Tverberg partitions. *International Journal of Computational Geometry and Applications (IJCGA)*, 24(4):261–??, December 2014. CODEN IJCAEV. ISSN 0218-1959.

Milenkovic:2022:EPE

[MS22] Victor Milenkovic and Elisha Sacks. Efficient predicate evaluation using randomized degeneracy detection. *International Journal of Computational Geometry and Applications (IJCGA)*, 32(1–2):39–54, March–June 2022. ISSN 0218-1959. URL `https://www.worldscientific.com/doi/10.1142/S0218195922500054`.

Milenkovic:2019:FDD

[MSB19] Victor Milenkovic, Elisha Sacks, and Nabeel Butt. Fast detection of degenerate predicates in free space construction. *International Journal of Computational Geometry and Applications (IJCGA)*, 29(03):219–237, September 2019. ISSN 0218-1959. URL `https://www.worldscientific.com/doi/10.1142/S0218195919500067`.

Milenkovic:2013:PSM

[MST13] Victor Milenkovic, Elisha Sacks, and Steven Trac. Planar shape manipulation using approximate geometric primitives. *International Journal of Computational Geometry and Applications (IJCGA)*, 23(1):1–??, February 2013. CODEN IJCAEV. ISSN 0218-1959.

Miller:1999:DGG

[MTT99] G. L. Miller, D. Talmor, and S.-H. Teng. Data generation for geometric algorithms on non-uniform distributions. *International Journal of Computational Geometry and Applications (IJCGA)*, 9(6):577–??, 1999. CODEN IJCAEV. ISSN 0218-1959.

Mucke:1998:RIT

[Müc98] Ernst P. Mücke. A robust implementation for three-dimensional Delaunay triangulations. *International Journal of Computational Geometry and Applications (IJCGA)*, 8(2):255–??, April 1998. CODEN IJCAEV. ISSN 0218-1959.

Moet:2007:RIT

[MVV07] Esther Moet, Marc Van Kreveld, and René Van Oostrum. Region intervisibility in terrains. *International Journal of Computational Geometry and Applications (IJCGA)*, 17(4):331–347, August 2007. CODEN IJCAEV. ISSN 0218-1959.

Nabli:2021:TTC

[Nab21] Hédi Nabli. Truchet tiles and combinatorial arabesque. *International Journal of Computational Geometry and Applications (IJCGA)*, 31(01):17–37, March 2021. ISSN 0218-1959. URL `https://www.`

worldscientific.com/doi/10.1142/S0218195921500035.

Narasimhan:1999:HTS

[Nar99] G. Narasimhan. On Hamiltonian triangulations in simple polygons. *International Journal of Computational Geometry and Applications (IJCGA)*, 9(3):261–??, 1999. CODEN IJCAEV. ISSN 0218-1959.

Nekrich:2013:EMO

[Nek13] Yakov Nekrich. External memory orthogonal range reporting with fast updates. *International Journal of Computational Geometry and Applications (IJCGA)*, 23(2):141–??, April 2013. CODEN IJCAEV. ISSN 0218-1959.

Nguyen:2012:EGR

[Ngu12] Viet-Hang Nguyen. 1-extensions and global rigidity of generic direction-length frameworks. *International Journal of Computational Geometry and Applications (IJCGA)*, 22(6):577–??, December 2012. CODEN IJCAEV. ISSN 0218-1959.

Nielsen:2009:ASE

[NN09] Frank Nielsen and Richard Nock. Approximating smallest enclosing balls with applications to machine learning. *International Journal of Computational Geometry and Applications (IJCGA)*, 19(5):389–414, October 2009. CODEN IJCAEV. ISSN 0218-1959.

Nollenburg:2017:PGD

[NPR17] Martin Nöllenburg, Roman Prutkin, and Ignaz Rutter. Partitioning graph drawings and triangulated simple polygons into greedily routable regions. *International Journal of Computational Geometry and Applications (IJCGA)*, 27(1–2):121–158, March/June 2017. CODEN IJCAEV. ISSN 0218-1959.

Nishida:2009:BSV

[NS09] Tetsushi Nishida and Kokichi Sugihara. Boat-sail Voronoi diagram and its application. *International Journal of Computational Geometry and Applications (IJCGA)*, 19(5):425–440, October 2009. CODEN IJCAEV. ISSN 0218-1959.

Nielsen:1998:OSC

[NY98] Franck Nielsen and Mariette Yvinec. An output-sensitive convex hull algorithm for planar objects. *International Journal of Computational Geometry and Applications (IJCGA)*, 8(1):39–??, February 1998. CODEN IJCAEV. ISSN 0218-1959.

Nowakowski:2006:BOT

[NZ06] Richard J. Nowakowski and Norbert Zeh. Boundary-optimal triangulation flooding. *International Journal of Computational Geometry and Applications (IJCGA)*, 16(2–3):271–??, June 2006. CODEN IJCAEV. ISSN 0218-1959.

Nilsson:2020:HKE

[NŻ20] Bengt J. Nilsson and Paweł Żyliński. How to keep an eye on small things. *International Journal of Computational Geometry and Applications (IJCGA)*, 30(02): 97–120, June 2020. CODEN IJCAEV. ISSN 0218-1959. URL `https://www.worldscientific.com/doi/10.1142/S0218195920500053`.

Obermeyer:2011:CAS

[OGB11] Karl J. Obermeyer, Anurag Ganguli, and Francesco Bullo. A complete algorithm for searchlight scheduling. *International Journal of Computational Geometry and Applications (IJCGA)*, 21(1):101–130, February 2011. CODEN IJCAEV. ISSN 0218-1959.

Owen:2010:FSR

[OP10] J. C. Owen and S. C. Power. Frameworks symmetry and rigidity. *International Journal of Computational Geometry and Applications (IJCGA)*, 20(6):723–750, December 2010. CODEN IJCAEV. ISSN 0218-1959.

ORourke:1997:CGCa

[O'R97a] Joseph O'Rourke. Computational geometry column 30. *International Journal of Computational Geometry and Applications (IJCGA)*, 7(1–2):165–??, February–April 1997. CODEN IJCAEV. ISSN 0218-1959.

