

# A Complete Bibliography of Publications in the *ACM Journal of Experimental Algorithmics*

Nelson H. F. Beebe  
University of Utah  
Department of Mathematics, 110 LCB  
155 S 1400 E RM 233  
Salt Lake City, UT 84112-0090  
USA

Tel: +1 801 581 5254  
FAX: +1 801 581 4148

E-mail: [beebe@math.utah.edu](mailto:beebe@math.utah.edu), [beebe@acm.org](mailto:beebe@acm.org),  
[beebe@computer.org](mailto:beebe@computer.org) (Internet)  
WWW URL: <https://www.math.utah.edu/~beebe/>

23 December 2023  
Version 1.27

## Title word cross-reference

$(n \log n + 0.2n)$  [ES02].  $(n \log n - 0.9n)$  [ES02]. 1 [ABC<sup>+</sup>18, LNW08]. 2 [DDF19, DFKM09, LMMM05].  $b$  [MHS99, MHS00].  $k$  [BHM<sup>+</sup>19, CKLM09, CAGDPS<sup>+</sup>23, EP16a, EP16b, FR15, GKN17, HT17, NW13, SF18, ACN23].  $n$  [AKK19].  $n \times m$  [Shi00].  $O(nm \log n)$  [MS02].  $q$  [STK06].  $R$  [HW11].  $R^3$  [DFKM09].  $t$  [FG09].  $Z$  [SF18].

**-cardinality** [CKLM09]. **-center** [CAGDPS<sup>+</sup>23, LNW08]. **-fold** [AKK19]. **-grams** [STK06]. **-Hop** [DDF19]. **-manifold** [DFKM09]. **-matching** [MHS99, MHS00]. **-Median** [NW13]. **-Nearest** [EP16a, EP16b]. **-Order** [SF18]. **-Plexes** [BHM<sup>+</sup>19]. **-spanners** [FG09]. **-trees** [HW11].

**2005** [DT08]. **2006** [SÁ09]. **2008** [MW09]. **2010** [Fes13]. **2013** [SZ16a, SZ16b]. **2014** [GK16]. **2017** [PC18]. **2018** [D'A19]. **2022** [FKKS23].

**32-** [NG10].

**64-bit** [NG10].

**Accelerating** [VBC18]. **accessing** [YZ98]. **aCGH** [TPT<sup>+</sup>11]. **acyclic** [PK06]. **Adapting** [RR01]. **Adaptive** [IGA05, MPR20, PF08, BN19]. **adaptiveness** [BFM08]. **Adding** [BCD<sup>+</sup>18]. **Address** [JM15]. **Advanced** [SSS15]. **Advances** [HHS22]. **against** [BSTU08]. **air** [BMS09]. **airspace** [BMS09]. **ALENEX** [DT08, MW09, PC18, SZ16a, SZ16b]. **ALENEX'12** [BM15]. **Algorithm** [ABC<sup>+</sup>18, ABM22, BLW16, BN19, CEF23, CMN16, DPSW18, GC20, JB20, KBJ19, NG22, RMH<sup>+</sup>16, BDS<sup>+</sup>10, BLMM05, BGL03, BFW08, BS99, CEM13, CT09, CW09, EJ99, FT06, GS08, HJB98, Kim99, MPR04, MSS<sup>+</sup>06, PK06, SWW00, VSM03, YZ98]. **Algorithmic** [BLN22, BG97]. **Algorithms** [AM20, ATV01, BM19, BDSU22, BKP20, BM21, CFP19, CHW19, DDF<sup>+</sup>15, EKX09, FFF15, FMZ01, GD15, GL06, HHS22, HNSS18, IKRT01, KKP16a, KKP16b, LW22, MO15, MNG16, MW23, MNNW15, NPR<sup>+</sup>19, NW13, PS06, PW17, Sto19, dJvdLT23, AS02, ACI97, BHJ96, BLOLS09, BMS09, BKL00, CGM<sup>+</sup>98, CGG<sup>+</sup>09, DL10, DK05, EJ02, ECHS09, FINP98, GGHN08, HRSZ98, HSW<sup>+</sup>09, JMN99, Jac10, KM13b, KZ08, Li08, Mag98, MM06, Mic11, MHS99, MHS00, PCJ97, RN11, SRB08, TPT<sup>+</sup>11, Ull10, XZK00]. **Alignment** [DLY23, QSL<sup>+</sup>21]. **all-against-all** [BSTU08]. **all-pairs** [VSM03]. **allocation** [BBJP08]. **Alternative** [ADGW13, LS15]. **Altruistic** [MO15]. **amalgamated** [GT04]. **Anagrams** [Rea12]. **Analysing** [RR00]. **Analysis** [GK01, LLH<sup>+</sup>22, RVHE18, Boy11, DFKS11, FINP98]. **Analytical** [DL10]. **analyzed** [BLMM05]. **Anatree** [Rea12]. **Annealing** [CEF23, JLM<sup>+</sup>21]. **Anonymity** [dJvdLT23]. **apart** [CNV22]. **Applications** [CILP20, Epp00]. **Applied** [CDF<sup>+</sup>23]. **apportionment** [HRSZ98]. **Approach** [DLY23, BSTU08, DS13, MP08]. **approaches** [AN10, CMP<sup>+</sup>08, LMMM05]. **Approximate** [HT17, KMY03, Boy11, CEM13, FMRT02, FN04, HFN05, SZ05]. **Approximating** [ABM22, DSW19, FR15, PPR05, SMEDM08]. **Approximation** [NPR<sup>+</sup>19, PW17, TPT<sup>+</sup>11, BLMM05, DK05, EJ02, FCNP09, FNP06, LNW08, NR08, BN19]. **Approximations** [BC19]. **Arc** [BSNA21, GJR22]. **Area** [PPM16, IJS<sup>+</sup>06]. **arrangement** [Pet03]. **arrangements** [HH08]. **Array** [CILP20, KK16, KK19, KM17, DKMS08]. **Arrays** [BFO16a, BFO16b, GNF15]. **aspects** [BG97]. **Assignment** [BSW19, KST20, EJ99, Jac10, Li08]. **Audit** [GD15]. **Augment** [CGM<sup>+</sup>98]. **automata** [NR00]. **Automated** [LF19]. **Automorphism** [Sto19]. **Autotopism** [SFKM20]. **Average** [FN04, Li08]. **average-case** [Li08]. **Average-optimal** [FN04]. **Avoiding** [EW19].

**B** [ADT03]. **B-trees** [ADT03]. **backtracking** [GS08]. **backtracking-based** [GS08]. **balance** [HRSZ98]. **balancing** [BMS09]. **BALL** [BKL00]. **balls**

[KMY03]. **barriers** [BA06]. **Based** [ATV01, CFP19, GK01, GMS16, HNS20, HSS19b, KM17, MRS01, NG22, AN10, Bel23, CKM00, CEF23, CS00, DHW08, FT06, GS08, NAH04, QSL<sup>+</sup>21]. **basis** [BW02, MM06, PCJ97]. **Batch** [ABM22, DSW19]. **Batch-dynamic** [ABM22]. **Batches** [DDF<sup>+</sup>15]. **Benchmark** [FGLP21, HMP<sup>+</sup>18]. **Benchmarking** [BGQ19]. **Benchmarks** [Spe15, Spe10]. **best** [DT09]. **Better** [DKMS08, KK19, KST20]. **between** [BM21, CMTW19, SMEDM08]. **Betweenness** [BCD<sup>+</sup>18, BN19, VBC18]. **biased** [CS98]. **bidirected** [EJ02]. **Bigraph** [SBG01]. **Billiard** [CEF23]. **bin** [BBJP08]. **Binary** [CDF<sup>+</sup>23, GL22, DS13, Ull10]. **biobjective** [DS13]. **biochemical** [BKL00]. **Bipartite** [BKP20, CGM<sup>+</sup>98, LMS10, NPS<sup>+</sup>11]. **Bipartization** [GHS21]. **Bisection** [HS18]. **Bit** [HT17, Ull10, HFN05, NG10, NR00]. **Bit-Parallel** [HT17]. **bit-parallelism** [HFN05, NR00]. **Bit-vector** [Ull10]. **blocked** [VSM03]. **BlockQuicksort** [EW19]. **Bloom** [GL20, PSS09]. **Boltzmann** [AON15]. **Boolean** [ARMS08]. **boosted** [SS23]. **Bose** [AON15]. **Bouchitté** [KBJ19]. **Bound** [CMN16, FT06]. **Bounded** [AGG<sup>+</sup>23, ZP19, BFK<sup>+</sup>03, Jul09]. **Bounded-Degree** [AGG<sup>+</sup>23]. **bounds** [dSLAM05]. **Branch** [BLW16, CMN16, EW19, BNWG08, FT06]. **Branch-and-Bound** [CMN16, FT06]. **Branch-Price-and-Cut** [BLW16]. **branching** [BLLW13]. **Breaking** [DF01, ARMS08]. **Broadcast** [Lib01]. **broadcasting** [FNP06]. **BST** [AZ10]. **Buffered** [FS22]. **buffers** [ERW09]. **build** [SZ05]. **burst** [AZ10]. **burstsrt** [SW10]. **bypassing** [YZ98].

## Cache

[BM21, FPR09, PP06, PSS09, SZ04, SZR06, AZ10, BFV08, ERS99, RR00]. **Cache-** [PSS09]. **Cache-conscious** [FPR09, SZ04]. **Cache-efficient** [SZR06]. **Cache-Friendly** [PP06]. **cache-oblivious** [BFV08]. **cached** [San00]. **caches** [LL96, WACV02]. **Caching** [Lib01]. **Candidate** [LS15]. **Canonization** [AM20]. **Capacitated** [CAGDPS<sup>+</sup>23]. **capacity** [CGM<sup>+</sup>98]. **Cardinality** [DW15, Spe15, CKLM09]. **case** [BKS00, ERS99, LRAM06, Li08, SWW00]. **center** [CAGDPS<sup>+</sup>23, LNW08]. **Centrality** [BCD<sup>+</sup>18, VBC18]. **CG** [FKKS23]. **CGAL** [FHH<sup>+</sup>00, HH08]. **Challenge** [FKKS23]. **checkpointing** [BA06]. **Chips** [GC20]. **chordal** [PPR05]. **chromatic** [HH02]. **Circular** [HT17]. **class** [SOS05]. **class/teacher** [SOS05]. **Clique** [FFF15, GGHN08]. **Cliques** [ELS13, KBJ19]. **closest** [Epp00]. **Closure** [FMZ01, KZ08, PP06]. **cluster** [MSM09]. **ClusterHulls** [HSS08]. **Clustering** [GKW15, Ano08, Epp00, GMS<sup>+</sup>13, RN11]. **Clusterings** [CMTW19]. **Clusters** [CMTW19]. **CNF** [EOP20, IKM<sup>+</sup>02]. **Coarsening** [GMS16, SSS15]. **Collapse** [DSW19]. **Collections** [NP16]. **Collisions** [NG22]. **Colored** [LPR21]. **Coloring** [BM19, CDF<sup>+</sup>23, Man18, NPR<sup>+</sup>19, SS23, CEM13, MPR04, PPR05]. **Column** [AB15, CGM09]. **Combining** [BDS<sup>+</sup>10, HSWW05, GMS<sup>+</sup>13, NR00]. **Comments** [GJR22]. **common** [BGL03]. **communication** [BHJ96].

**Compact** [BBG<sup>+</sup>17, GKN17, NPV15]. **Comparative** [Boy11, CZ15]. **Compare** [KMN17]. **Comparing** [CMTW19, NG10]. **Comparison** [FPR23, JLM<sup>+</sup>21, KM17, DL10, Mic11]. **Comparison-Based** [KM17]. **comparisons** [ES02]. **Competition** [FHH21]. **Complex** [BGQ19, GMS16, dJvdLT23]. **Complexity** [Man18, dSLAM05]. **Compressed** [GO13, GNF15, GO15, NP16, AN10, VMGD09]. **Compression** [MRS01, NLG<sup>+</sup>22, LOMSS05]. **Computation** [BBDW19, CNV22, DHLO09, KLC15, vdBG<sup>+</sup>22, GO13, WWZ05]. **computational** [CGM<sup>+</sup>98, JMN99, MHS00]. **computationally** [HLL06]. **computations** [BSWW04, HSWW05]. **Computing** [BM19, BM21, CCL15, CMN16, JLM<sup>+</sup>21, LNW08, PGI18, SSMJ99, Shi00, SFKM20, TSP18, WEM11, dJvdLT23, HTVW08]. **concept** [Ner02]. **concurrently** [YZ98]. **Conflict** [CDF<sup>+</sup>23]. **congestion** [PS06, WSdC00]. **Congress** [HRSZ98]. **Congressional** [LF19]. **Connection** [DPSW18]. **Connectivity** [IKRT01]. **conscious** [FPR09, SZ04]. **consideration** [NTB05]. **constants** [TMH11]. **Constrained** [DPW15, GKW15, CEM13, TRC11]. **Constrainedness** [EOP20]. **Constraint** [DW15, Ull10]. **Constraints** [Spe15]. **Constructing** [SF18]. **Construction** [BBO17, DEF<sup>+</sup>21, KK16, KK19, BKS00, DKMS08]. **Constructive** [CAGDPS<sup>+</sup>23]. **contact** [IJS<sup>+</sup>06]. **containers** [WWZ05]. **Contraction** [BSW19, DSW16, BGSV13]. **controller** [BMS09]. **convex** [BLLW13]. **cooperative** [Ner02]. **coordinated** [BA06]. **coordinates** [BSWW04]. **copying** [SZR06]. **core** [KCC11, KMY03]. **core-sets** [KMY03]. **Correspondence** [CS00]. **Correspondence-based** [CS00]. **cost** [HTVW08]. **costs** [ADGM06]. **Counting** [FHH21, FFF15, JB20]. **couples** [BIS11]. **Cover** [DDF19, DL10, FT06, GGHN08]. **covering** [ECHS09, FT06]. **covers** [HLL06]. **Creates** [Spe15]. **Critical** [PGI18, HH02]. **Crossing** [RRRW19, SBG01, CGM09, CGMW10]. **crossings** [DF01]. **CSP** [CDF<sup>+</sup>23]. **Cuckoo** [GL20, MPR20]. **Curve** [SF18]. **curves** [HW11]. **Customizable** [BSW19, DSW16]. **Cut** [BLW16, HNSS18, MW23]. **Cuts** [BLW16]. **cutting** [Lev00]. **Cycle** [FEMPS16a, FEMPS16b, ZP19, MM06]. **cycles** [DF01].