ORourke:1997:CGCb

[O'R97b] Joseph O'Rourke. Computational geometry column 31. *International Journal of Computational Geometry and Applications (IJCGA)*, 7(4):379–??, August 1997. CODEN IJCAEV. ISSN 0218-1959.

ORourke:1997:CGCc

[O'R97c] Joseph O'Rourke. Computational geometry column 32. *International Journal of Computational Geometry and Applications (IJCGA)*, 7(5):509–??, October 1997. CODEN IJCAEV. ISSN 0218-1959.

ORourke:1998:CGC

[O'R98] Joseph O'Rourke. Computational geometry column 33. *International Journal of Computational Geometry and Applications (IJCGA)*, 8(3):381–??, June 1998. CODEN IJCAEV. ISSN 0218-1959.

ORourke:1999:CGCb

[O'R99a] J. O'Rourke. Computational geometry column 36. *International Journal of Computational Geometry and Applications (IJCGA)*, 9(6):615–??, 1999. CODEN IJCAEV. ISSN 0218-1959.

ORourke:1999:CGCa

[O'R99b] Joseph O'Rourke. Computational geometry column 35. *International Journal of Computational Geometry and Applications (IJCGA)*, 9(4–5):513–??, 1999. CODEN IJCAEV. ISSN 0218-1959.

ORourke:2000:CGCa

[O'R00a] J. O'Rourke. Computational geometry column 38. *International Journal of Computational Geometry and Applications (IJCGA)*, 10(2):221–??, 2000. CODEN IJCAEV. ISSN 0218-1959.

ORourke:2000:CGCb

[O'R00b] J. O'Rourke. Computational geometry column 39. *International Journal of Computational Geometry and Applications (IJCGA)*, 10(4):441–??, 2000. CODEN IJCAEV. ISSN 0218-1959.

ORourke:2000:CGCc

[O'R00c] J. O'Rourke. Computational geometry column 40. *International Journal of Computational Geometry and Applications (IJCGA)*, 10(6):649–??, 2000. CODEN IJCAEV. ISSN 0218-1959.

ORourke:2001:CGC

[O'R01] Joseph O'Rourke. Computational geometry column 41. *International Journal of Computational Geometry and Applications (IJCGA)*, 11(2):239–242, 2001. CODEN IJCAEV. ISSN 0218-1959.

ORourke:2002:CGC

[O'R02] Joseph O'Rourke. Computational geometry column 43. *International Journal of Computational Geometry and Applications (IJCGA)*, 12(3):263–??, 2002. CODEN IJCAEV. ISSN 0218-1959.

ORourke:2003:CGC

[O'R03] Joseph O'Rourke. Computational geometry column 44. *International Journal of Computational Geometry and Applications (IJCGA)*, 13(3):273–??, June 2003. CODEN IJCAEV. ISSN 0218-1959.

ORourke:2004:CGCa

[O'R04a] Joseph O'Rourke. Computational geometry column 45. *International Journal of Computational Geometry and Applications (IJCGA)*, 14(3):227–??, June 2004. CODEN IJCAEV. ISSN 0218-1959.

ORourke:2004:CGCb

[O'R04b] Joseph O'Rourke. Computational geometry column 46. *International Journal of Computational Geometry and Applications (IJCGA)*, 14(6):475–??, December 2004. CODEN IJCAEV. ISSN 0218-1959.

ORourke:2006:CGC

[O'R06] Joseph O'Rourke. Computational geometry column 47. *International Journal of Computational Geometry and Applications (IJCGA)*, 16(4):373–??, August 2006. CODEN IJCAEV. ISSN 0218-1959.

ORourke:2007:CGC

[O'R07] Joseph O'Rourke. Computational geometry column 48. *International Journal of Computational Geometry and Applications (IJCGA)*, 17(4):397–399, August 2007. CODEN IJCAEV. ISSN 0218-1959.

ODunlaing:2000:HCE

[ÓWW00] C. Ó Dúnlaing, C. Watt, and D. Wilkins. Homeomorphism of 2-complexes is equivalent to graph isomorphism. *International Journal of Computational Geometry and Applications (IJCGA)*, 10(5):453–??, 2000. CODEN IJCAEV. ISSN 0218-1959.

Papadopoulou:1999:PNC

[Pap99] E. Papadopoulou. k-pairs non-crossing shortest paths in a simple polygon. *International Journal of Computational Geometry and Applications (IJCGA)*, 9(6):533–??, 1999. CODEN IJCAEV. ISSN 0218-1959.

Papadopoulou:2013:FLS

[PD13] Evanthia Papadopoulou and Sandeep Kumar Dey. On the farthest line-segment Voronoi diagram. *International Journal of Computational Geometry and Applications (IJCGA)*, 23(6):443–??, December 2013. CODEN IJCAEV. ISSN 0218-1959.

Petitjean:1998:CGA

[Pet98] Sylvain Petitjean. A computational geometric approach to visual hulls. *International Journal of Computational Geometry and Applications (IJCGA)*, 8(4):407–??, August 1998. CODEN IJCAEV. ISSN 0218-1959.

Papadopoulou:2001:VDS

[PL01] Evantha Papadopoulou and D. T. Lee. The L_∞ Voronoi diagram of segments and VLSI applications. *International Journal of Computational Geometry and Applications (IJCGA)*, 11 (5):503–528, 2001. CODEN IJCAEV. ISSN 0218-1959.

Papadopoulou:2004:HVD

[PL04] Evanthia Papadopoulou and D. T. Lee. The Hausdorff Voronoi diagram of polygonal objects: a divide and conquer approach. *International Journal of Computational Geometry and Applications (IJCGA)*, 14(6):421–??, December 2004. CODEN IJCAEV. ISSN 0218-1959.

Park:2002:SRT

[PLC02] Sang-Min Park, Jae-Ha Lee, and Kyung-Yong Chwa. Searching a room by two guards. *International Journal of Computational Geometry and Applications (IJCGA)*, 12(4):339–??, August 2002. CODEN IJCAEV. ISSN 0218-1959.

Poon:2009:ULP

[Poo09] Sheung-Hung Poon. On unfolding lattice polygons/trees and diameter-4 trees. *International Journal of Computational Geometry and Applications (IJCGA)*, 19(3):289–321, June 2009. CODEN IJCAEV. ISSN 0218-1959.

Porschen:2009:RCP

[Por09] Stefan Porschen. On rectangular covering problems. *International Journal of Computational Geometry and Applications (IJCGA)*, 19(4):325–340, August 2009. CODEN IJCAEV. ISSN 0218-1959.

Provatidis:2022:NRR

[Pro22] Christopher G. Provatidis. Non-rational and rational transfinite interpolation using Bernstein polynomials. *International Journal of Computational Geometry and Applications (IJCGA)*, 32(1–2):55–89, March–June 2022. ISSN 0218-1959. URL `https://www.worldscientific.com/doi/10.1142/S0218195922500030`.

Pilz:2019:CQB

[PS19] Alexander Pilz and Carlos Seara. Convex quadrangulations of bichromatic point sets. *International Journal of Computational Geometry and Applications (IJCGA)*, 29(4):289–299, December 2019. ISSN 0218-1959. URL `https://www.worldscientific.com/doi/10.1142/S0218195919500109`.

Pajarola:2001:VGC

[PW01] Renato Pajarola and Peter Widmayer. Virtual geoexploration: Concepts and design choices. *International Journal of Computational Geometry and Applications (IJCGA)*, 11(1):1–14, 2001. CODEN IJCAEV. ISSN 0218-1959.

Papadopoulou:2015:HVD

[PX15] Evanthia Papadopoulou and Jinhui Xu. The L_∞ Hausdorff Voronoi diagram revisited. *International Journal of Computational Geometry and Applications (IJCGA)*, 25(2):??, June 2015. CODEN IJCAEV. ISSN 0218-1959.

Rababah:2005:DRT

[Rab05] Abedallah Rababah. L_2 degree reduction of triangular Bézier surfaces with common tangent planes at vertices. *International Journal of Computational Geometry and Applications (IJCGA)*, 15(5):477–??, October 2005. CODEN IJCAEV. ISSN 0218-1959.

Reshetov:2014:UPF

[Res14] Alexander Reshetov. A unistable polyhedron with 14 faces. *International Journal of Computational Geometry and Applications (IJCGA)*, 24(1):39–??, March 2014. CODEN IJCAEV. ISSN 0218-1959.

Rokne:2009:GEF

[Rok09] Jon Rokne. Guest Editor's foreword. *International Journal of Computational Geometry and Applications (IJCGA)*, 19(4):323–324, August 2009. CODEN IJCAEV. ISSN 0218-1959.

Rorabaugh:2019:BCM

[Ror19] Danny Rorabaugh. A bound on a convexity measure for point sets. *International Journal of*

Computational Geometry and Applications (IJCGA), 29(4): 301–306, December 2019. ISSN 0218-1959. URL `https://www.worldscientific.com/doi/10.1142/S0218195919500110`.

Roy:2016:PVG

[Roy16] Bodhayan Roy. Point visibility graph recognition is NP-hard. *International Journal of Computational Geometry and Applications (IJCGA)*, 26(1):1–??, March 2016. CODEN IJCAEV. ISSN 0218-1959.

Ratschek:2000:EOC

[RR00] H. Ratschek and J. Rokne. Exact and optimal convex hulls in 2D. *International Journal of Computational Geometry and Applications (IJCGA)*, 10 (2):109–??, 2000. CODEN IJCAEV. ISSN 0218-1959.

Richards:1999:MST

[RS99] D. Richards and J. S. Salowe. Mixed spanning trees in theory and practice. *International Journal of Computational Geometry and Applications (IJCGA)*, 9(3):277–??, 1999. CODEN IJCAEV. ISSN 0218-1959.

Rahi:2007:MCS

[RS07] Sahand Jamal Rahi and Kim Sharp. Mapping complicated surfaces onto a sphere. *International Journal of Computational Geometry and Applications (IJCGA)*, 17(4):305–329, August 2007. CODEN IJCAEV. ISSN 0218-1959.

Reif:2011:AOK

[RS11] John Reif and Sam Slee. Asymptotically optimal kinodynamic motion planning for a class of modular self-reconfigurable robots. *International Journal of Computational Geometry and Applications (IJCGA)*, 21(2):131–155, April 2011. CODEN IJCAEV. ISSN 0218-1959.

Ramaswami:2005:CQM

[RSS+05] Suneeta Ramaswami, Marcelo Siqueira, Tessa Sundaram, Jean Gallier, and James Gee. Constrained quadrilateral meshes of bounded size. *International Journal of Computational Geometry and Applications (IJCGA)*, 15(1):55–??, February 2005. CODEN IJCAEV. ISSN 0218-1959.

Rand:2011:DRA

[RW11] Alexander Rand and Noel Walkington. Delaunay refinement algorithms for estimating local feature size in 2D and 3D. *International Journal of Computational Geometry and Applications (IJCGA)*, 21(5):507–543, October 2011. CODEN IJCAEV. ISSN 0218-1959.

Sangwin:2009:DBM

[San09] C. J. Sangwin. Deceiving the V-block method for assessment of departure from roundness. *International Journal of Computational Geometry and Applications (IJCGA)*, 19(6):521–532,

December 2009. CODEN IJCAEV. ISSN 0218-1959.

Sheffer:2000:VTO

[SBBC00] A. Sheffer, M. Bercovier, T. Blacker, and J. Clements. Virtual topology operators for meshing. *International Journal of Computational Geometry and Applications (IJCGA)*, 10 (3):309–??, 2000. CODEN IJCAEV. ISSN 0218-1959.

Schneiders:2000:OBH

[Sch00] R. Schneiders. Octree-based hexahedral mesh generation. *International Journal of Computational Geometry and Applications (IJCGA)*, 10(4):383–??, 2000. CODEN IJCAEV. ISSN 0218-1959.

Scheffer:2016:MFC

[Sch16] Christian Scheffer. More flexible curve matching via the partial Fréchet similarity. *International Journal of Computational Geometry and Applications (IJCGA)*, 26(1):33–??, March 2016. CODEN IJCAEV. ISSN 0218-1959.

Segal:1999:PSA

[Seg99] M. Segal. On piercing sets of axis-parallel rectangles and rings. *International Journal of Computational Geometry and Applications (IJCGA)*, 9(3):219–??, 1999. CODEN IJCAEV. ISSN 0218-1959.