**D** [ABC<sup>+</sup>18, LMMM05]. **Data** [BDSU22, DLY23, FPGI13, GGHN08, KKN<sup>+</sup>21, MRS01, Rea12, CS00, ERS99, HSS08, IGA05, MS02, NG10, NAH04, TPT<sup>+</sup>11, VH02]. **Data-dependent** [DLY23]. **datapath** [dSLAM05]. **David** [McG16]. **Dealing** [TMH11]. **decomposed** [KKT<sup>+</sup>20]. **decomposition** [GS08]. **Decompositions** [GLLO22, GO15, NZ01]. **Decreasing** [CNV22]. **Degree** [AGG<sup>+</sup>23, Ull15]. **Delaunay** [KCC11]. **delay** [CEM13]. **deliver** [ECHS09]. **denoising** [TPT<sup>+</sup>11]. **Density** [GKW15]. **Density-Constrained** [GKW15]. **Dependent** [KLC15, BGSV13, DLY23]. **Design** [CKM00, GK01, LLH<sup>+</sup>22, BMS09, FHH<sup>+</sup>00, MHS99]. **Detection** [LLH<sup>+</sup>22]. **Deterministic** [BM19, HJB98]. **Diagrams** [BBG<sup>+</sup>17, KMN17]. **diameter** [Jul09]. **dictionaries** [FPGI13]. **Dictionary** [MRS01, Boy11, DHW08].

**Dictionary-Based** [MRS01]. **different** [CMP<sup>+</sup>08]. **Difficult** [EOP20, Spe10]. **Digital** [JLM<sup>+</sup>21]. **Dijkstra** [BDS<sup>+</sup>10, MSS<sup>+</sup>06, SWW00]. **Dimensional** [SF18, DLY23, HW11, KM13b, SSMJ99]. **dimensions** [KMY03]. **Directed** [CMN16, PGI18, BDS<sup>+</sup>10, EJ99, MSM09, PK06]. **Direction** [LLH<sup>+</sup>22]. **Direction-optimizing** [LLH<sup>+</sup>22]. **Discovery** [LPR21]. **discrepancy** [PU11]. **disjoint** [EJ02]. **Disk** [Lib01]. **Distance** [BM21, CNV22, SMEDM08]. **distances** [MSM09]. **Distributed** [BM19, MPR04]. **Distribution** [NG22, GL06, RR00]. **Distributions** [AON15]. **diversification** [SOS05]. **Document** [GKN17, NPV15]. **Donation** [MO15]. **double** [CS00, DT09]. **double-ended** [CS00]. **double-tree** [DT09]. **drawing** [PCJ97]. **Droplet** [GC20]. **DSM** [BA06]. **dual** [BLMM05, dSLAM05]. **dummy** [NTB05]. **Dynamic** [BM19, BLN22, DDF<sup>+</sup>15, DDF19, FCLMC21, FMZ01, GMS<sup>+</sup>13, HHS22, IKRT01, KKT<sup>+</sup>20, MRS01, NR08, TW09, VBC18, VM18, vdBG<sup>+</sup>22, ACI97, ABM22, DS13, DHW08, Epp00, FINP98, GL06, Hof13, KZ08, LFLSW08, PK06, Rad98, SZ04, TPT<sup>+</sup>11].

**'Easy** [FMRT02]. **Edge** [BM19, EJ02, GRST12, MPR04, TRC11]. **edge-coloring** [MPR04]. **edge-disjoint** [EJ02]. **editor** [FH11]. **Editorial** [GK16, Kla15, PC18, Zar19]. **Effect** [MRS01]. **Effective** [KCC11]. **effects** [RR00]. **Efficient** [ABC<sup>+</sup>18, ATV01, AB15, BBO17, CFP19, DSW19, EJ99, GO13, GC20, HMP<sup>+</sup>18, KLC15, MNNW15, PF08, PSWZ08, TS16, WACV02, ADT03, ECHS09, HH11, MP08, NTB05, PSS09, SOS05, SZ05, SZR06, WWZ05, YZ98]. **Efficiently** [dJvdLT23, Kim99, Shi00]. **Einstein** [AON15]. **elevation** [WEM11]. **Elimination** [QSL<sup>+</sup>21]. **ELRUNA** [QSL<sup>+</sup>21]. **Embeddings** [BFKK20]. **Empirical** [FGLP21, NPR<sup>+</sup>19, PPM16, ACI97, BIS11, SWW00]. **enclosing** [KMY03]. **ended** [CS00]. **energy** [FNP06]. **Engineered** [BSW19]. **Engineering** [AM20, Ano08, ACF<sup>+</sup>21, BFV08, HSW08, HSW<sup>+</sup>09, MNNW15, SW10, VMGD09, BKS00, TMH11]. **enhanced** [ERS99]. **enough** [DT09]. **enumerating** [CEM13]. **Enumeration** [CNV22, RMH<sup>+</sup>16]. **equilibria** [PS06]. **equilibrium** [CMP<sup>+</sup>08]. **ESA** [Zar19]. **estimating** [IJS<sup>+</sup>06]. **Estimation** [CEF23]. **Evaluating** [AKK19]. **Evaluation** [CMN16, ERW09, GNR16, GHS21, KBJ19, MW23, NPR<sup>+</sup>19, NW13, PW17, SBG01, VBC18, ZP19, Ano08, CGG<sup>+</sup>09, HJB98, LRAM06, Li08, dSLAM05]. **evolution** [Ner02]. **evolutionary** [SMEDM08]. **Exact** [BSNA21, BBDW19, CHW19, GJR22, KM13b, Sto19, CGM09, GGHN08]. **Expected** [TSP18]. **Experimental** [BKP20, CMN16, FG09, FPR23, FR15, FINP98, FMZ01, GK01, GHS21, IKRT01, JLM<sup>+</sup>21, KBJ19, Li08, LLH<sup>+</sup>22, Man18, MW23, NW13, PW17, SBG01, ZP19, AS02, Ano08, BLOLS09, BNWG08, BCFM00, CGG<sup>+</sup>09, CMP<sup>+</sup>08, DL10, DFKS11, FPGI13, HH08, HJB98, Jac10, KZ08, LG02, Mag98, MPR04, Mic11, PCJ97, SSMJ99]. **Experimentation** [MO15]. **Experiments** [CGM09, CHW19, DDF<sup>+</sup>15, FFF15, FMM20, GKW15, KKN<sup>+</sup>21, Pet03, VV00]. **explicit** [VV00]. **exploit**

[AZ10]. **Explorable** [FMM20]. **exponential** [SHA97]. **Extending** [EP16a, EP16b]. **Extensions** [JB20]. **External** [BFO16a, BFO16b, KK16, KK19, BCFM00, DKMS08]. **Extremal** [MNG16].

**Factor** [CFP19, FNP06]. **Factorization** [KKP16a, KKP16b]. **Far** [CNV22]. **Far-apart** [CNV22]. **Fast** [AW09, BD09, BBDW19, BFK<sup>+</sup>03, DT09, Epp00, GL22, GO15, LOMSS05, NR00, PW17, Rea12, San00, BBP11, CKLM09, SW10]. **Faster** [BGQ19, CNV22, GL20, KM13a, LFLSW08, NP16, SSS21, FT06]. **faults** [FPGI13]. **feasibility** [CGG<sup>+</sup>09]. **Feedback** [BSNA21, GJR22, HGH21]. **Filters** [GL20, GL22, MPR20, PSS09]. **filtration** [DSW19]. **Finding** [HH02, IM09, Lev00, MNG16, WSdC00, ZP19, ACN23]. **Findings** [FGLP21]. **Fingerprinting** [Bel23]. **Fingerprinting-based** [Bel23]. **fingers** [DM05]. **Flexible** [MRS01, GRST12, MHS99, NR00]. **Flow** [BBG<sup>+</sup>17, GK01, HSS19b, CGM<sup>+</sup>98, DK05, NPS<sup>+</sup>11]. **Flow-Based** [HSS19b]. **fold** [AKK19]. **Following** [HMP<sup>+</sup>18]. **Foreword** [Fes13, FH11]. **Formula** [BGQ19]. **formulas** [ARMS08]. **Formulations** [CZ15]. **Four** [HW11]. **Four-dimensional** [HW11]. **FPT** [ECHS09]. **FPT-algorithms** [ECHS09]. **Framework** [AM20, LLH<sup>+</sup>22, LRAM06]. **free** [CGMW10]. **Friendly** [PP06]. **Frontiers** [VBC18]. **Fully** [BM19, BLN22, DDF19, HHS22, IKRT01, KZ08]. **function** [SHA97]. **Fuse** [GL22].

**games** [PS06]. **Gauss** [WEM11]. **General** [NPV15, MS02]. **Generalized** [GLLO22, NPR<sup>+</sup>19]. **Generating** [BSWW04, EOP20, TRC11]. **Generation** [HMP<sup>+</sup>18, CGM09]. **generator** [Spe10]. **Generic** [AM20]. **Genome** [GD15]. **genomes** [SMEDM08]. **Geometric** [AGG<sup>+</sup>23, BMS09, NZ01, RRRW19, TSP18, WWZ05, FG09]. **Geometry** [KMN17, DFKM09]. **Goal** [MSM09, BDS<sup>+</sup>10]. **Goal-directed** [MSM09, BDS<sup>+</sup>10]. **good** [AW09, DT09]. **GPU** [CT09, RVHE18]. **GPU-Quicksort** [CT09]. **Grammar** [NLG<sup>+</sup>22]. **grams** [STK06]. **Graph** [AM20, BM19, CDF<sup>+</sup>23, FS22, GHS21, GKW15, HS18, HHS22, HNS20, KBJ19, NPR<sup>+</sup>19, SSS15, SF18, Sto19, Ull15, ACI97, Ano08, BSTU08, GMS<sup>+</sup>13, NTB05, PCJ97]. **graphics** [CT09]. **Graphs** [AB15, BHM<sup>+</sup>19, BLW16, ELS13, FEMPS16a, FEMPS16b, HMP<sup>+</sup>18, KKN<sup>+</sup>21, LLH<sup>+</sup>22, Man18, PGI18, SS23, VM18, ZP19, vdBG<sup>+</sup>22, ADGM06, HH02, HSW08, HH11, MS02, MSS<sup>+</sup>06, NPS<sup>+</sup>11, PK06, PPR05, TRC11]. **GRASP** [FPPR06]. **Greeding** [Mag98]. **Greedy** [BFKK20, Jul09, BLMM05, EJ99]. **Grid** [ATV01, BS99, HTVW08]. **Grid-Based** [ATV01]. **Gromov** [CCL15]. **Group** [Sto19]. **Groups** [SFKM20]. **Guest** [FH11]. **Guide** [HHS22].

**Hafnian** [BGQ19]. **Hamiltonian** [ZP19]. **'Hard** [FMRT02]. **Harder** [Spe15]. **Hardest** [Man18]. **hash** [AZ10, PSS09, SHA97]. **hash-** [PSS09].

**Hashing** [Bel23, BBPV11, DHW08, Kim99]. **heap** [BKS00]. **heaps** [LL96, YZ98]. **HEAPSORT** [ES02]. **Helps** [KMN17]. **Heuristic** [CAGDPS<sup>+</sup>23, LMS10, Sto19, BP97, FNP06, LMMM05, SOS05, dSLAM05].

**Heuristics** [BW02, IJS<sup>+</sup>06, RRRW19, SBG01, BBJP08, CKM00, FMRT02, Jul09, NTB05].

**hidden** [TMH11]. **Hierarchical** [NW13, BDS<sup>+</sup>10, Epp00]. **Hierarchies** [BSW19, DSW16, BGSV13]. **Hierarchy** [RR01]. **High** [DLY23, RVHE18, SHG<sup>+</sup>22, SF18, KMY03]. **High-Dimensional** [SF18, DLY23]. **High-Performance** [RVHE18]. **High-Quality** [SHG<sup>+</sup>22].

**Hilbert** [HW11]. **History** [GK01, BP97]. **history-sensitive** [BP97].

**Homogeneous** [DDF<sup>+</sup>15]. **Hop** [DDF19]. **hotlink** [Jac10]. **Hub** [EP16a, EP16b]. **Hybrid** [HNR<sup>+</sup>99, DS13]. **hydrogens** [LFLSW08].

**HyperBench** [FGLP21]. **Hyperbolic** [BFKK20, VM18]. **Hyperbolicity** [CCL15, CNV22]. **Hyperedge** [BDSU22]. **Hypergraph** [HSS19b, SHG<sup>+</sup>22, CKM00]. **Hypergraphs** [FGLP21]. **Hypertree** [GLLO22, GS08].

**I/O** [ATV01, ADT03, HMP<sup>+</sup>18]. **I/O-Efficient** [ATV01, HMP<sup>+</sup>18, ADT03].

**ILP** [HNS20]. **ILP-Based** [HNS20]. **Implementation** [EJ02, LLH<sup>+</sup>22, MS02, Rad98, CKM00, DHW08, EJ99, FHH<sup>+</sup>00, HH11, VMGD09].

**implementations** [PP06]. **Implementing** [AN98, DK05, ES02, MM06, MHS99, MHS00, TS16]. **Importance** [JB20].

**Improved** [LMP23, KM13a]. **Improving** [BCD<sup>+</sup>18, DM05, XZK00, NAH04].

**in-place** [SW10]. **in-subtree** [Rad98]. **Increased** [HFN05]. **Incremental** [GLLO22, NW13]. **Independent** [BLN22, HSS19a]. **Index** [ABC<sup>+</sup>18].

**Indexes** [GKN17]. **Indexing** [BCF<sup>+</sup>21, Boy11, CILP20]. **indices** [AN10].

**Induced** [NLG<sup>+</sup>22]. **Inducing** [BFO16a, BFO16b]. **influence** [LL96].

**information** [PSWZ08]. **initialization** [LMS10]. **insights** [MHS00].

**Inspired** [BM19]. **Instances** [EOP20]. **instruction** [VV00]. **Integer** [AKK19, BHJ96, BLLW13, NG10]. **Integrating** [BA06]. **interactive** [LMMM05]. **Intersection** [AB15, BLOLS09]. **interval** [CEM13, PPR05].

**intervals** [Knu96]. **Introduction** [BM15, D'A19, SZ16a, SZ16b, BG97].

**investigation** [BLOLS09]. **IP** [IGA05, PF08]. **Irredundant** [Knu96].

**Isocontours** [BBDW19]. **Isomorphism** [Sto19, Ull10]. **Issue** [BM15, D'A19, GK16, PC18, SZ16a, SZ16b, Zar19, Fes13].

**JEA** [Nik06]. **Johnson** [Mcg16].

**KADABRA** [BN19]. **Katz** [vdBG<sup>+</sup>22]. **Kernelization** [HSS19a]. **key** [GL06]. **keys** [NG10]. **Kidney** [MO15]. **knapsack** [DS13].

**Label** [LLH<sup>+</sup>22]. **Labeled** [Ull15]. **Labeling** [BLN22, DDF19, GNR16, BLMM05]. **Labels** [EP16a, EP16b]. **Large** [EP16a, EP16b, ELS13, vdBG<sup>+</sup>22, IM09, SZ04, TMH11, VH02]. **Large-Scale**

[EP16a, EP16b]. **Latin** [SFKM20]. **lattice** [BW02]. **Layer** [CGMW10]. **Layer-free** [CGMW10]. **layered** [IJS<sup>+</sup>06]. **layering** [NTB05]. **layout** [NAH04]. **Layouts** [KM17]. **Lazy** [KKP16a, KKP16b]. **LCP** [BFO16a, BFO16b, GO13, KK16, KK19]. **LCP-values** [GO13]. **learning** [BGL03, Ner02]. **least** [HTVW08]. **least-cost-path** [HTVW08]. **leftist** [CS98]. **Lempel** [AN10, ACF<sup>+</sup>21, KKP16a, KKP16b]. **level** [AAS<sup>+</sup>19]. **LFR** [HMP<sup>+</sup>18]. **library** [BKL00]. **lifetime** [EKX09]. **Limited** [PU11]. **line** [SWW00]. **Linear** [CFP19, JB20, LMP23, NG22, Pet03, SRB08]. **Lines** [DLL23, ECHS09]. **Links** [BCD<sup>+</sup>18]. **list** [LG02, VV00]. **Listing** [BHM<sup>+</sup>19, ELS13]. **Lists** [FPR09, CS98]. **Local** [AW09, CW09, HNS20, IKM<sup>+</sup>02, RN11]. **locality** [NAH04]. **localization** [LRAM06]. **Localizations** [HGH21]. **Locally** [GNF15]. **location** [ADT03, HH08, VH02]. **Lock** [YZ98]. **Long** [LW22]. **Long-tailed** [LW22]. **longer** [EKX09]. **longest** [BGL03]. **lookup** [PF08]. **lookups** [IGA05]. **LP** [AW09].

**Machines** [SSS21]. **Maintenance** [DDF<sup>+</sup>15, BS99]. **manifold** [DFKM09]. **manufacturing** [IJS<sup>+</sup>06]. **Map** [BLN22]. **Mapping** [KST20, KM13a]. **MapReduce** [FFF15]. **Maps** [GNR16, FHH<sup>+</sup>00]. **market** [CMP<sup>+</sup>08]. **Massive** [HMP<sup>+</sup>18, SS23, HTVW08]. **Matching** [ABM22, AB15, BM19, BKP20, CFP19, HT17, KKN<sup>+</sup>21, BSTU08, BIS11, BFK<sup>+</sup>03, CGM<sup>+</sup>98, FN04, HFN05, Kim99, KM13b, LMS10, Mag98, Mic11, MHS99, MHS00, NR00, STK06]. **Matchings** [CMTW19, FMRT02, IM09, MS02]. **Matrices** [BGQ19]. **Matrix** [ERS99]. **matroid** [DHLO09]. **Max** [MW23, PPR05, BP97]. **max-coloring** [PPR05]. **MAX-SAT** [BP97]. **maxima** [WEM11]. **Maximal** [BM19, BHM<sup>+</sup>19, ELS13, KBJ19]. **maximization** [Li08]. **Maximum** [ABM22, CHW19, HSS19a, KKN<sup>+</sup>21, PW17, FMRT02, NPS<sup>+</sup>11]. **MAXSAT** [FPPR06]. **Maxwell** [AON15]. **means** [HH02]. **Measures** [TSP18]. **mechanisms** [BA06]. **Median** [NW13]. **memetic** [BS99]. **Memoriam** [Mcg16]. **Memory** [BFO16a, BFO16b, KK16, KK19, RR01, BBJP08, BCFM00, DKMS08, FPGI13, San00, XZK00]. **Merging** [VBC18, dSLAM05]. **mesh** [KCC11]. **Method** [BSNA21, GJR22]. **Methods** [GHS21, Boy11, HNR<sup>+</sup>99]. **metric** [BLMM05, DT09, FCNP09]. **Microfluidic** [GC20]. **Minimal** [Bel23, BBPV11]. **Minimization** [RRRW19, SBG01, CGM09, CGMW10]. **minimizing** [DF01]. **Minimum** [BSNA21, BGSV13, CDF<sup>+</sup>23, FKKS23, FMM20, GJR22, HNSS18, NZ01, DT09, FNP06, Jul09, KMY03, MM06, NTB05, Pet03, WSdC00]. **minimum-weight** [DT09]. **minimum-width** [NTB05]. **Mismatches** [HT17]. **Mispredictions** [EW19]. **mixed** [BLLW13]. **mixed-integer** [BLLW13]. **Modal** [KLC15]. **Model** [FHH21, JM15]. **modeling** [BKL00]. **Models** [CHW19, PSWZ08, Ano08]. **modified** [CS98]. **modularity** [GMS<sup>+</sup>13, RN11]. **molecular** [BKL00]. **monotone** [BBPV11]. **motivate** [HH11]. **Motorcycle** [HH11]. **move** [CKM00]. **move-based** [CKM00]. **MST**



[FNP06]. **much** [DFKM09]. **Multi** [AAS<sup>+</sup>19, KLC15, VV00]. **Multi-level** [AAS<sup>+</sup>19]. **Multi-Modal** [KLC15]. **multi-threaded** [VV00]. **multicast** [GL06]. **multicriteria** [DHLO09]. **multidimensional** [DM05]. **Multilevel** [HSS19b, RN11, SRB08, HSW08]. **Multimodal** [DPW15, DLL23]. **Multipattern** [STK06]. **multiple** [FN04, HFN05, KM13b, TRC11]. **multiplication** [ERS99].

**naming** [KM13a]. **Nash** [PS06]. **national** [BS99]. **Near** [BFKK20]. **Near-Optimal** [BFKK20]. **Nearest** [EP16a, EP16b]. **Neighbor** [EP16a, EP16b]. **Network** [GK01, HSS19b, QSL<sup>+</sup>21]. **Network-Flow-Based** [GK01]. **Networks** [BBDW19, DLL23, EP16a, EP16b, GMS16, KLC15, LS15, dJvdLT23, ADGW13, BSWW04, EJ99, JMN99, LRAM06, Li08]. **NN** [SF18]. **NN-Graph** [SF18]. **Node** [BCD<sup>+</sup>18, BSWW04]. **Nodes** [PGI18, NTB05]. **Non** [DLL23]. **Non-scheduled** [DLL23]. **nonlinear** [BLLW13]. **number** [HH02]. **Numerical** [RMH<sup>+</sup>16, LRAM06].

**O-Efficient** [ATV01, HMP<sup>+</sup>18, ADT03]. **Oblivious** [BM21, BFV08]. **Obtaining** [CKLM09]. **off** [KCC11]. **off-the-shelf** [KCC11]. **offs** [ACN23]. **OLED** [EKX09]. **on-line** [SWW00]. **one** [DT09, FMRT02]. **Online** [BKP20, AS02, ERW09, KM13b, Li08]. **operations** [Rad98]. **optical** [Li08]. **Optimal** [BFKK20, Hof13, PPM16, BMS09, CKLM09, EJ99, FN04]. **Optimization** [CDF<sup>+</sup>23, HS18, BLLW13, DHLO09]. **optimizing** [LLH<sup>+</sup>22]. **Order** [SF18, LOMSS05]. **order-preserving** [LOMSS05]. **ordering** [SRB08]. **other** [Epp00]. **out-of-core** [KCC11]. **overlay** [HSW08].

**Packing** [BLW16, BBJP08, LMMM05]. **Paging** [MNNW15]. **Pair** [NZ01]. **Paired** [MO15]. **Pairs** [CNV22, Epp00, VSM03]. **Papers** [DT08, MW09, SÁ09]. **Parallel** [BBO17, HT17, BHJ96, HJB98, KCC11]. **parallelism** [HFN05, NR00, VV00]. **Parallelization** [ABC<sup>+</sup>18]. **Parallelizing** [IKM<sup>+</sup>02]. **Pareto** [HS18]. **Parsing** [MRS01]. **Partial** [SFKM20]. **Partition** [CDF<sup>+</sup>23, FKKS23]. **Partitioning** [ADGM06, FS22, GMS16, HNS20, HSS19b, MSS<sup>+</sup>06, SSS15, SHG<sup>+</sup>22, YBA<sup>+</sup>22, CKM00, Kim99]. **Path** [DDF<sup>+</sup>15, GO15, KKT<sup>+</sup>20, BSWW04, CGG<sup>+</sup>09, FPPR06, HTVW08, HSWW05, HSW08, MSM09, Shi00, WWZ05]. **Path-decomposed** [KKT<sup>+</sup>20]. **pathfinding** [NAH04]. **Paths** [FR15, KLC15, ACN23, EJ02, VSM03]. **Pathwidth** [CMN16]. **Pattern** [LPR21, Kim99, KM13b]. **PC** [FPR23]. **PC-Trees** [FPR23]. **Perfect** [Bel23, BBPV11, DHW08]. **Performance** [BKS00, GK01, RVHE18, DM05, LL96, Li08, NAH04, XZK00]. **Persistence** [DSW19, KMN17]. **persistent** [ADT03]. **personalized** [BHJ96]. **Phase** [LMP23]. **place** [SW10]. **placement** [LFLSW08]. **Planar** [CHW19, FEMPS16a, FEMPS16b, PPM16, VH02, ADGM06, FHH<sup>+</sup>00, HH08, HSW<sup>+</sup>09, TMH11]. **Planarity** [CZ15]. **Plane** [AGG<sup>+</sup>23, CDF<sup>+</sup>23, FKKS23].

**planes** [Lev00]. **planned** [BS99]. **Planning** [DPW15, GRST12]. **Plexes** [BHM<sup>+</sup>19]. **Point** [PPM16, ADT03, HH08, SSMJ99, VH02]. **points** [ECHS09]. **Poisson** [NG22]. **Pólya** [RMH<sup>+</sup>16]. **Polygonization** [PPM16]. **Polylogarithmic** [IKRT01]. **polynomial** [CEM13]. **polynomial-delay** [CEM13]. **Portable** [LG02]. **Potential** [KBJ19]. **Power** [HRSZ98, MS02]. **PQ** [FPR23]. **PQ-Trees** [FPR23]. **Practical** [AN10, ACF<sup>+</sup>21, BHJ96, CEF23, DEF<sup>+</sup>21, GKN17, HNSS18, MNG16, CT09]. **Practice** [AGG<sup>+</sup>23, BC19, CZ15, BW02, BBPV11, TW09]. **precomputed** [MSM09]. **Predicting** [Git96]. **prediction** [BNWG08]. **Preface** [AI08, Dem09, McG10, MW09, RS08, RM05, SÁ09, Vah11]. **preference** [Mic11]. **prefix** [BFK<sup>+</sup>03]. **Preparation** [GC20]. **Presence** [DW15]. **preserving** [LOMSS05]. **Price** [BLW16]. **primal** [BLMM05]. **primal-dual** [BLMM05]. **priority** [BCFM00, CS00, GT04, San00, YZ98]. **probabilistic** [LRAM06]. **Probability** [NG22]. **Problem** [ABC<sup>+</sup>18, BSNA21, CHW19, CAGDPS<sup>+</sup>23, GJR22, PW17, BSTU08, BLMM05, BGL03, CEM13, CMP<sup>+</sup>08, DL10, DS13, DK05, FT06, FMRT02, FPPR06, Jul09, LNW08, Pet03, SOS05, dSLAM05]. **Problems** [ATV01, KBJ19, FMRT02, LMS10, NPS<sup>+</sup>11, SRB08]. **Process** [KST20]. **processors** [CT09]. **Product** [Hed15]. **Programming** [AKK19, LMP23, MW23, DS13, Hof13, LFLSW08, TPT<sup>+</sup>11]. **Projections** [LMP23]. **Propagation** [LLH<sup>+</sup>22]. **properties** [HH11]. **Property** [CILP20, Hed15]. **protein** [LFLSW08]. **protocol** [LRAM06]. **prototyping** [BKL00]. **pseudo** [ARMS08]. **pseudo-Boolean** [ARMS08]. **psort** [BBP11]. **PTAS** [TMH11]. **public** [PSWZ08, SWW00]. **pure** [PS06]. **push** [CGM<sup>+</sup>98]. **PVM** [IKM<sup>+</sup>02].

**Quadratic** [KST20]. **Quality** [SHG<sup>+</sup>22]. **Quantum** [JLM<sup>+</sup>21]. **Quasi** [NPR<sup>+</sup>19]. **Quasi-wideness** [NPR<sup>+</sup>19]. **Quasirandom** [DFKS11]. **Queries** [BDSU22, EP16a, EP16b, HSW08, MSM09]. **queues** [BCFM00, CS00, GT04, San00]. **Quick** [HHS22]. **QUICKSORT** [ES02, BFM08, CT09, EW19]. **quite** [AW09].

**Radix** [RR01]. **radixsort** [AN98]. **railroad** [SWW00]. **Random** [BN19, LMP23, Man18, VM18, SZ05, TRC11]. **Randomized** [DW15, PPM16]. **Ranking** [CW09, vdBG<sup>+</sup>22, LG02, VV00]. **Rapid** [BKL00]. **reaction** [KM13a]. **Reactive** [BP97]. **Real** [BSW19, ELS13, KKN<sup>+</sup>21, FNP06, NPS<sup>+</sup>11]. **Real-time** [BSW19]. **Real-World** [ELS13, KKN<sup>+</sup>21, NPS<sup>+</sup>11]. **realistic** [JMN99]. **Reallocation** [FCLMC21]. **Rearrangement** [GD15]. **Recognition** [CFP19, BG97]. **reconfigurable** [dSLAM05]. **reconstruct** [DFKM09]. **reconstruction** [HNR<sup>+</sup>99]. **reconstructions** [PF08]. **recovery** [BA06]. **Rectangle** [HLL06]. **Rectangles** [SFKM20]. **rectangular** [LMMM05]. **Rectilinear** [RRRW19, YBA<sup>+</sup>22]. **Redesigning** [AZ10]. **Redistricting** [LF19]. **reduce** [AN10]. **Reduction** [ECHS09, KKN<sup>+</sup>21, Ull15, BW02, GGHN08].

**Reference** [HHS22]. **Refinement** [HSS19b, KCC11, NAH04].  
**refinement-based** [NAH04]. **Region** [Man18]. **Regions** [EOP20]. **registers**  
 [WACV02]. **ReHub** [EP16a, EP16b]. **Relational** [Ner02]. **relinking**  
 [FPPR06]. **reordering** [ERW09]. **Repetitive** [NP16]. **Representations**  
 [BBO17]. **requirement** [AN10]. **resilient** [FPGI13]. **restrictions** [GRST12].  
**Retrieval** [GKN17, LMP23, NPV15, Ull15]. **Reverse**  
 [BCF<sup>+</sup>21, EP16a, EP16b]. **Reverse-Safe** [BCF<sup>+</sup>21]. **Revisited**  
 [Bel23, FPR09, HLL06, PU11]. **right** [Lev00]. **Rips** [DSW19].  
**Rips-filtration** [DSW19]. **Road** [BBDW19, LS15, ADGW13]. **Robust**  
 [DLY23, BD09]. **Rotating** [GNR16]. **Rounding** [DW15]. **Route**  
 [DPW15, GRST12]. **Routes** [LS15, ADGW13]. **Routing**  
 [BFKK20, DLL23, BD09, JMN99, Li08]. **Rule** [QSL<sup>+</sup>21]. **Rule-based**  
 [QSL<sup>+</sup>21]. **rules** [BLLW13, ECHS09]. **rumor** [DFKS11]. **Runtimes** [LW22].