Sud:2007:HPM

[SFM07] Avneesh Sud, Mark Foskey, and Dinesh Manocha. Homotopy-preserving medial axis simplification. *International Journal of Computational Geometry and Applications (IJCGA)*, 17(5):423–451, October 2007. CODEN IJCAEV. ISSN 0218-1959.

Shapiro:1997:EMG

[Sha97a] Vadim Shapiro. Errata: "Maintenance of Geometric Representations Through Space Decompositions". *International Journal of Computational Geometry and Applications (IJCGA)*, 7(4):383–??, August 1997. CODEN IJCAEV. ISSN 0218-1959. See [Sha97b].

Shapiro:1997:MGR

[Sha97b] Vadim Shapiro. Maintenance of geometric representations through space decompositions. *International Journal of Computational Geometry and Applications (IJCGA)*, 7(1–2):21–??, February–April 1997. CODEN IJCAEV. ISSN 0218-1959. See erratum [Sha97a].

Shapiro:1999:WFS

[Sha99] V. Shapiro. Well-formed set representations of solids. *International Journal of Computational Geometry and Applications (IJCGA)*, 9(2):125–??, 1999. CODEN IJCAEV. ISSN 0218-1959.

Shapiro:2001:CDT

[Sha01] Vadim Shapiro. A convex deficiency tree algorithm for curved polygons. *International Journal of Computational Geometry*

and Applications (IJCGA), 11 (2):215–238, 2001. CODEN IJCAEV. ISSN 0218-1959.

Sugihara:1994:RTO

[SI94] Kokichi Sugihara and Masao Iri. A robust topology-oriented incremental algorithm for Voronoi diagrams. *International Journal of Computational Geometry and Applications (IJCGA)*, 4(2):179–228, June 1994. CODEN IJCAEV. ISSN 0218-1959.

Sitharam:2006:WFS

[Sit06] Meera Sitharam. Well-formed systems of point incidences for resolving collections of rigid bodies. *International Journal of Computational Geometry and Applications (IJCGA)*, 16 (5–6):591–??, December 2006. CODEN IJCAEV. ISSN 0218-1959.

Smid:1999:WRS

[SJ99] M. Smid and R. Janardan. On the width and roundness of a set of points in the plane. *International Journal of Computational Geometry and Applications (IJCGA)*, 9(1):97–??, 1999. CODEN IJCAEV. ISSN 0218-1959.

Sugihara:2008:GEF

[SK08] Kokichi Sugihara and Deok-Soo Kim. Guest Editors' foreword. *International Journal of Computational Geometry and Applications (IJCGA)*, 18(4):273–274, August 2008. CODEN IJCAEV. ISSN 0218-1959.

Srinivasaraghavan:2000:OEV

[SM00] G. Srinivasaraghavan and A. Mukhopadhyay. Orthogonal edge visibility graphs of polygons with holes. *International Journal of Computational Geometry and Applications (IJCGA)*, 10(1):79–??, 2000. CODEN IJCAEV. ISSN 0218-1959.

Schreck:2006:GCS

[SM06] Pascal Schreck and Pascal Mathis. Geometrical constraint system decomposition: a multi-group approach. *International Journal of Computational Geometry and Applications (IJCGA)*, 16(5–6):431–??, December 2006. CODEN IJCAEV. ISSN 0218-1959.

SerrE:2006:NCM

[SOR06] Philippe Serré, Auxkin Ortuzar, and Alain Rivière. Non-Cartesian modelling for analysis of the consistency of a geometric specification for conceptual design. *International Journal of Computational Geometry and Applications (IJCGA)*, 16 (5–6):549–??, December 2006. CODEN IJCAEV. ISSN 0218-1959.

Scorzelli:2008:PSM

[SPP08] Giorgio Scorzelli, Alberto Paoluzzi, and Valerio Pascucci. Parallel solid modeling using BSP dataflow. *International Journal of Computational Geometry and Applications (IJCGA)*, 18(5):441–467,

October 2008. CODEN IJCAEV. ISSN 0218-1959.

Shin:2008:VDP

[SPPK08] Hayong Shin, Seyoun Park, Eonjin Park, and Deok-Soo Kim. Voronoi diagram of a polygon in chessboard metric and maskless lithographic applications. *International Journal of Computational Geometry and Applications (IJCGA)*, 18 (4):357–371, August 2008. CODEN IJCAEV. ISSN 0218-1959.

Scharf:2011:IPL

[SS11] Ludmila Scharf and Marc Scherfenberg. Inducing polygons of line arrangements. *International Journal of Computational Geometry and Applications (IJCGA)*, 21(3):351–368, June 2011. CODEN IJCAEV. ISSN 0218-1959.

Stoimenow:2021:ENC

[Sto21] Alexander Stoimenow. Exchangeability and non-conjugacy of braid representatives. *International Journal of Computational Geometry and Applications (IJCGA)*, 31(01):39–73, March 2021. ISSN 0218-1959. URL `https://www.worldscientific.com/doi/10.1142/S0218195921500047`.

Spielman:2007:PDR

[STÜ07] Daniel A. Spielman, Shang-Hua Teng, and Alper Üngör. Parallel Delaunay refinement: Algorithms and analyses. *International Journal of Computational Geometry and Applications (IJCGA)*, 17(1):1–30, February 2007. CODEN IJCAEV. ISSN 0218-1959.

Suzuki:2001:SPR

[STYK01] Ichiro Suzuki, Yuichi Tazoe, Masafumi Yamashita, and T. Kameda. Searching a polygonal region from the boundary. *International Journal of Computational Geometry and Applications (IJCGA)*, 11(5):529–553, 2001. CODEN IJCAEV. ISSN 0218-1959.

Shirakawa:2013:CDT

[SU13] Toshihiro Shirakawa and Ryuhei Uehara. Common developments of three incongruent orthogonal boxes. *International Journal of Computational Geometry and Applications (IJCGA)*, 23(1):65–??, February 2013. CODEN IJCAEV. ISSN 0218-1959.

Suderman:2004:PLD

[Sud04] Matthew Suderman. Pathwidth and layered drawings of trees. *International Journal of Computational Geometry and Applications (IJCGA)*, 14(3):203–??, June 2004. CODEN IJCAEV. ISSN 0218-1959.

Sugihara:1992:VDR

[Sug92] K. Sugihara. Voronoi diagrams in a river. *International Journal of Computational Geometry and Applications (IJCGA)*, 2(1):29–48, 1992. CODEN IJCAEV. ISSN 0218-1959.

Sugihara:2003:GEF

[Sug03] Kokichi Sugihara. Guest Editor's foreword. *International Journal of Computational Geometry and Applications (IJCGA)*, 13(4):277–??, August 2003. CODEN IJCAEV. ISSN 0218-1959.

Sendra:2001:ORP

[SV01] J. Rafael Sendra and Carlos Villarino. Optimal reparametrization of polynomial algebraic curves. *International Journal of Computational Geometry and Applications (IJCGA)*, 11(4): 439–453, 2001. CODEN IJCAEV. ISSN 0218-1959.

Silveira:2010:FCD

[SV10] Rodrigo I. Silveira and René Van Oostrum. Flooding countries and destroying dams. *International Journal of Computational Geometry and Applications (IJCGA)*, 20(3):361–380, June 2010. CODEN IJCAEV. ISSN 0218-1959.

Speckmann:2015:ANM

[SV15] Bettina Speckmann and Kevin Verbeek. Algorithms for necklace maps. *International Journal of Computational Geometry and Applications (IJCGA)*, 25(1):15–??, March 2015. CODEN IJCAEV. ISSN 0218-1959.

Suri:2016:MLV

[SV16] Subhash Suri and Kevin Verbeek. On the most likely Voronoi diagram and nearest neighbor searching. *International Journal of Computational Geometry and Applications (IJCGA)*, 26(3–4): 151–166, September/December 2016. CODEN IJCAEV. ISSN 0218-1959.

Schlesinger:2016:FSC

[SVY16] M. I. Schlesinger, E. V. Vodolazskiy, and V. M. Yakovenko. Fréchet similarity of closed polygonal curves. *International Journal of Computational Geometry and Applications (IJCGA)*, 26(1):53–??, March 2016. CODEN IJCAEV. ISSN 0218-1959.

Strijk:2001:LPC

[SW01] Tycho Strijk and Alexander Wolff. Labeling points with circles. *International Journal of Computational Geometry and Applications (IJCGA)*, 11(2): 181–195, 2001. CODEN IJCAEV. ISSN 0218-1959. URL `http://ejournals.wspc.com.sg/journals/ijcga/11/preserved-docs/1102/S0218195901000444.pdf; http://www.math-inf.uni-greifswald.de/map-labeling/papers/sw-lpc-01.ps.gz`.

Shimada:2000:ATP

[SYI00] K. Shimada, A. Yamada, and T. Itoh. Anisotropic triangulation of parametric surfaces via close packing of ellipsoids. *International Journal of Computational Geometry and Applications (IJCGA)*, 10(4):417–??,

2000. CODEN IJCAEV. ISSN 0218-1959.

Sitharam:2010:RCC

[SZP10] Meera Sitharam, Yong Zhou, and Jörg Peters. Reconciling conflicting combinatorial preprocessors for geometric constraint systems. *International Journal of Computational Geometry and Applications (IJCGA)*, 20(6):631–651, December 2010. CODEN IJCAEV. ISSN 0218-1959.

Tamassia:2003:GEF

[Tam03] Roberto Tamassia. Guest Editor's foreword. *International Journal of Computational Geometry and Applications (IJCGA)*, 13(1):3–??, February 2003. CODEN IJCAEV. ISSN 0218-1959.

Tan:1999:EGS

[Tan99] X. H. Tan. Edge guards in straight walkable polygons. *International Journal of Computational Geometry and Applications (IJCGA)*, 9(1):63–??, 1999. CODEN IJCAEV. ISSN 0218-1959.

Tan:2002:FOB

[Tan02] Xuehou Tan. Finding an optimal bridge between two polygons. *International Journal of Computational Geometry and Applications (IJCGA)*, 12(3): 249–??, 2002. CODEN IJCAEV. ISSN 0218-1959.

Tateiri:2023:EEE

[Tat23] Kazuma Tateiri. Efficient exact enumeration of single-source geodesics on a non-convex polyhedron. *International Journal of Computational Geometry and Applications (IJCGA)*, 33(3–4):97–132, September–December 2023. ISSN 0218-1959. URL `https://www.worldscientific.com/doi/10.1142/S0218195923500048`.

Teng:2000:GEF

[Ten00] S.-H. Teng. Guest Editor's foreword. *International Journal of Computational Geometry and Applications (IJCGA)*, 10 (3):225–??, 2000. CODEN IJCAEV. ISSN 0218-1959.

Tan:1999:CSI

[THI99] X. Tan, T. Hirata, and Y. Inagaki. Corrigendum to "An Incremental Algorithm for Constructing Shortest Watchman Routes". *International Journal of Computational Geometry and Applications (IJCGA)*, 9(3):319–??, 1999. CODEN IJCAEV. ISSN 0218-1959.

Tseng:1998:TGW

[THL98] L. H. Tseng, P. Heffernan, and D. T. Lee. Two-guard walkability of simple polygons. *International Journal of Computational Geometry and Applications (IJCGA)*, 8(1):85–??, February 1998. CODEN IJCAEV. ISSN 0218-1959.

Teng:1995:PAV

[TMPD95] Y. A. Teng, D. Mount, E. Puppo, and L. S. Davis. Parallelizing an algorithm for visibility on polyhedral terrain. *In-*

ternational Journal of Computational Geometry and Applications (IJCGA), ??(??):??, 1995. CODEN IJCAEV. ISSN 0218-1959.

Teng:1997:PAV

[TMPD97] Y. Ansel Teng, David Mount, Enrico Puppo, and Larry S. Davis. Parallelizing an algorithm for visibility on polyhedral terrain. *International Journal of Computational Geometry and Applications (IJCGA)*, 7(1–2):75–??, February–April 1997. CODEN IJCAEV. ISSN 0218-1959.