**S** [Mcg16]. **Safe** [BCF<sup>+</sup>21]. **salesman** [FMRT02]. **Sample** [GC20].  
**Sampling** [JB20, SZ05]. **SAT** [BP97, CZ15, SS23, TS16]. **SAT-booster**  
 [SS23]. **satisfaction** [Ull10]. **Satisfiability**  
 [AON15, PW17, Spe15, IKM<sup>+</sup>02, Spe10]. **Scalable** [HSS19a, vdBG<sup>+</sup>22].  
**Scale** [EP16a, EP16b]. **Scan** [DPSW18]. **schedule** [BS99]. **scheduled**  
 [DLL23]. **Scheduler** [GK01]. **Scheduling** [FCLMC21, Lib01, AS02].  
**Schemes** [SSS15]. **SEA** [D'A19, Fes13, GK16]. **Search**  
 [HNS20, NG22, SS23, AW09, BP97, CW09, DM05, FCNP09, Git96, IKM<sup>+</sup>02,  
 NTB05, PU11, RN11, SOS05]. **Searching**  
 [KM17, BLOLS09, Boy11, WEM11]. **Section** [MW09, SÁ09, Nik06]. **seek**  
 [VH02]. **Selected** [MW09, SÁ09]. **selection** [Hof13]. **selective** [PF08].  
**Semidefinite** [MW23]. **sensitive** [BP97]. **sensor** [LRAM06]. **Separated**  
 [NZ01]. **separator** [HSW<sup>+</sup>09]. **Separators** [FEMPS16a, FEMPS16b].  
**Sequences** [BBG<sup>+</sup>17, CILP20]. **Sequential** [JB20]. **Set**  
 [BSNA21, GJR22, BLOLS09, FT06, SSMJ99]. **set-covering** [FT06]. **Sets**  
 [BLN22, HGH21, HSS19a, LS15, MNG16, PPM16, KMY03, SZ04, VH02].  
**sgen1** [Spe10]. **SHARC** [BD09]. **shelf** [KCC11]. **SHOP** [FKKS23]. **Short**  
 [FEMPS16a, FEMPS16b]. **shortcutting** [DT09]. **Shortest**  
 [CGG<sup>+</sup>09, DDF<sup>+</sup>15, FR15, KLC15, ACN23, BSWW04, HSWW05, HSW08,  
 MSM09, Shi00, VSM03, WWZ05]. **Shortest-Path**  
 [DDF<sup>+</sup>15, CGG<sup>+</sup>09, BSWW04, HSWW05, HSW08, MSM09, WWZ05].  
**shortest-paths** [VSM03]. **sided** [Mic11]. **SimBa** [DSW19]. **Simple**  
 [FEMPS16a, FEMPS16b, FR15, ACN23, HH11, MPR04]. **Simplicial**  
 [DSW19]. **Simulated** [CEF23]. **Single** [GC20, DK05, FN04, FINP98, Mic11].  
**Single-Droplet** [GC20]. **single-sided** [Mic11]. **single-source** [DK05]. **six**  
 [DL10]. **skip** [CS98]. **SLS** [LW22]. **small** [Spe10]. **Smaller** [GL20, GL22].  
**smoothness** [GMS<sup>+</sup>13]. **software** [BBP11, BKL00, KCC11, MHS99].  
**solution** [AW09]. **Solutions** [TS16, CEM13]. **solve** [CMP<sup>+</sup>08]. **Solver**  
 [RVHE18]. **Solvers** [TS16]. **Solving** [FMRT02, KBJ19, NPS<sup>+</sup>11]. **Sort**  
 [RR01, PK06]. **Sorting**

[NLG<sup>+</sup>22, BHJ96, BBP11, BNWG08, BFV08, HJB98, Hof13, LOMSS05, MP08, RR00, SZ04, SZ05, SZR06, SW10, WACV02, XZK00]. **source** [DK05]. **Space** [BBO17, NPV15, ACN23, AN10, PSS09]. **Space-Efficient** [BBO17, PSS09]. **spaces** [FCNP09]. **Spanners** [AGG<sup>+</sup>23, FG09]. **Spanning** [FMM20, NZ01, Jul09, WSdC00]. **Sparse** [ELS13, KST20]. **spatial** [FCNP09, HSS08, NR08]. **Special** [BM15, D'A19, GK16, Nik06, PC18, SZ16a, SZ16b, Zar19, Fes13, SÁ09]. **Spectral** [MW23]. **speech** [BG97]. **speed** [BDS<sup>+</sup>10, Git96, HSWW05]. **speed-up** [BDS<sup>+</sup>10, HSWW05]. **Speeding** [FCNP09, TPT<sup>+</sup>11]. **speedup** [MSS<sup>+</sup>06]. **sphere** [WEM11]. **spreading** [DFKS11]. **squares** [BBJP08]. **SSLC** [NG22]. **Stable** [BIS11, BBP11, IM09]. **starting** [AW09]. **State** [BBG<sup>+</sup>17]. **States** [HRSZ98]. **Static** [vdBG<sup>+</sup>22]. **Statistical** [AON15]. **Steiner** [TMH11, AAS<sup>+</sup>19, BC19]. **STL** [FPR09]. **Stochastic** [HH11]. **storage** [GO13]. **Strategies** [GNR16, ERW09, SOS05]. **stratified** [PF08]. **Streaming** [FS22]. **streams** [HSS08]. **String** [CFP19, AZ10, FN04, Git96, HFN05, Kim99, LOMSS05, NR00, STK06, SZ05, SZR06, SW10]. **string-pattern** [Kim99]. **Strings** [HT17, LPR21, BFK<sup>+</sup>03, SZ04]. **strip** [LMMM05]. **Strong** [BC19]. **Structural** [dJvdLT23]. **Structure** [LLH<sup>+</sup>22, Rea12]. **Structures** [BDSU22, CS00, FPGI13, IGA05, LFLSW08, MS02, NG10]. **Study** [BLN22, BKP20, CZ15, FR15, FMZ01, IKRT01, Man18, PPM16, AS02, ACI97, BNWG08, BIS11, BKS00, BCFM00, CGM<sup>+</sup>98, CMP<sup>+</sup>08, ERS99, FG09, FPGI13, HH08, JMN99, Jac10, KZ08, LG02, LRAM06, Mag98, MPR04, MHS00, NAH04, PCJ97, SWW00, SSMJ99]. **Subgraph** [CHW19, Ull10]. **Subgraphs** [CDF<sup>+</sup>23, FKKS23]. **Subgroup** [Hed15]. **Subjects** [SBG01]. **Sublinear** [BM19, VM18]. **subsequence** [BGL03]. **substring** [BSTU08]. **subtree** [Rad98]. **Succinct** [BBO17]. **Suffix** [BBO17, BFO16a, BFO16b, CILP20, GNF15, NP16, NLG<sup>+</sup>22, DKMS08, GO13, MP08, NR00, VMGD09]. **Suitor** [ABM22]. **Sum** [BBJP08]. **Sum-of-squares** [BBJP08]. **Summarizing** [HSS08]. **Supercomputer** [BGQ19]. **Support** [SSS21]. **supports** [IJS<sup>+</sup>06]. **surfaces** [HTVW08, LNW08]. **switches** [TRC11]. **Symmetric** [YBA<sup>+</sup>22]. **Symmetry** [ARMS08]. **synchronization** [BA06]. **Systems** [Lib01, PSWZ08, dSLAM05].

**table** [AZ10, PF08]. **Tabu** [SS23, SOS05]. **tailed** [LW22]. **takes** [DFKM09]. **teacher** [SOS05]. **technique** [BLMM05]. **techniques** [BDS<sup>+</sup>10, FT06, HSWW05, KM13a, NAH04]. **Temporal** [BHM<sup>+</sup>19]. **Terracost** [HTVW08]. **terrain** [LNW08]. **Terrains** [ATV01, HTVW08]. **test** [FT06]. **test-cover** [FT06]. **Testing** [CZ15]. **Text** [BCF<sup>+</sup>21, AN10, BLOLS09]. **Theorem** [RMH<sup>+</sup>16]. **Theory** [BBPV11, FMM20, KKN<sup>+</sup>21]. **threaded** [VV00]. **three** [SSMJ99]. **three-dimensional** [SSMJ99]. **threshold** [BSTU08]. **throughput** [Li08]. **Tight** [HGH21]. **Time** [BM19, KLC15, VM18, ACN23, BGSV13, BSW19]. **Time-Dependent** [KLC15, BGSV13]. **times** [BGSV13]. **timetable**

[PSWZ08]. **timetabling** [SOS05]. **Todinca** [KBJ19]. **Tool** [DSW19, FGLP21, GD15]. **Top** [GKN17]. **Top-** [GKN17]. **topological** [PK06]. **Topologies** [BBO17]. **Total** [ABC<sup>+</sup>18]. **tournaments** [CW09]. **Trade** [ACN23]. **Trade-offs** [ACN23]. **Traffic** [BSW19, BMS09]. **Trajectories** [CEF23]. **Transitive** [FMZ01, KZ08, PP06]. **Translation** [JM15]. **transport** [SWW00]. **Transportation** [DLL23, BSWW04, JMN99, PSWZ08]. **travel** [BGSV13]. **traveling** [FMRT02]. **Treatment** [SBG01]. **Tree** [BBO17, BC19, DDF<sup>+</sup>15, DEF<sup>+</sup>21, FMM20, GMS16, TMH11, DT09, EJ99, HNR<sup>+</sup>99, Jul09, VMGD09]. **Tree-Based** [GMS16]. **Trees** [AAS<sup>+</sup>19, BM21, NZ01, NP16, ADT03, CKLM09, CS98, EJ02, GO13, HW11, NR08, PF08, Rad98, TW09, WSdC00, FPR23]. **Treewidth** [ZP19]. **trie** [AZ10]. **Tries** [ACF<sup>+</sup>21, GO15, KKT<sup>+</sup>20, SZ04, SZ05]. **Triple** [Hed15]. **Triple-Product-Property** [Hed15]. **Triples** [Hed15]. **Triplet** [BM21]. **true** [SMEDM08]. **TSP** [DT09, Lev00, RVHE18]. **Tuning** [AKK19]. **Two** [CMTW19, KM13b, SMEDM08]. **two-dimensional** [KM13b]. **Twol** [GT04]. **Twol-amalgamated** [GT04].

**UK** [MO15]. **Uncertainty** [FMM20]. **Understanding** [LW22]. **Undirected** [BLW16]. **Unexplored** [EOP20]. **unidirectional** [BD09]. **Uniform** [CAGDPS<sup>+</sup>23, NPR<sup>+</sup>19, BLMM05]. **unit** [CGM<sup>+</sup>98]. **unit-capacity** [CGM<sup>+</sup>98]. **United** [HRSZ98]. **unsplittable** [DK05]. **unweighted** [EJ02]. **Update** [BM19]. **Update-Time** [BM19]. **Updated** [GHS21]. **Updates** [DDF<sup>+</sup>15, GLLO22]. **Updating** [VM18]. **Upgrading** [Hed15]. **Upward** [CZ15, CGMW10]. **User** [DPW15]. **User-Constrained** [DPW15]. **Using** [BSW19, CMTW19, SF18, SZ05, ADT03, BKL00, CGM09, DM05, HSS08, IKM<sup>+</sup>02, Kim99, KCC11, KM13b, KMY03, LOMSS05, MSM09, SZR06, TRC11, WACV02]. **utilization** [ERS99].

**Value** [TSP18]. **values** [GO13]. **Variance** [TSP18]. **Vector** [SSS21, Ull10]. **vectorization** [IKM<sup>+</sup>02]. **versatile** [MP08]. **versus** [JLM<sup>+</sup>21]. **Vertex** [CAGDPS<sup>+</sup>23, DL10]. **via** [BN19, DSW19, Hof13, KBJ19, NZ01, PF08]. **Virtual** [JM15]. **Visibility** [ABC<sup>+</sup>18]. **Visibility-Index** [ABC<sup>+</sup>18]. **VLSI** [CKM00]. **Volume** [CEF23].

**Wasserstein** [DLY23]. **Waste** [GC20]. **Waste-Efficient** [GC20]. **wavelength** [EJ99, Li08]. **Wavelet** [DEF<sup>+</sup>21]. **WDM** [Li08]. **WEA** [SÁ09]. **Weak** [CFP19]. **Weakening** [Spe15]. **Weight** [CS98, DT09]. **Weight-biased** [CS98]. **Weighted** [ABM22, CILP20, EJ02, FPPR06, LNW08, MS02, MHS99, MHS00, PS06]. **weights** [ADGM06]. **Well** [NZ01]. **Well-Separated** [NZ01]. **wideness** [NPR<sup>+</sup>19]. **width** [NTB05, SSMJ99]. **Windows** [FCLMC21]. **workload** [BMS09]. **World** [ELS13, KKN<sup>+</sup>21, NPS<sup>+</sup>11].

**XMT** [VV00]. **Xor** [GL20, GL22].

**Ziv** [AN10, ACF<sup>+</sup>21, KKP16a, KKP16b]. **Ziv-based** [AN10].

## References

**Ahmed:2019:MLS**

[AAS<sup>+</sup>19] Reyan Ahmed, Patrizio Angelini, Faryad Darabi Sahneh, Alon Efrat, David Glickenstein, Martin Gronemann, Niklas Heinsohn, Stephen G. Kobourov, Richard Spence, Joseph Watkins, and Alexander Wolff. Multi-level Steiner trees. *ACM Journal of Experimental Algorithmics*, 24(2):2.5:1–2.5:??, December 2019. CODEN ???? ISSN 1084-6654.

**Auer:2015:EMC**

[AB15] B. O. Fagginger Auer and R. H. Bisseling. Efficient matching for column intersection graphs. *ACM Journal of Experimental Algorithmics*, 19(??):1.3:1–1.3:??, February 2015. CODEN ???? ISSN 1084-6654.

**Afshani:2018:EAT**

[ABC<sup>+</sup>18] Peyman Afshani, Mark De Berg, Henri Casanova, Ben Karsin, Colin Lambrechts, Nodari Sitchinava, and Constantinos Tsirogiannis. An efficient algorithm for the 1D total visibility-index problem and its parallelization. *ACM Journal of Experimental Algorithmics*, 23(??):2.3:1–2.3:??, 2018. CODEN ???? ISSN 1084-6654.

**Angriman:2022:BDS**

[ABM22] Eugenio Angriman, Michał Boroń, and Henning Meyerhenke. A batch-dynamic suitor algorithm for approximating maximum weighted matching. *ACM Journal of Experimental Algorithmics*, 27(1):1.6:1–1.6:??, 2022. CODEN ???? ISSN 1084-6654. URL <https://dl.acm.org/doi/10.1145/3529228>.

**Arroyuelo:2021:EPL**

[ACF<sup>+</sup>21] Diego Arroyuelo, Rodrigo Cánovas, Johannes Fischer, Dominik Köppl, Marvin Löbel, Gonzalo Navarro, and Rajeev Raman. Engineering practical Lempel–Ziv tries. *ACM Journal of Experimental Algorithmics*, 26(1):14:1–14:47, December 2021. CODEN ???? ISSN 1084-6654. URL <https://dl.acm.org/doi/10.1145/3481638>.

**Alberts:1997:ESD**

- [ACI97] David Alberts, Giuseppe Cattaneo, and Giuseppe F. Italiano. An empirical study of dynamic graph algorithms. *ACM Journal of Experimental Algorithmics*, 2:5:1–5:??, ??? 1997. CODEN ??? ISSN 1084-6654.

**Zoobi:2023:FKS**

- [ACN23] Ali Al Zoobi, David Coudert, and Nicolas Nisse. Finding the  $k$  shortest simple paths: Time and space trade-offs. *ACM Journal of Experimental Algorithmics*, 28:1.11:1–1.11:??, 2023. CODEN ??? ISSN 1084-6654. URL <https://dl.acm.org/doi/10.1145/3626567>.

**Aleksandrov:2006:PPG**

- [ADGM06] Lyudmil Aleksandrov, Hristo Djidjev, Hua Guo, and Anil Maheshwari. Partitioning planar graphs with costs and weights. *ACM Journal of Experimental Algorithmics*, 11:1.5:1–1.5:??, ??? 2006. CODEN ??? ISSN 1084-6654.

**Abraham:2013:ARR**

- [ADGW13] Ittai Abraham, Daniel Delling, Andrew V. Goldberg, and Renato F. Werneck. Alternative routes in road networks. *ACM Journal of Experimental Algorithmics*, 18(1):1.3:1–1.3:??, December 2013. CODEN ??? ISSN 1084-6654.

**Arge:2003:EPL**

- [ADT03] Lars Arge, Andrew Danner, and Sha-Mayn Teh. I/O-efficient point location using persistent B-trees. *ACM Journal of Experimental Algorithmics*, 8:1.2:1–1.2:??, ??? 2003. CODEN ??? ISSN 1084-6654.

**Anderson:2023:BDP**

- [AGG+23] Frederick Anderson, Anirban Ghosh, Matthew Graham, Lucas Mougeot, and David Wisnosky. Bounded-degree plane geometric spanners in practice. *ACM Journal of Experimental Algorithmics*, 28:1.1:1–1.1:??, 2023. CODEN ??? ISSN 1084-6654. URL <https://dl.acm.org/doi/10.1145/3582497>.

**Arge:2008:P**

- [AI08] Lars Arge and Giuseppe F. Italiano. Preface. *ACM Journal of Experimental Algorithmics*, 12:2.1:1–2.1:??, June 2008. CODEN ??? ISSN 1084-6654.

**Altmanova:2019:ETF**

- [AKK19] Katerina Altmanová, Dusan Knop, and Martin Koucký. Evaluating and tuning  $n$ -fold integer programming. *ACM Journal of Experimental Algorithmics*, 24(2):2.2:1–2.2:??, 2019. CODEN ???? ISSN 1084-6654. URL [https://dl.acm.org/ft\\_gateway.cfm?id=3330137](https://dl.acm.org/ft_gateway.cfm?id=3330137).

**Andersen:2020:GFE**

- [AM20] Jakob L. Andersen and Daniel Merkle. A generic framework for engineering graph canonization algorithms. *ACM Journal of Experimental Algorithmics*, 25(1):1–26, April 2020. CODEN ???? ISSN 1084-6654. URL <https://dl.acm.org/doi/abs/10.1145/3356020>.

**Andersson:1998:IR**

- [AN98] Arne Andersson and Stefan Nilsson. Implementing radixsort. *ACM Journal of Experimental Algorithmics*, 3:7:1–7:??, ???? 1998. CODEN ???? ISSN 1084-6654.

**Arroyuelo:2010:PAR**

- [AN10] Diego Arroyuelo and Gonzalo Navarro. Practical approaches to reduce the space requirement of Lempel–Ziv-based compressed text indices. *ACM Journal of Experimental Algorithmics*, 15(1):15:1–15:??, March 2010. CODEN ???? ISSN 1084-6654.

**Anonymous:2008:EGC**

- [Ano08] Anonymous. Engineering graph clustering: Models and experimental evaluation. *ACM Journal of Experimental Algorithmics*, 12:1.1:1–1.1:??, June 2008. CODEN ???? ISSN 1084-6654.

**Angione:2015:SMB**

- [AON15] Claudio Angione, Annalisa Occhipinti, and Giuseppe Nicosia. Satisfiability by Maxwell–Boltzmann and Bose–Einstein statistical distributions. *ACM Journal of Experimental Algorithmics*, 19(??):1.4:1–1.4:??, February 2015. CODEN ???? ISSN 1084-6654.

**Aloul:2008:SBP**

- [ARMS08] Fadi A. Aloul, Arathi Ramani, Igor L. Markov, and Karem A. Sakallah. Symmetry breaking for pseudo-Boolean formulas. *ACM Journal of Experimental Algorithmics*, 12:1.3:1–1.3:??, June 2008. CODEN ???? ISSN 1084-6654.



- [AS02] Susanne Albers and Bianca Schröder. An experimental study of online scheduling algorithms. *ACM Journal of Experimental Algorithmics*, 7:3, 2002. CODEN 2002 ISSN 1084-6654. **Albers:2002:ESO**
- [ATV01] Lars Arge, Laura Toma, and Jeffrey Scott Vitter. I/O-efficient algorithms for problems on grid-based terrains. *ACM Journal of Experimental Algorithmics*, 6:1:1–1:??, 2001. CODEN 2001 ISSN 1084-6654. **Arge:2001:EAP**
- [AW09] Alaubek Avdil and Karsten Weihe. Local search starting from an LP solution: Fast and quite good. *ACM Journal of Experimental Algorithmics*, 14(1):6:1–6:??, December 2009. CODEN 2009 ISSN 1084-6654. **Avdil:2009:LSS**
- [AZ10] Nikolas Askitis and Justin Zobel. Redesigning the string hash table, burst trie, and BST to exploit cache. *ACM Journal of Experimental Algorithmics*, 15(1):17:1–17:??, March 2010. CODEN 2010 ISSN 1084-6654. **Askitis:2010:RSH**
- [BA06] Azzedine Boukerche and Alba Cristina Magalhaes Alves De Melo. Integrating coordinated checkpointing and recovery mechanisms into DSM synchronization barriers. *ACM Journal of Experimental Algorithmics*, 11:2.9:1–2.9:??, 2006. CODEN 2006 ISSN 1084-6654. **Boukerche:2006:ICC**
- [BBDW19] Moritz Baum, Valentin Buchhold, Julian Dibbelt, and Dorothea Wagner. Fast exact computation of isocontours in road networks. *ACM Journal of Experimental Algorithmics*, 24(1):1.18:1–1.18:??, October 2019. CODEN 2019 ISSN 1084-6654. **Baum:2019:FEC**
- [BBG<sup>+</sup>17] Kevin Buchin, Maike Buchin, Joachim Gudmundsson, Michael Horton, and Stef Sijben. Compact flow diagrams for state sequences. *ACM Journal of Experimental Algorithmics*, 22(??):1.7:1–1.7:??, 2017. CODEN 2017 ISSN 1084-6654. **Buchin:2017:CFD**

**Bender:2008:SSH**

- [BBJP08] Michael A. Bender, Bryan Bradley, Geetha Jagannathan, and Krishnan Pillaipakkamnatt. Sum-of-squares heuristics for bin packing and memory allocation. *ACM Journal of Experimental Algorithmics*, 12:2.3:1–2.3:??, June 2008. CODEN ???? ISSN 1084-6654.

**Baier:2017:SEP**

- [BBO17] Uwe Baier, Timo Beller, and Enno Ohlebusch. Space-efficient parallel construction of succinct representations of suffix tree topologies. *ACM Journal of Experimental Algorithmics*, 22(??):1.1:1–1.1:??, 2017. CODEN ???? ISSN 1084-6654.

**Bertasi:2011:PYA**

- [BBP11] Paolo Bertasi, Marco Bressan, and Enoch Peserico. `psort`, yet another fast stable sorting software. *ACM Journal of Experimental Algorithmics*, 16(1):24:1–24:??, 2011. CODEN ???? ISSN 1084-6654.

**Belazzougui:2011:TPM**

- [BBPV11] Djamal Belazzougui, Paolo Boldi, Rasmus Pagh, and Sebastiano Vigna. Theory and practice of monotone minimal perfect hashing. *ACM Journal of Experimental Algorithmics*, 16(1):32:1–32:??, 2011. CODEN ???? ISSN 1084-6654.

**Beyer:2019:SST**

- [BC19] Stephan Beyer and Markus Chimani. Strong Steiner tree approximations in practice. *ACM Journal of Experimental Algorithmics*, 24(1):1.7:1–1.7:??, October 2019. CODEN ???? ISSN 1084-6654. URL [https://dl.acm.org/ft\\_gateway.cfm?id=3299903](https://dl.acm.org/ft_gateway.cfm?id=3299903).

**Bergamini:2018:IBC**

- [BCD<sup>+</sup>18] Elisabetta Bergamini, Pierluigi Crescenzi, Gianlorenzo D’Angelo, Henning Meyerhenke, Lorenzo Severini, and Yllka Velaj. Improving the betweenness centrality of a node by adding links. *ACM Journal of Experimental Algorithmics*, 23(??):1.5:1–1.5:??, 2018. CODEN ???? ISSN 1084-6654.

**Bernardini:2021:RST**

- [BCF<sup>+</sup>21] Giulia Bernardini, Huiping Chen, Gabriele Fici, Grigorios Loukides, and Solon P. Pissis. Reverse-safe text indexing. *ACM Journal of Experimental Algorithmics*, 26(1):1–26, December

2021. CODEN ???? ISSN 1084-6654. URL <https://dl.acm.org/doi/10.1145/3461698>.

**Bregel:2000:ESP**

- [BCFM00] Klaus Bregel, Andreas Crauser, Paolo Ferragina, and Ulrich Meyer. An experimental study of priority queues in external memory. *ACM Journal of Experimental Algorithmics*, 5:17:1–17:??, ???? 2000. CODEN ???? ISSN 1084-6654.

**Bauer:2009:SFR**

- [BD09] Reinhard Bauer and Daniel Delling. SHARC: Fast and robust unidirectional routing. *ACM Journal of Experimental Algorithmics*, 14:4:1–4:??, May 2009. CODEN ???? ISSN 1084-6654.

**Bauer:2010:CHG**

- [BDS<sup>+</sup>10] Reinhard Bauer, Daniel Delling, Peter Sanders, Dennis Schieferdecker, Dominik Schultes, and Dorothea Wagner. Combining hierarchical and goal-directed speed-up techniques for Dijkstra’s algorithm. *ACM Journal of Experimental Algorithmics*, 15(1):2.3:1–2.3:??, March 2010. CODEN ???? ISSN 1084-6654.

**Bertrand:2022:ADS**

- [BDSU22] Jules Bertrand, Fanny Dufossé, Somesh Singh, and Bora Uçar. Algorithms and data structures for hyperedge queries. *ACM Journal of Experimental Algorithmics*, 27(1):1.13:1–1.13:??, 2022. CODEN ???? ISSN 1084-6654. URL <https://dl.acm.org/doi/10.1145/3568421>.

**Beling:2023:FBM**

- [Bel23] Piotr Beling. Fingerprinting-based minimal perfect hashing revisited. *ACM Journal of Experimental Algorithmics*, 28:1.4:1–1.4:??, 2023. CODEN ???? ISSN 1084-6654. URL <https://dl.acm.org/doi/10.1145/3596453>.

**Buchsbaum:2003:FPM**

- [BFK<sup>+</sup>03] Adam L. Buchsbaum, Glenn S. Fowler, Balachandher Kirishnamurthy, Kiem-Phong Vo, and Jia Wang. Fast prefix matching of bounded strings. *ACM Journal of Experimental Algorithmics*, 8:1.3:1–1.3:??, ???? 2003. CODEN ???? ISSN 1084-6654.

**Blasius:2020:HEN**

- [BFKK20] Thomas Bläsius, Tobias Friedrich, Maximilian Katzmann, and Anton Krohmer. Hyperbolic embeddings for near-optimal

greedy routing. *ACM Journal of Experimental Algorithmics*, 25(1):1–18, April 2020. CODEN ????? ISSN 1084-6654. URL <https://dl.acm.org/doi/abs/10.1145/3381751>.

**Brodal:2008:AQ**

- [BFM08] Gerth Stølting Brodal, Rolf Fagerberg, and Gabriel Moruz. On the adaptiveness of Quicksort. *ACM Journal of Experimental Algorithmics*, 12:3.2:1–3.2:??, June 2008. CODEN ????? ISSN 1084-6654.

**Bingmann:2016:ISL**

- [BFO16a] Timo Bingmann, Johannes Fischer, and Vitaly Osipov. Inducing suffix and LCP arrays in external memory. *ACM Journal of Experimental Algorithmics*, 21(1):2.3:1–2.3:??, November 2016. CODEN ????? ISSN 1084-6654.

**Bingmann:2017:ISL**

- [BFO16b] Timo Bingmann, Johannes Fischer, and Vitaly Osipov. Inducing suffix and LCP arrays in external memory. *ACM Journal of Experimental Algorithmics*, 21(1):2.3:1–2.3:??, 2016. CODEN ????? ISSN 1084-6654.

**Brodal:2008:ECO**

- [BFV08] Gerth Stølting Brodal, Rolf Fagerberg, and Kristoffer Vinther. Engineering a cache-oblivious sorting algorithm. *ACM Journal of Experimental Algorithmics*, 12:2.2:1–2.2:??, June 2008. CODEN ????? ISSN 1084-6654.

**Buchsbaum:1997:AAS**

- [BG97] Adam L. Buchsbaum and Raffaele Giancarlo. Algorithmic aspects in speech recognition: an introduction. *ACM Journal of Experimental Algorithmics*, 2:1:1–1:??, ??? 1997. CODEN ????? ISSN 1084-6654.

**Breimer:2003:LAL**

- [BGL03] Eric A. Breimer, Mark K. Goldberg, and Darren T. Lim. A learning algorithm for the longest common subsequence problem. *ACM Journal of Experimental Algorithmics*, 8:2.1:1–2.1:??, ??? 2003. CODEN ????? ISSN 1084-6654.

**Bjorklund:2019:FHF**

- [BGQ19] Andreas Björklund, Brajesh Gupt, and Nicolás Quesada. A faster Hafnian formula for complex matrices and its benchmarking on a supercomputer. *ACM Journal of Experimental Algorithmics*, 24(1):1.11:1–1.11:??, October 2019. CODEN ?????

ISSN 1084-6654. URL [https://dl.acm.org/ft\\_gateway.cfm?id=3325111](https://dl.acm.org/ft_gateway.cfm?id=3325111).

**Batz:2013:MTD**

- [BGSV13] G. Veit Batz, Robert Geisberger, Peter Sanders, and Christian Vetter. Minimum time-dependent travel times with contraction hierarchies. *ACM Journal of Experimental Algorithmics*, 18(1):1.4:1–1.4:??, December 2013. CODEN ???? ISSN 1084-6654.