Tateiri:2021:EMA

[TO21] Kazuma Tateiri and Toru Ohmoto. An extended MMP algorithm: Wavefront and cut-locus on a convex polyhedron. *International Journal of Computational Geometry and Applications (IJCGA)*, 31(4):221–247, December 2021. ISSN 0218-1959. URL `https://www.worldscientific.com/doi/10.1142/S0218195922500029`.

Tokuyama:2002:GEF

[Tok02] Takeshi Tokuyama. Guest Editor's foreword. *International Journal of Computational Geometry and Applications (IJCGA)*, 12(4):267–??, August 2002. CODEN IJCAEV. ISSN 0218-1959.

Tokuyama:2010:F

[Tok10] Takeshi Tokuyama. Foreword. *International Journal of Computational Geometry and Applications (IJCGA)*, 20(1):1–2, February 2010. CODEN IJCAEV. ISSN 0218-1959.

Tokuyama:2019:GEF

[Tok19] Takeshi Tokuyama. Guest Editor's foreword. *International Journal of Computational Geometry and Applications (IJCGA)*, 29(1):1, March 2019. CODEN IJCAEV. ISSN 0218-1959. URL `https://www.worldscientific.com/doi/10.1142/S0218195919020011`.

Toussaint:2005:GPG

[Tou05] Godfried Toussaint. Geometric proximity graphs for improving nearest neighbor methods in instance-based learning and data mining. *International Journal of Computational Geometry and Applications (IJCGA)*, 15(2):101–??, April 2005. CODEN IJCAEV. ISSN 0218-1959.

Takahashi:1997:SNC

[TSN97] Jun-Ya Takahashi, Hitoshi Suzuki, and Takao Nishizeki. Shortest non-crossing rectilinear paths in plane regions. *International Journal of Computational Geometry and Applications (IJCGA)*, 7(5):419–??, October 1997. CODEN IJCAEV. ISSN 0218-1959.

Tamassia:2001:CSA

[TV01] Roberto Tamassia and Luca Vismara. A case study in algorithm engineering for geometric computing. *International Journal of Computational Geometry*

and Applications (IJCGA), 11 (1):15–70, 2001. CODEN IJCAEV. ISSN 0218-1959.

Teng:2000:UMG

[TW00] S.-H. Teng and C. W. Wong. Unstructured mesh generation: Theory, practice, and perspectives. *International Journal of Computational Geometry and Applications (IJCGA)*, 10(3): 227–??, 2000. CODEN IJCAEV. ISSN 0218-1959.

Trombettoni:2006:GFA

[TW06] Gilles Trombettoni and Marta Wilczkowiak. GPDOF — a fast algorithm to decompose under-constrained geometric constraint systems: Application to 3D modeling. *International Journal of Computational Geometry and Applications (IJCGA)*, 16(5–6):479–??, December 2006. CODEN IJCAEV. ISSN 0218-1959.

Tang:2006:MAC

[TWC06] Kai Tang, Charlie C. L. Wang, and Danny Z. Chen. Minimum area convex packing of two convex polygons. *International Journal of Computational Geometry and Applications (IJCGA)*, 16(1):41–??, February 2006. CODEN IJCAEV. ISSN 0218-1959.

Unnikrishnan:2010:SSG

[ULVH10] Ranjith Unnikrishnan, Jean-François Lalonde, Nicolas Vandapel, and Martial Hebert. Scale selection for geometric fitting in noisy point clouds. *International Journal of Computational Geometry and Applications (IJCGA)*, 20(5):543–575, October 2010. CODEN IJCAEV. ISSN 0218-1959.

Vanecek:1991:BIM

[Van91] G. Vaněček, Jr. Brep-index: a multidimensional space partitioning tree (revised). *International Journal of Computational Geometry and Applications (IJCGA)*, 1(3):243–262, September 1991. CODEN IJCAEV. ISSN 0218-1959.

VanDerMeiden:2005:EMD

[VB05] Hilderick A. Van Der Meiden and Willem F. Bronsvoort. An efficient method to determine the intended solution for a system of geometric constraints. *International Journal of Computational Geometry and Applications (IJCGA)*, 15(3):279–??, June 2005. CODEN IJCAEV. ISSN 0218-1959.

Viglietta:2012:SPR

[Vig12] Giovanni Viglietta. Searching polyhedra by rotating halfplanes. *International Journal of Computational Geometry and Applications (IJCGA)*, 22 (3):243–??, June 2012. CODEN IJCAEV. ISSN 0218-1959.

vanKreveld:2018:RDG

[vKLSW18] Marc van Kreveld, Maarten Löffler, Frank Staals, and Lionov Wiratma. A refined definition for groups of moving entities and its computation. *International Journal of Compu-*

tational Geometry and Applications (IJCGA), 28(2):??, June 2018. ISSN 0218-1959.

Vleugels:1998:AVD

[VO98] Jules Vleugels and Mark Overmars. Approximating Voronoi diagrams of convex sites in any dimension. *International Journal of Computational Geometry and Applications (IJCGA)*, 8(2):201–??, April 1998. CODEN IJCAEV. ISSN 0218-1959.

VanKreveld:2004:GNP

[VR04] Marc Van Kreveld and Iris Reinbacher. Good news: Partitioning a simple polygon by compass directions. *International Journal of Computational Geometry and Applications (IJCGA)*, 14(4–5):233–??, October 2004. CODEN IJCAEV. ISSN 0218-1959.

Wang:2009:RBT

[Wan09] Yusu Wang. Relations between two common types of rectangular tilings. *International Journal of Computational Geometry and Applications (IJCGA)*, 19 (2):161–172, April 2009. CODEN IJCAEV. ISSN 0218-1959.

Wang:2015:AMT

[Wan15] Haitao Wang. Aggregate-MAX top-k nearest neighbor searching in the L_1 plane. *International Journal of Computational Geometry and Applications (IJCGA)*, 25(1):57–??, March 2015. CODEN IJCAEV. ISSN 0218-1959.

Wu:2007:LNS

[WCLS07] Xiaodong Wu, Danny Z. Chen, Kang Li, and Milan Sonka. The layered net surface problems in discrete geometry and medical image segmentation. *International Journal of Computational Geometry and Applications (IJCGA)*, 17(3):261–296, June 2007. CODEN IJCAEV. ISSN 0218-1959.