**Bader:1996:PPA**

- [BHJ96] David A. Bader, David R. Helman, and Joseph JáJá. Practical parallel algorithms for personalized communication and integer sorting. *ACM Journal of Experimental Algorithmics*, 1:3:1–3:??, ???? 1996. CODEN ???? ISSN 1084-6654.

**Bentert:2019:LAM**

- [BHM<sup>+</sup>19] Matthias Bentert, Anne-Sophie Himmel, Hendrik Molter, Marco Morik, Rolf Niedermeier, and René Saitenmacher. Listing all maximal  $k$ -plexes in temporal graphs. *ACM Journal of Experimental Algorithmics*, 24(1):1.13:1–1.13:??, October 2019. CODEN ???? ISSN 1084-6654. URL [https://dl.acm.org/ft\\_gateway.cfm?id=3325859](https://dl.acm.org/ft_gateway.cfm?id=3325859).

**Biro:2011:SMC**

- [BIS11] Péter Biró, Robert W. Irving, and Ildikó Schlotter. Stable matching with couples: an empirical study. *ACM Journal of Experimental Algorithmics*, 16(1):12:1–12:??, 2011. CODEN ???? ISSN 1084-6654.

**Boghossian:2000:RSP**

- [BKL00] N. P. Boghossian, O. Kohlbacher, and H. P. Lenhof. Rapid software prototyping in molecular modeling using the biochemical algorithms library (BALL). *ACM Journal of Experimental Algorithmics*, 5:16:1–16:??, ???? 2000. CODEN ???? ISSN 1084-6654.

**Borodin:2020:ESA**

- [BKP20] Allan Borodin, Christodoulos Karavasilis, and Denis Pankratov. An experimental study of algorithms for online bipartite matching. *ACM Journal of Experimental Algorithmics*, 25(1):1–37, April 2020. CODEN ???? ISSN 1084-6654. URL <https://dl.acm.org/doi/abs/10.1145/3379552>.

**Bojesen:2000:PEC**

- [BKS00] Jesper Bojesen, Jyrki Katajainen, and Maz Spork. Performance engineering case study: heap construction. *ACM Journal of Experimental Algorithmics*, 5:15:1–15:??, ??? 2000. CODEN ??? ISSN 1084-6654.

**Bonami:2013:BRC**

- [BLLW13] Pierre Bonami, Jon Lee, Sven Leyffer, and Andreas Wächter. On branching rules for convex mixed-integer nonlinear optimization. *ACM Journal of Experimental Algorithmics*, 18(1):2.6:1–2.6:??, December 2013. CODEN ??? ISSN 1084-6654.

**Bracht:2005:GAA**

- [BLMM05] Evandro C. Bracht, Luis, A. A. Meira, and F. K. Miyazawa. A greedy approximation algorithm for the uniform metric labeling problem analyzed by a primal-dual technique. *ACM Journal of Experimental Algorithmics*, 10:2.11:1–2.11:??, ??? 2005. CODEN ??? ISSN 1084-6654.

**Bhore:2022:ASF**

- [BLN22] Sujoy Bhore, Guangping Li, and Martin Nöllenburg. An algorithmic study of fully dynamic independent sets for map labeling. *ACM Journal of Experimental Algorithmics*, 27(1):1.8:1–1.8:??, 2022. CODEN ??? ISSN 1084-6654. URL <https://dl.acm.org/doi/10.1145/3514240>.

**Barbay:2009:EIS**

- [BLOLS09] Jérémy Barbay, Alejandro López-Ortiz, Tyler Lu, and Alejandro Salinger. An experimental investigation of set intersection algorithms for text searching. *ACM Journal of Experimental Algorithmics*, 14(1):7:1–7:??, December 2009. CODEN ??? ISSN 1084-6654.

**Bergner:2016:BPC**

- [BLW16] Martin Bergner, Marco E. Lübbecke, and Jonas T. Witt. A branch-price-and-cut algorithm for packing cuts in undirected graphs. *ACM Journal of Experimental Algorithmics*, 21(1):1.2:1–1.2:??, November 2016. CODEN ??? ISSN 1084-6654.

**Bader:2015:ISI**

- [BM15] David A. Bader and Petra Mutzel. Introduction to special issue ALENEX'12. *ACM Journal of Experimental Algorithmics*, 19

(?):3.1:1–3.1:??, February 2015. CODEN ???? ISSN 1084-6654.

**Barenboim:2019:FDG**

- [BM19] Leonid Barenboim and Tzalik Maimon. Fully dynamic graph algorithms inspired by distributed computing: Deterministic maximal matching and edge coloring in sublinear update-time. *ACM Journal of Experimental Algorithmics*, 24(1):1.14:1–1.14:??, October 2019. CODEN ???? ISSN 1084-6654. URL [https://dl.acm.org/ft\\_gateway.cfm?id=3338529](https://dl.acm.org/ft_gateway.cfm?id=3338529).

**Brodal:2021:COA**

- [BM21] Gerth Stølting Brodal and Konstantinos Mampentzidis. Cache oblivious algorithms for computing the triplet distance between trees. *ACM Journal of Experimental Algorithmics*, 26(1):1–44, December 2021. CODEN ???? ISSN 1084-6654. URL <https://dl.acm.org/doi/10.1145/3433651>.

**Basu:2009:GAO**

- [BMS09] Amitabh Basu, Joseph S. B. Mitchell, and Girish Kumar Sabhnani. Geometric algorithms for optimal airspace design and air traffic controller workload balancing. *ACM Journal of Experimental Algorithmics*, 14:3:1–3:??, May 2009. CODEN ???? ISSN 1084-6654.

**Borassi:2019:KAA**

- [BN19] Michele Borassi and Emanuele Natale. KADABRA is an Adaptive Algorithm for Betweenness via Random Approximation. *ACM Journal of Experimental Algorithmics*, 24(1):1.2:1–1.2:??, October 2019. CODEN ???? ISSN 1084-6654. URL [https://dl.acm.org/ft\\_gateway.cfm?id=3284359](https://dl.acm.org/ft_gateway.cfm?id=3284359).

**Biggar:2008:ESS**

- [BNWG08] Paul Biggar, Nicholas Nash, Kevin Williams, and David Gregg. An experimental study of sorting and branch prediction. *ACM Journal of Experimental Algorithmics*, 12:1.8:1–1.8:??, June 2008. CODEN ???? ISSN 1084-6654.

**Boytsov:2011:IMA**

- [Boy11] Leonid Boytsov. Indexing methods for approximate dictionary searching: Comparative analysis. *ACM Journal of Experimental Algorithmics*, 16(1):1.1:1–1.1:??, May 2011. CODEN ???? ISSN 1084-6654.

**Battiti:1997:RSH**

- [BP97] Roberto Battiti and Marco Protasi. Reactive search, a history-sensitive heuristic for MAX-SAT. *ACM Journal of Experimental Algorithmics*, 2:2:1–2:??, ??? 1997. CODEN ??? ISSN 1084-6654.

**Burke:1999:MAS**

- [BS99] E. K. Burke and A. J. Smith. A memetic algorithm to schedule planned maintenance for the national grid. *ACM Journal of Experimental Algorithmics*, 4:1:1–1:??, ??? 1999. CODEN ??? ISSN 1084-6654.

**Baharev:2021:EMM**

- [BSNA21] Ali Baharev, Hermann Schichl, Arnold Neumaier, and Tobias Achterberg. An exact method for the minimum feedback arc set problem. *ACM Journal of Experimental Algorithmics*, 26(1):1–28, December 2021. CODEN ??? ISSN 1084-6654. URL <https://dl.acm.org/doi/10.1145/3446429>. See comments [GJR22].

**Barsky:2008:GAT**

- [BSTU08] Marina Barsky, Ulrike Stege, Alex Thomo, and Chris Upton. A graph approach to the threshold all-against-all substring matching problem. *ACM Journal of Experimental Algorithmics*, 12:1.10:1–1.10:??, June 2008. CODEN ??? ISSN 1084-6654.

**Buchhold:2019:RTT**

- [BSW19] Valentin Buchhold, Peter Sanders, and Dorothea Wagner. Real-time traffic assignment using engineered customizable contraction hierarchies. *ACM Journal of Experimental Algorithmics*, 24(2):2.4:1–2.4:??, December 2019. CODEN ??? ISSN 1084-6654.

**Brandes:2004:GNC**

- [BSWW04] Ulrik Brandes, Frank Schulz, Dorothea Wagner, and Thomas Willhalm. Generating node coordinates for shortest-path computations in transportation networks. *ACM Journal of Experimental Algorithmics*, 9:1.1:1–1.1:??, ??? 2004. CODEN ??? ISSN 1084-6654.

**Backes:2002:HLB**

- [BW02] Werner Backes and Susanne Wetzels. Heuristics on lattice basis reduction in practice. *ACM Journal of Experimental Algorithmics*, 7:1, ??? 2002. CODEN ??? ISSN 1084-6654.



**Cornejo-Acosta:2023:CHU**

- [CAGDPS<sup>+</sup>23] José Alejandro Cornejo-Acosta, Jesús García-Díaz, Julio César Pérez-Sansalvador, Roger Z. Ríos-Mercado, and Saúl Eduardo Pomares-Hernández. A constructive heuristic for the uniform capacitated vertex  $k$ -center problem. *ACM Journal of Experimental Algorithmics*, 28:1.6:1–1.6:??, 2023. CODEN ???? ISSN 1084-6654. URL <https://dl.acm.org/doi/10.1145/3604911>.

**Cohen:2015:CGH**

- [CCL15] Nathann Cohen, David Coudert, and Aurélien Lancin. On computing the Gromov hyperbolicity. *ACM Journal of Experimental Algorithmics*, 20(?):1.6:1–1.6:??, 2015. CODEN ???? ISSN 1084-6654.

**Crombez:2023:COB**

- [CDF<sup>+</sup>23] Loïc Crombez, Guilherme D. Da Fonseca, Florian Fontan, Yan Gerard, Aldo Gonzalez-Lorenzo, Pascal Lafourcade, Luc Libralesso, Benjamin Momège, Jack Spalding-Jamieson, Brandon Zhang, and Da Wei Zheng. Conflict optimization for binary CSP applied to minimum partition into plane subgraphs and graph coloring. *ACM Journal of Experimental Algorithmics*, 28:1.2:1–1.2:??, 2023. CODEN ???? ISSN 1084-6654. URL <https://dl.acm.org/doi/10.1145/3588869>.

**Chalkis:2023:PAV**

- [CEF23] Apostolos Chalkis, Ioannis Z. Emiris, and Vissarion Fisikopoulos. A practical algorithm for volume estimation based on billiard trajectories and simulated annealing. *ACM Journal of Experimental Algorithmics*, 28:1.3:1–1.3:??, 2023. CODEN ???? ISSN 1084-6654. URL <https://dl.acm.org/doi/10.1145/3584182>.

**Canzar:2013:PDA**

- [CEM13] Stefan Canzar, Khaled Elbassioni, and Julián Mestre. A polynomial-delay algorithm for enumerating approximate solutions to the interval constrained coloring problem. *ACM Journal of Experimental Algorithmics*, 18(1):2.2:1–2.2:??, December 2013. CODEN ???? ISSN 1084-6654.

**Cantone:2019:LES**

- [CFP19] Domenico Cantone, Simone Faro, and Arianna Pavone. Linear and efficient string matching algorithms based on weak factor recognition. *ACM Journal of Experimental Algorithmics*, 24(1):

1.8:1–1.8:??, October 2019. CODEN ???? ISSN 1084-6654.  
URL [https://dl.acm.org/ft\\_gateway.cfm?id=3301295](https://dl.acm.org/ft_gateway.cfm?id=3301295).

**Cherkassky:2009:SPF**

- [CGG<sup>+</sup>09] Boris V. Cherkassky, Loukas Georgiadis, Andrew V. Goldberg, Robert E. Tarjan, and Renato F. Werneck. Shortest-path feasibility algorithms: An experimental evaluation. *ACM Journal of Experimental Algorithmics*, 14:7:1–7:??, May 2009. CODEN ???? ISSN 1084-6654.

**Cherkassky:1998:APC**

- [CGM<sup>+</sup>98] Boris V. Cherkassky, Andrew V. Goldberg, Paul Martin, Joao C. Setubal, and Jorge Stolfi. Augment or push: a computational study of bipartite matching and unit-capacity flow algorithms. *ACM Journal of Experimental Algorithmics*, 3:8:1–8:??, ???? 1998. CODEN ???? ISSN 1084-6654.

**Chimani:2009:EEC**

- [CGM09] Markus Chimani, Carsten Gutwenger, and Petra Mutzel. Experiments on exact crossing minimization using column generation. *ACM Journal of Experimental Algorithmics*, 14(1):4:1–4:??, December 2009. CODEN ???? ISSN 1084-6654.

**Chimani:2010:LFU**

- [CGMW10] Markus Chimani, Carsten Gutwenger, Petra Mutzel, and Hoi-Ming Wong. Layer-free upward crossing minimization. *ACM Journal of Experimental Algorithmics*, 15(1):2.2:1–2.2:??, March 2010. CODEN ???? ISSN 1084-6654.

**Chimani:2019:EAM**

- [CHW19] Markus Chimani, Ivo Hedtke, and Tilo Wiedera. Exact algorithms for the maximum planar subgraph problem: New models and experiments. *ACM Journal of Experimental Algorithmics*, 24(1):2.1:1–2.1:??, October 2019. CODEN ???? ISSN 1084-6654. URL [https://dl.acm.org/ft\\_gateway.cfm?id=3320344](https://dl.acm.org/ft_gateway.cfm?id=3320344).

**Charalampopoulos:2020:PSA**

- [CILP20] Panagiotis Charalampopoulos, Costas S. Iliopoulos, Chang Liu, and Solon P. Pissis. Property suffix array with applications in indexing weighted sequences. *ACM Journal of Experimental Algorithmics*, 25(1):1–16, April 2020. CODEN ???? ISSN 1084-6654. URL <https://dl.acm.org/doi/10.1145/3385898>.

**Chimani:2009:OOC**

- [CKLM09] Markus Chimani, Maria Kandyba, Ivana Ljubić, and Petra Mutzel. Obtaining optimal  $k$ -cardinality trees fast. *ACM Journal of Experimental Algorithmics*, 14(1):2.5:1–2.5:23, December 2009. CODEN ???? ISSN 1084-6654.

**Caldwell:2000:DIM**

- [CKM00] Andrew E. Caldwell, Andrew B. Kahng, and Igor L. Markov. Design and implementation of move-based heuristics for VLSI hypergraph partitioning. *ACM Journal of Experimental Algorithmics*, 5:5:1–5:??, ???? 2000. CODEN ???? ISSN 1084-6654.

**Coudert:2016:EEB**

- [CMN16] David Coudert, Dorian Mazauric, and Nicolas Nisse. Experimental evaluation of a branch-and-bound algorithm for computing pathwidth and directed pathwidth. *ACM Journal of Experimental Algorithmics*, 21(1):1.3:1–1.3:??, November 2016. CODEN ???? ISSN 1084-6654.