Wu:2004:EAA

[WCMS04] Xiaodong Wu, Danny Z. Chen, James J. Mason, and Steven R. Schmid. Efficient approximation algorithms for pairwise data clustering and applications. *International Journal of Computational Geometry and Applications (IJCGA)*, 14(1–2): 85–??, April 2004. CODEN IJCAEV. ISSN 0218-1959.

Wu:2009:EAOb

[WDBB09] Xiaodong Wu, Xin Dou, John E. Bayouth, and John M. Buatti. Efficient algorithm for optimal matrix orthogonal decomposition problem in intensity-modulated radiation therapy. *International Journal of Computational Geometry and Applications (IJCGA)*, 19 (3):231–246, June 2009. CODEN IJCAEV. ISSN 0218-1959.

Weng:2002:GMC

[Wen02] Jia F. Weng. Generalized Melzak's construction in the

Steiner tree problem. *International Journal of Computational Geometry and Applications (IJCGA)*, 12(6):481–??, 2002. CODEN IJCAEV. ISSN 0218-1959.

Wang:2021:RSR

[WG21] Haohao Wang and Ron Goldman. Ruled surfaces of revolution with moving axes and angles. *International Journal of Computational Geometry and Applications (IJCGA)*, 31(2–3):163–181, June–September 2021. ISSN 0218-1959. URL https://www.worldscientific.com/doi/10.1142/S0218195921500084.

Wein:2005:CPV

[WIEH05] Ron Wein, Oleg Ilushin, Gershon Elber, and Dan Halperin. Continuous path verification in multi-axis NC-machining. *International Journal of Computational Geometry and Applications (IJCGA)*, 15(4):351–??, August 2005. CODEN IJCAEV. ISSN 0218-1959.

Willerton:2015:SMS

[Wil15] Simon Willerton. Spread: A measure of the size of metric spaces. *International Journal of Computational Geometry and Applications (IJCGA)*, 25(3):??, September 2015. CODEN IJCAEV. ISSN 0218-1959.

Wismath:2000:PLS

[Wis00] S. K. Wismath. Point and line segment reconstruction from visibility information. *International Journal of Computational Geometry and Applications (IJCGA)*, 10(2):189–??, 2000. CODEN IJCAEV. ISSN 0218-1959.

Weiss:2020:MOS

[WJA20] Bastian Weiß, Bert Jüttler, and Franz Aurenhammer. Mitered offsets and skeletons for circular arc polygons. *International Journal of Computational Geometry and Applications (IJCGA)*, 30(3–4):235–256, September–December 2020. ISSN 0218-1959. URL https://www.worldscientific.com/doi/10.1142/S0218195921500023.

Wang:1997:RQP

[WJG97] Wenping Wang, Barry Joe, and Ronald Goldman. Rational quadratic parameterizations of quadrics. *International Journal of Computational Geometry and Applications (IJCGA)*, 7(6):599–??, December 1997. CODEN IJCAEV. ISSN 0218-1959.

Worman:2007:PDO

[WK07] Chris Worman and J. Mark Keil. Polygon decomposition and the orthogonal art gallery problem. *International Journal of Computational Geometry and Applications (IJCGA)*, 17(2):105–138, April 2007. CODEN IJCAEV. ISSN 0218-1959.

Wang:2010:GWR

[WKG10] Pengpeng Wang, Ramesh Krishnamurti, and Kamal Gupta. Generalized watchman route problem with discrete view cost. *International Journal of Computational Geometry and Applications (IJCGA)*, 20(2): 119–146, April 2010. CODEN IJCAEV. ISSN 0218-1959.

Wang:2001:CAM

[WLW01] Jiaye Wang, Ding Yuan Liu, and Wenping Wang. Computing an almost minimum set of spanning line segments of a polyhedron. *International Journal of Computational Geometry and Applications (IJCGA)*, 11(5):475–485, 2001. CODEN IJCAEV. ISSN 0218-1959.

Wulff-Nilsen:2012:CSF

[WNGK+12] Christian Wulff-Nilsen, Ansgar Grüne, Rolf Klein, Elmar Langetepe, D. T. Lee, Tien-Ching Lin, Sheung-Hung Poon, and Teng-Kai Yu. Computing the stretch factor and maximum detour of paths, trees, and cycles in the normed space. *International Journal of Computational Geometry and Applications (IJCGA)*, 22(1):45–??, February 2012. CODEN IJCAEV. ISSN 0218-1959.

Wang:2005:ENU

[WQS05] Huawei Wang, Kaihuai Qin, and Hanqiu Sun. Evaluation of non-uniform Doo–Sabin surfaces. *International Journal of Computational Geometry and Applications (IJCGA)*, 15(3): 299–??, June 2005. CODEN IJCAEV. ISSN 0218-1959.

Williams:2007:TMS

[WR07] Jason Williams and Jarek Rossignac. Tightening: Morphological simplification. *International Journal of Computational Geometry and Applications (IJCGA)*, 17(5):487–503, October 2007. CODEN IJCAEV. ISSN 0218-1959.

Wolff:2002:SFA

[WTX02] Alexander Wolff, Michael Thon, and Yinfeng Xu. A simple factor-$\frac{2}{3}$ approximation algorithm for two-circle point labeling. *International Journal of Computational Geometry and Applications (IJCGA)*, 12(4):269–??, 2002. CODEN IJCAEV. ISSN 0218-1959. URL `http://www.math-inf.uni-greifswald.de/map-labeling/papers/wtx-sf23a-01.pdf; http://www.math-inf.uni-greifswald.de/map-labeling/papers/wtx-sf23a-01.ps`.

Wu:2009:EAOa

[Wu09] Xiaodong Wu. Efficient algorithms for the optimal-ratio region detection problems in discrete geometry with applications. *International Journal of Computational Geometry and Applications (IJCGA)*, 19 (2):141–159, April 2009. CODEN IJCAEV. ISSN 0218-1959.

Wang:2016:LCM

[WZ16] Haitao Wang and Jingru Zhang. Line-constrained k-median, k-means, and k-center problems in the plane. *International Journal of Computational Geometry and Applications (IJCGA)*, 26(3–4): 185–210, September/December 2016. CODEN IJCAEV. ISSN 0218-1959.