**Codenotti:2008:ESD**

- [CMP<sup>+</sup>08] Bruno Codenotti, Benton Mccune, Sriram Pemmaraju, Rajiv Raman, and Kasturi Varadarajan. An experimental study of different approaches to solve the market equilibrium problem. *ACM Journal of Experimental Algorithmics*, 12:3.3:1–3.3:??, June 2008. CODEN ???? ISSN 1084-6654.

**Cazals:2019:CTC**

- [CMTW19] F. Cazals, D. Mazauric, R. Tetley, and R. Watrigant. Comparing two clusterings using matchings between clusters of clusters. *ACM Journal of Experimental Algorithmics*, 24(1):1.17:1–1.17:??, October 2019. CODEN ???? ISSN 1084-6654.

**Coudert:2022:EFA**

- [CNV22] David Coudert, André Nusser, and Laurent Viennot. Enumeration of far-apart pairs by decreasing distance for faster hyperbolicity computation. *ACM Journal of Experimental Algorithmics*, 27(1):1.15:1–1.15:??, 2022. CODEN ???? ISSN 1084-6654. URL <https://dl.acm.org/doi/10.1145/3569169>.

**Cho:1998:WBL**

- [CS98] Seonghun Cho and Sartaj Sahni. Weight-biased leftist trees and modified skip lists. *ACM Journal of Experimental Algorithmics*, 3:2:1–2:??, ???? 1998. CODEN ???? ISSN 1084-6654.

**Chong:2000:CBD**

- [CS00] Kyn-Rak Chong and Sartaj Sahni. Correspondence-based data structures for double-ended priority queues. *ACM Journal of Experimental Algorithmics*, 5:2:1–2:??, 2000. CODEN ???? ISSN 1084-6654.

**Cederman:2009:GQP**

- [CT09] Daniel Cederman and Philippos Tsigas. GPU-Quicksort: a practical Quicksort algorithm for graphics processors. *ACM Journal of Experimental Algorithmics*, 14(1):4:1–4:??, December 2009. CODEN ???? ISSN 1084-6654.

**Coleman:2009:RTL**

- [CW09] Tom Coleman and Anthony Wirth. Ranking tournaments: Local search and a new algorithm. *ACM Journal of Experimental Algorithmics*, 14:6:1–6:??, May 2009. CODEN ???? ISSN 1084-6654.

**Chimani:2015:UPT**

- [CZ15] Markus Chimani and Robert Zeranski. Upward planarity testing in practice: SAT formulations and comparative study. *ACM Journal of Experimental Algorithmics*, 20(??):1.2:1–1.2:??, 2015. CODEN ???? ISSN 1084-6654.

**D'Angelo:2019:ISI**

- [D'A19] Gianlorenzo D'Angelo. Introduction to the special issue SEA 2018. *ACM Journal of Experimental Algorithmics*, 24(2):2.1:1–2.1:??, December 2019. CODEN ???? ISSN 1084-6654.

**D'Andrea:2015:DMS**

- [DDF<sup>+</sup>15] Annalisa D'Andrea, Mattia D'Emidio, Daniele Frigioni, Stefano Leucci, and Guido Proietti. Dynamic maintenance of a shortest-path tree on homogeneous batches of updates: New algorithms and experiments. *ACM Journal of Experimental Algorithmics*, 20(??):1.5:1–1.5:??, 2015. CODEN ???? ISSN 1084-6654.

**D'Angelo:2019:FDH**

- [DDF19] Gianlorenzo D'Angelo, Mattia D'Emidio, and Daniele Frigioni. Fully dynamic 2-hop cover labeling. *ACM Journal of Experimental Algorithmics*, 24(1):1.6:1–1.6:??, October 2019. CODEN ???? ISSN 1084-6654. URL [https://dl.acm.org/ft\\_gateway.cfm?id=3299901](https://dl.acm.org/ft_gateway.cfm?id=3299901).

**Dinklage:2021:PWT**

- [DEF<sup>+</sup>21] Patrick Dinklage, Jonas Ellert, Johannes Fischer, Florian Kurpicz, and Marvin Löbel. Practical wavelet tree construction. *ACM Journal of Experimental Algorithmics*, 26(1):1–67, December 2021. CODEN ???? ISSN 1084-6654. URL <https://dl.acm.org/doi/10.1145/3457197>.

**Demetrescu:2009:P**

- [Dem09] Camil Demetrescu. Preface. *ACM Journal of Experimental Algorithmics*, 14(1):1:1–1:??, December 2009. CODEN ???? ISSN 1084-6654.

**Demetrescu:2001:BCM**

- [DF01] Camil Demetrescu and Irene Finocchi. Breaking cycles for minimizing crossings. *ACM Journal of Experimental Algorithmics*, 6:2:1–2:??, ???? 2001. CODEN ???? ISSN 1084-6654.

**Dumitriu:2009:HMG**

- [DFKM09] Daniel Dumitriu, Stefan Funke, Martin Kutz, and Nikola Milosavljević. How much geometry it takes to reconstruct a 2-manifold in  $R^3$ . *ACM Journal of Experimental Algorithmics*, 14:2:1–2:??, May 2009. CODEN ???? ISSN 1084-6654.

**Doerr:2011:QRS**

- [DFKS11] Benjamin Doerr, Tobias Friedrich, Marvin Künnemann, and Thomas Sauerwald. Quasirandom rumor spreading: an experimental analysis. *ACM Journal of Experimental Algorithmics*, 16(1):33:1–33:??, 2011. CODEN ???? ISSN 1084-6654.

**DeLoera:2009:CMM**

- [DHLO09] Jesús A. De Loera, David C. Haws, Jon Lee, and Allison O’Hair. Computation in multicriteria matroid optimization. *ACM Journal of Experimental Algorithmics*, 14(1):8:1–8:??, December 2009. CODEN ???? ISSN 1084-6654.

**Dietzfelbinger:2008:DIB**

- [DHW08] Martin Dietzfelbinger, Martin Hühne, and Christoph Weidling. A dictionary implementation based on dynamic perfect hashing. *ACM Journal of Experimental Algorithmics*, 12:1.11:1–1.11:??, June 2008. CODEN ???? ISSN 1084-6654.

**deJong:2023:AEC**

- [dJvdLT23] Rachel G. de Jong, Mark P. J. van der Loo, and Frank W. Takes. Algorithms for efficiently computing structural anonymity in complex networks. *ACM Journal of Experimental Algorithmics*, 28:1.7:1–1.7:??, 2023. CODEN ???? ISSN 1084-6654. URL <https://dl.acm.org/doi/10.1145/3604908>.

**Du:2005:IAA**

- [DK05] Jingde Du and Stavros G. Kolliopoulos. Implementing approximation algorithms for the single-source unsplittable flow problem. *ACM Journal of Experimental Algorithmics*, 10:2.3:1–2.3:??, ???? 2005. CODEN ???? ISSN 1084-6654.

**Dementiev:2008:BEM**

- [DKMS08] Roman Dementiev, Juha Kärkkäinen, Jens Mehnert, and Peter Sanders. Better external memory suffix array construction. *ACM Journal of Experimental Algorithmics*, 12:3.4:1–3.4:??, June 2008. CODEN ???? ISSN 1084-6654.

**Delbot:2010:AEC**

- [DL10] François Delbot and Christian Laforest. Analytical and experimental comparison of six algorithms for the vertex cover problem. *ACM Journal of Experimental Algorithmics*, 15(1):14:1–14:??, March 2010. CODEN ???? ISSN 1084-6654.

**Drakulic:2023:RMT**

- [DLL23] Darko Drakulic, Christelle Liodice, and Vassilissa Lehoux. Routing in multimodal transportation networks with non-scheduled lines. *ACM Journal of Experimental Algorithmics*, 28:2.3:1–2.3:??, 2023. CODEN ???? ISSN 1084-6654. URL <https://dl.acm.org/doi/10.1145/3632969>.

**Ding:2023:DDA**

- [DLY23] Hu Ding, Wenjie Liu, and Mingquan Ye. A data-dependent approach for high-dimensional (robust) Wasserstein alignment. *ACM Journal of Experimental Algorithmics*, 28:1.8:1–1.8:??, 2023. CODEN ???? ISSN 1084-6654. URL <https://dl.acm.org/doi/10.1145/3604910>.

**Duch:2005:IPM**

- [DM05] Amalia Duch and Conrado Martínez. Improving the performance of multidimensional search using fingers. *ACM Journal*

of *Experimental Algorithmics*, 10:2.4:1–2.4:??, 2005. CODEN 2005 ISSN 1084-6654.

**Dibbelt:2018:CSA**

- [DPSW18] Julian Dibbelt, Thomas Pajor, Ben Strasser, and Dorothea Wagner. Connection scan algorithm. *ACM Journal of Experimental Algorithmics*, 23(??):1.7:1–1.7:??, 2018. CODEN 2018 ISSN 1084-6654.

**Dibbelt:2015:UCM**

- [DPW15] Julian Dibbelt, Thomas Pajor, and Dorothea Wagner. User-constrained multimodal route planning. *ACM Journal of Experimental Algorithmics*, 19(??):3.2:1–3.2:??, February 2015. CODEN 2015 ISSN 1084-6654.

**Delort:2013:HDP**

- [DS13] Charles Delort and Olivier Spanjaard. A hybrid dynamic programming approach to the biobjective binary knapsack problem. *ACM Journal of Experimental Algorithmics*, 18(1):1.2:1–1.2:??, December 2013. CODEN 2013 ISSN 1084-6654.

**deSouza:2005:DMP**

- [dSLAM05] Cid C. de Souza, Andre M. Lima, Guido Araujo, and Nahri B. Moreano. The datapath merging problem in reconfigurable systems: Complexity, dual bounds and heuristic evaluation. *ACM Journal of Experimental Algorithmics*, 10:2.2:1–2.2:??, 2005. CODEN 2005 ISSN 1084-6654.

**Dibbelt:2016:CCH**

- [DSW16] Julian Dibbelt, Ben Strasser, and Dorothea Wagner. Customizable contraction hierarchies. *ACM Journal of Experimental Algorithmics*, 21(1):1.5:1–1.5:??, November 2016. CODEN 2016 ISSN 1084-6654.

**Dey:2019:SET**

- [DSW19] Tamal K. Dey, Dayu Shi, and Yusu Wang. SimBa: an efficient tool for approximating rips-filtration persistence via simplicial batch collapse. *ACM Journal of Experimental Algorithmics*, 24(1):1.5:1–1.5:??, October 2019. CODEN 2019 ISSN 1084-6654. URL [https://dl.acm.org/ft\\_gateway.cfm?id=3284360](https://dl.acm.org/ft_gateway.cfm?id=3284360).

**Demetrescu:2008:PA**

- [DT08] Camil Demetrescu and Roberto Tamassia. Papers from ALENEX 2005. *ACM Journal of Experimental Algorithmics*, 12:3.1:1–3.1:??, June 2008. CODEN ???? ISSN 1084-6654.

**Deineko:2009:FMW**

- [DT09] Vladimir Deineko and Alexander Tiskin. Fast minimum-weight double-tree shortcutting for metric TSP: Is the best one good enough? *ACM Journal of Experimental Algorithmics*, 14(1):6:1–6:??, December 2009. CODEN ???? ISSN 1084-6654.

**Doerr:2015:RRP**

- [DW15] Benjamin Doerr and Magnus Wahlström. Randomized rounding in the presence of a cardinality constraint. *ACM Journal of Experimental Algorithmics*, 19(??):1.2:1–1.2:??, February 2015. CODEN ???? ISSN 1084-6654.

**Estivill-Castro:2009:RRD**

- [ECHS09] Vladimir Estivill-Castro, Apichat Heednacram, and Francis Suraweera. Reduction rules deliver efficient FPT-algorithms for covering points with lines. *ACM Journal of Experimental Algorithmics*, 14(1):7:1–7:??, December 2009. CODEN ???? ISSN 1084-6654.

**Erlebach:1999:EIO**

- [EJ99] T. Erlebach and K. Jansen. Efficient implementation of an optimal greedy algorithm for wavelength assignment in directed tree networks. *ACM Journal of Experimental Algorithmics*, 4:4:1–4:??, ???? 1999. CODEN ???? ISSN 1084-6654.

**Erlebach:2002:IAA**

- [EJ02] Thomas Erlebach and Klaus Jansen. Implementation of approximation algorithms for weighted and unweighted edge-disjoint paths in bidirected trees. *ACM Journal of Experimental Algorithmics*, 7:6, ???? 2002. CODEN ???? ISSN 1084-6654.

**Eisenbrand:2009:ALO**

- [EKX09] Friedrich Eisenbrand, Andreas Karrenbauer, and Chihao Xu. Algorithms for longer OLED lifetime. *ACM Journal of Experimental Algorithmics*, 14(1):3:1–3:??, December 2009. CODEN ???? ISSN 1084-6654.



- Eppstein:2013:LAM**
- [ELS13] David Eppstein, Maarten Löffler, and Darren Strash. Listing all maximal cliques in large sparse real-world graphs. *ACM Journal of Experimental Algorithmics*, 18(??):3.1:1–3.1:??, December 2013. CODEN ???? ISSN 1084-6654.
- Escamocher:2020:GDC**
- [EOP20] Guillaume Escamocher, Barry O’Sullivan, and Steven David Prestwich. Generating difficult CNF instances in unexplored constrainedness regions. *ACM Journal of Experimental Algorithmics*, 25(1):1–12, April 2020. CODEN ???? ISSN 1084-6654. URL <https://dl.acm.org/doi/10.1145/3385651>.
- Efentakis:2016:REH**
- [EP16a] Alexandros Efentakis and Dieter Pfoser. ReHub: Extending hub labels for reverse  $k$ -nearest neighbor queries on large-scale networks. *ACM Journal of Experimental Algorithmics*, 21(1):1.13:1–1.13:??, November 2016. CODEN ???? ISSN 1084-6654.
- Efentakis:2017:REH**
- [EP16b] Alexandros Efentakis and Dieter Pfoser. ReHub: Extending hub labels for reverse  $k$ -nearest neighbor queries on large-scale networks. *ACM Journal of Experimental Algorithmics*, 21(1):1.13:1–1.13:??, 2016. CODEN ???? ISSN 1084-6654.
- Eppstein:2000:FHC**
- [Epp00] David Eppstein. Fast hierarchical clustering and other applications of dynamic closest pairs. *ACM Journal of Experimental Algorithmics*, 5:1:1–1:??, ???? 2000. CODEN ???? ISSN 1084-6654.
- Eiron:1999:MMC**
- [ERS99] N. Eiron, M. Rodeh, and I. Steinwarts. Matrix multiplication: a case study of enhanced data cache utilization. *ACM Journal of Experimental Algorithmics*, 4:3:1–3:??, ???? 1999. CODEN ???? ISSN 1084-6654.
- Englert:2009:EOS**
- [ERW09] Matthias Englert, Heiko Röglin, and Matthias Westermann. Evaluation of online strategies for reordering buffers. *ACM Journal of Experimental Algorithmics*, 14(1):3:1–3:??, December 2009. CODEN ???? ISSN 1084-6654.