Wang:2018:CRC

[WZ18] Haitao Wang and Jingru Zhang. Computing the rectilinear center of uncertain points in the plane. *International Journal of Computational Geometry and Applications (IJCGA)*, 28 (3):??, September 2018. ISSN 0218-1959.

Wang:2019:TKW

[WZ19] Haitao Wang and Wuzhou Zhang. On top-k weighted sum aggregate nearest and farthest neighbors in the L_1 plane. *International Journal of Computational Geometry and Applications (IJCGA)*, 29(03):189–218, September 2019. CODEN IJCAEV. ISSN 0218-1959. URL `https://www.worldscientific.com/doi/10.1142/S0218195919500055`.

Wang:2020:LTA

[WZ20] Haitao Wang and Yiming Zhao. A linear-time algorithm for discrete radius optimally augmenting paths in a metric space. *International Journal of Computational Geometry and Applications (IJCGA)*, 30(3–4): 167–182, September–December 2020. CODEN IJCAEV. ISSN 0218-1959. URL `https://www.worldscientific.com/doi/10.1142/S0218195920500089`.

Xu:2004:TSP

[XLYB04] Jinhui Xu, Zhiyong Lin, Yang Yang, and Ronald Berezney. Traveling salesman problem of segments. *International Journal of Computational Geometry and Applications (IJCGA)*, 14 (1–2):19–??, April 2004. CODEN IJCAEV. ISSN 0218-1959.

Xu:2006:DLB

[Xu06] Guoliang Xu. Discrete Laplace–Beltrami operator on sphere and optimal spherical triangulations. *International Journal of Computational Geometry and Applications (IJCGA)*, 16 (1):75–??, February 2006. CODEN IJCAEV. ISSN 0218-1959.

Xu:2010:GSS

[XYZK10] Jinhui Xu, Yang Yang, Yongding Zhu, and Naoki Katoh. A geometric spanner of segments. *International Journal of Computational Geometry and Applications (IJCGA)*, 20(1):43–67, February 2010. CODEN IJCAEV. ISSN 0218-1959.

Yang:2006:SSC

[Yan06] Lu Yang. Solving spatial constraints with global distance coordinate system. *International Journal of Computa-*

tional Geometry and Applications (IJCGA), 16(5–6):533–??, December 2006. CODEN IJCAEV. ISSN 0218-1959.

Yang:2023:TPS

[Yan23] Chao Yang. Tiling the plane with a set of ten polyominoes. *International Journal of Computational Geometry and Applications (IJCGA)*, 33(3–4):55–64, September–December 2023. CODEN IJCAEV. ISSN 0218-1959. URL `https://www.worldscientific.com/doi/10.1142/S0218195923500012`.

Yon:2017:FLC

[YCCV17] Juyoung Yon, Siu-Wing Cheng, Otfried Cheong, and Antoine Vigneron. Finding largest common point sets. *International Journal of Computational Geometry and Applications (IJCGA)*, 27(3):177–185, September 2017. CODEN IJCAEV. ISSN 0218-1959.

Yu:2018:CPP

[YLL18] Hung-I Yu, Tien-Ching Lin, and D. T. Lee. The (1|1)-centroid problem in the plane with distance constraints. *International Journal of Computational Geometry and Applications (IJCGA)*, 28(2):??, June 2018. ISSN 0218-1959.

Zak:2010:DPC

[Żak10] Andrzej Żak. Dissections of polygons into convex polygons. *International Journal of Computational Geometry and Applications (IJCGA)*, 20(2):223–244, April 2010. CODEN IJCAEV. ISSN 0218-1959.

Zomorodian:2002:FSB

[ZE02] Afra Zomorodian and Herbert Edelsbrunner. Fast software for box intersections. *International Journal of Computational Geometry and Applications (IJCGA)*, 12(1–2):143–??, 2002. CODEN IJCAEV. ISSN 0218-1959.

Zernisch:2012:GTK

[Zer12] Jan B. Zernisch. A generalization of a theorem of Kleitman and Krieger. *International Journal of Computational Geometry and Applications (IJCGA)*, 22(2):167–??, April 2012. CODEN IJCAEV. ISSN 0218-1959.

Zhang:2006:WCC

[ZG06] Gui-Fang Zhang and Xiao-Shan Gao. Well-constrained completion and decomposition for under-constrained geometric constraint problems. *International Journal of Computational Geometry and Applications (IJCGA)*, 16(5–6):461–??, December 2006. CODEN IJCAEV. ISSN 0218-1959.

Zhang:2007:GEF

[Zha07] Li Zhang. Guest Editor's foreword. *International Journal of Computational Geometry and Applications (IJCGA)*, 17(3):199–200, June 2007. CODEN IJCAEV. ISSN 0218-1959.

Zhu:1997:ACP

[Zhu97] Binhai Zhu. Approximating convex polyhedra with axis-parallel boxes. *International Journal of Computational Geometry and Applications (IJCGA)*, 7(3):253–??, June 1997. CODEN IJCAEV. ISSN 0218-1959.

Zhu:2004:APC

[Zhu04a] Binhai Zhu. Approximating 3D points with cylindrical segments. *International Journal of Computational Geometry and Applications (IJCGA)*, 14(3): 189–??, June 2004. CODEN IJCAEV. ISSN 0218-1959.

Zhu:2004:GEF

[Zhu04b] Binhai Zhu. Guest Editor's foreword. *International Journal of Computational Geometry and Applications (IJCGA)*, 14(1–2):1–??, April 2004. CODEN IJCAEV. ISSN 0218-1959.

Zhu:2001:EAA

[ZP01] Binhai Zhu and C. K. Poon. Efficient approximation algorithms for two-label point labeling. *International Journal of Computational Geometry and Applications (IJCGA)*, 11(4): 455–464, 2001. CODEN IJCAEV. ISSN 0218-1959.

Zhang:2006:BSI

[ZWG06] Ming Zhang, Liqun Wang, and Ronald Goldman. Bézier subdivision for inverse molecular kinematics. *International Journal of Computational Geometry and Applications (IJCGA)*, 16 (5–6):513–??, December 2006. CODEN IJCAEV. ISSN 0218-1959.