**Edelkamp:2002:IHQ**

- [ES02] Stefan Edelkamp and Patrick Stiegeler. Implementing *HEAP-SORT* with  $(n \log n - 0.9n)$  and *QUICKSORT* with  $(n \log n + 0.2n)$  comparisons. *ACM Journal of Experimental Algorithmics*, 7:5, 2002. CODEN 2002 ISSN 1084-6654.

**Edelkamp:2019:BAB**

- [EW19] Stefan Edelkamp and Armin Weiß. BlockQuicksort: Avoiding branch mispredictions in Quicksort. *ACM Journal of Experimental Algorithmics*, 24(1):1.4:1–1.4:??, October 2019. CODEN 2019 ISSN 1084-6654. URL [https://dl.acm.org/ft\\_gateway.cfm?id=3274660](https://dl.acm.org/ft_gateway.cfm?id=3274660).

**Farach-Colton:2021:DWS**

- [FCLMC21] Martín Farach-Colton, Katia Leal, Miguel A. Mosteiro, and Christopher Thraves Caro. Dynamic windows scheduling with reallocation. *ACM Journal of Experimental Algorithmics*, 26(1):1–19, December 2021. CODEN 2021 ISSN 1084-6654. URL <https://dl.acm.org/doi/10.1145/3462208>.

**Figuroa:2009:SSA**

- [FCNP09] Karina Figuroa, Edgar Chavez, Gonzalo Navarro, and Rodrigo Paredes. Speeding up spatial approximation search in metric spaces. *ACM Journal of Experimental Algorithmics*, 14(1):6:1–6:??, December 2009. CODEN 2009 ISSN 1084-6654.

**Fox-Epstein:2016:SSC**

- [FEMPS16a] Eli Fox-Epstein, Shay Mozes, Phitchaya Mangpo Phothilimthana, and Christian Sommer. Short and simple cycle separators in planar graphs. *ACM Journal of Experimental Algorithmics*, 21(1):2.2:1–2.2:??, November 2016. CODEN 2016 ISSN 1084-6654.

**Fox-Epstein:2017:SSC**

- [FEMPS16b] Eli Fox-Epstein, Shay Mozes, Phitchaya Mangpo Phothilimthana, and Christian Sommer. Short and simple cycle separators in planar graphs. *ACM Journal of Experimental Algorithmics*, 21(1):2.2:1–2.2:??, 2016. CODEN 2016 ISSN 1084-6654.

**Festa:2013:FSI**

- [Fes13] Paola Festa. Foreword to the special issue SEA 2010. *ACM Journal of Experimental Algorithmics*, 18(1):1.1:1–1.1:??, December 2013. CODEN 2013 ISSN 1084-6654.

**Finocchi:2015:CCM**

- [FFF15] Irene Finocchi, Marco Finocchi, and Emanuele G. Fusco. Clique counting in MapReduce: Algorithms and experiments. *ACM Journal of Experimental Algorithmics*, 20(??):1.7:1–1.7:??, 2015. CODEN ???? ISSN 1084-6654.

**Farshi:2009:ESG**

- [FG09] Mohammad Farshi and Joachim Gudmundsson. Experimental study of geometric  $t$ -spanners. *ACM Journal of Experimental Algorithmics*, 14(1):3:1–3:??, December 2009. CODEN ???? ISSN 1084-6654.

**Fischl:2021:HBT**

- [FGLP21] Wolfgang Fischl, Georg Gottlob, Davide Mario Longo, and Reinhard Pichler. HyperBench: a benchmark and tool for hypergraphs and empirical findings. *ACM Journal of Experimental Algorithmics*, 26(1):1–40, December 2021. CODEN ???? ISSN 1084-6654. URL <https://dl.acm.org/doi/10.1145/3440015>.

**Finocchi:2011:GEF**

- [FH11] Irene Finocchi and John Hershberger. Guest editors' foreword. *ACM Journal of Experimental Algorithmics*, 16(1):31:1–31:??, 2011. CODEN ???? ISSN 1084-6654.

**Flato:2000:DIP**

- [FHH<sup>+</sup>00] Eyal Flato, Dan Halperin, Iddo Hanniel, Oren Nechushtan, and Eti Ezra. The design and implementation of planar maps in CGAL. *ACM Journal of Experimental Algorithmics*, 5:13:1–13:??, ???? 2000. CODEN ???? ISSN 1084-6654.

**Fichte:2021:MCC**

- [FHH21] Johannes K. Fichte, Markus Hecher, and Florim Hamiti. The model counting competition 2020. *ACM Journal of Experimental Algorithmics*, 26(1):13:1–13:26, December 2021. CODEN ???? ISSN 1084-6654. URL <https://dl.acm.org/doi/10.1145/3459080>.

**Frigioni:1998:EAD**

- [FINP98] Daniele Frigioni, Mario Ioffreda, Umberto Nanni, and Giulio Pasqualone. Experimental analysis of dynamic algorithms for the single. *ACM Journal of Experimental Algorithmics*, 3:5:1–5:??, ???? 1998. CODEN ???? ISSN 1084-6654.

**Fekete:2023:MPP**

- [FKKS23] Sándor P. Fekete, Phillip Keldenich, Dominik Krupke, and Stefan Schirra. Minimum partition into plane subgraphs: The CG:SHOP Challenge 2022. *ACM Journal of Experimental Algorithmics*, 28:1.9:1–1.9:??, 2023. CODEN ???? ISSN 1084-6654. URL <https://dl.acm.org/doi/10.1145/3604907>.

**Focke:2020:MST**

- [FMM20] Jacob Focke, Nicole Megow, and Julie Meißner. Minimum spanning tree under explorable uncertainty in theory and experiments. *ACM Journal of Experimental Algorithmics*, 25(1):1–20, April 2020. CODEN ???? ISSN 1084-6654. URL <https://dl.acm.org/doi/10.1145/3422371>.

**Fekete:2002:SHP**

- [FMRT02] Sándor P. Fekete, Henk Meijer, André Rohe, and Walter Tietze. Solving a 'hard' problem to approximate an 'easy' one: heuristics for maximum matchings and maximum traveling salesman problems. *ACM Journal of Experimental Algorithmics*, 7:11, ??? 2002. CODEN ???? ISSN 1084-6654.

**Frigioni:2001:ESD**

- [FMZ01] Daniele Frigioni, Tobias Miller, and Christos Zaroliagis. An experimental study of dynamic algorithms for transitive closure. *ACM Journal of Experimental Algorithmics*, 6:9:1–9:??, ??? 2001. CODEN ???? ISSN 1084-6654.

**Fredriksson:2004:AOS**

- [FN04] Kimmo Fredriksson and Gonzalo Navarro. Average-optimal single and multiple approximate string matching. *ACM Journal of Experimental Algorithmics*, 9:1.4:1–1.4:??, ??? 2004. CODEN ???? ISSN 1084-6654.

**Flammini:2006:RAF**

- [FNP06] Michele Flammini, Alfredo Navarra, and Stephane Perennes. The “real” approximation factor of the MST heuristic for the minimum energy broadcasting. *ACM Journal of Experimental Algorithmics*, 11:2.10:1–2.10:??, ??? 2006. CODEN ???? ISSN 1084-6654.

**Ferraro-Petrillo:2013:DSR**

- [FPGI13] Umberto Ferraro-Petrillo, Fabrizio Grandoni, and Giuseppe F. Italiano. Data structures resilient to memory faults: an experimental study of dictionaries. *ACM Journal of Experimental*

*Algorithmics*, 18(1):1.6:1–1.6:??, December 2013. CODEN ????  
ISSN 1084-6654.

**Festa:2006:GPR**

- [FPPR06] Paola Festa, Panos M. Pardalos, Leonidas S. Pitsoulis, and Mauricio G. C. Resende. GRASP with path relinking for the weighted MAXSAT problem. *ACM Journal of Experimental Algorithmics*, 11:2.4:1–2.4:??, ??? 2006. CODEN ???? ISSN 1084-6654.

**Frias:2009:LRC**

- [FPR09] Leonor Frias, Jordi Petit, and Salvador Roura. Lists revisited: Cache-conscious STL lists. *ACM Journal of Experimental Algorithmics*, 14(1):5:1–5:??, December 2009. CODEN ???? ISSN 1084-6654.

**Fink:2023:ECP**

- [FPR23] Simon D. Fink, Matthias Pfretzschner, and Ignaz Rutter. Experimental comparison of PC-Trees and PQ-Trees. *ACM Journal of Experimental Algorithmics*, 28:1.10:1–1.10:??, 2023. CODEN ???? ISSN 1084-6654. URL <https://dl.acm.org/doi/10.1145/3611653>.

**Frieder:2015:ESA**

- [FR15] Asaf Frieder and Liam Roditty. An experimental study on approximating  $k$  shortest simple paths. *ACM Journal of Experimental Algorithmics*, 19(??):1.5:1–1.5:??, February 2015. CODEN ???? ISSN 1084-6654.

**Faraj:2022:BSG**

- [FS22] Marcelo Fonseca Faraj and Christian Schulz. Buffered streaming graph partitioning. *ACM Journal of Experimental Algorithmics*, 27(1):1.10:1–1.10:??, 2022. CODEN ???? ISSN 1084-6654. URL <https://dl.acm.org/doi/10.1145/3546911>.

**Fahle:2006:FBB**

- [FT06] Torsten Fahle and Karsten Tiemann. A faster branch-and-bound algorithm for the test-cover problem based on set-covering techniques. *ACM Journal of Experimental Algorithmics*, 11:2.2:1–2.2:??, ??? 2006. CODEN ???? ISSN 1084-6654.

**Gonzalez:2020:WEA**

- [GC20] Miguel Coviello Gonzalez and Marek Chrobak. A waste-efficient algorithm for single-droplet sample preparation on microfluidic

chips. *ACM Journal of Experimental Algorithmics*, 25(1):1–22, April 2020. CODEN ????? ISSN 1084-6654. URL <https://dl.acm.org/doi/10.1145/3408297>.

**Galvao:2015:ATG**

- [GD15] Gustavo Rodrigues Galvão and Zanoni Dias. An audit tool for genome rearrangement algorithms. *ACM Journal of Experimental Algorithmics*, 19(??):1.7:1–1.7:??, February 2015. CODEN ????? ISSN 1084-6654.

**Gramm:2008:DRE**

- [GGHN08] Jens Gramm, Jiong Guo, Falk Hüffner, and Rolf Niedermeier. Data reduction and exact algorithms for clique cover. *ACM Journal of Experimental Algorithmics*, 13:2:1–2:??, September 2008. CODEN ????? ISSN 1084-6654.

**Goodrich:2021:UEE**

- [GHS21] Timothy D. Goodrich, Eric Horton, and Blair D. Sullivan. An updated experimental evaluation of graph bipartization methods. *ACM Journal of Experimental Algorithmics*, 26(1):12:1–12:24, December 2021. CODEN ????? ISSN 1084-6654. URL <https://dl.acm.org/doi/10.1145/3467968>.

**Gittleman:1996:PSS**

- [Git96] Arthur Gittleman. Predicting string search speed. *ACM Journal of Experimental Algorithmics*, 1:2:1–2:??, ????? 1996. CODEN ????? ISSN 1084-6654.

**Grotschel:2022:CEM**

- [GJR22] Martin Grötschel, Michael Jünger, and Gerhard Reinelt. Comments on “An Exact Method for the Minimum Feedback Arc Set Problem”. *ACM Journal of Experimental Algorithmics*, 27(1):1.3:1–1.3:??, 2022. CODEN ????? ISSN 1084-6654. URL <https://dl.acm.org/doi/10.1145/3545001>. See [BSNA21].

**Gabow:2001:NFB**

- [GK01] Harold Gabow and Tadayoshi Kohno. A network-flow-based scheduler: Design, performance history, and experimental analysis. *ACM Journal of Experimental Algorithmics*, 6:3:1–3:??, ????? 2001. CODEN ????? ISSN 1084-6654.

**Gudmundsson:2016:ESS**

- [GK16] Joachim Gudmundsson and Jyrki Katajainen. Editorial, SEA 2014 special issue. *ACM Journal of Experimental Algorithmics*,

21(1):1.1:1–1.1:??, November 2016. CODEN ????? ISSN 1084-6654.

**Gog:2017:PCI**

- [GKN17] Simon Gog, Roberto Konow, and Gonzalo Navarro. Practical compact indexes for top- $k$  document retrieval. *ACM Journal of Experimental Algorithmics*, 22(??):1.2:1–1.2:??, 2017. CODEN ????? ISSN 1084-6654.

**Gorke:2015:EDC**

- [GKW15] Robert Görke, Andrea Kappes, and Dorothea Wagner. Experiments on density-constrained graph clustering. *ACM Journal of Experimental Algorithmics*, 19(??):1.6:1–1.6:??, February 2015. CODEN ????? ISSN 1084-6654.

**Goshi:2006:ADM**

- [GL06] Justin Goshi and Richard E. Ladner. Algorithms for dynamic multicast key distribution. *ACM Journal of Experimental Algorithmics*, 11:1.4:1–1.4:??, ????? 2006. CODEN ????? ISSN 1084-6654.

**Graf:2020:XFF**

- [GL20] Thomas Mueller Graf and Daniel Lemire. Xor filters: Faster and smaller than Bloom and cuckoo filters. *ACM Journal of Experimental Algorithmics*, 25(1):1–16, April 2020. CODEN ????? ISSN 1084-6654. URL <https://dl.acm.org/doi/abs/10.1145/3376122>.

**Graf:2022:BFF**

- [GL22] Thomas Mueller Graf and Daniel Lemire. Binary fuse filters: Fast and smaller than xor filters. *ACM Journal of Experimental Algorithmics*, 27(1):1.5:1–1.5:??, 2022. CODEN ????? ISSN 1084-6654. URL <https://dl.acm.org/doi/10.1145/3510449>.

**Gottlob:2022:IUG**

- [GLLO22] Georg Gottlob, Matthias Lanzinger, Davide Mario Longo, and Cem Okulmus. Incremental updates of generalized hypertree decompositions. *ACM Journal of Experimental Algorithmics*, 27(1):1.16:1–1.16:??, 2022. CODEN ????? ISSN 1084-6654. URL <https://dl.acm.org/doi/10.1145/3578266>.

**Gorke:2013:DGC**

- [GMS<sup>+</sup>13] Robert Görke, Pascal Maillard, Andrea Schumm, Christian Staudt, and Dorothea Wagner. Dynamic graph clustering com-

binning modularity and smoothness. *ACM Journal of Experimental Algorithmics*, 18(1):1.5:1–1.5:??, December 2013. CODEN ???? ISSN 1084-6654.

**Glantz:2016:TBC**

- [GMS16] Roland Glantz, Henning Meyerhenke, and Christian Schulz. Tree-based coarsening and partitioning of complex networks. *ACM Journal of Experimental Algorithmics*, 21(1):1.6:1–1.6:??, November 2016. CODEN ???? ISSN 1084-6654.

**Gonzalez:2015:LCS**

- [GNF15] Rodrigo González, Gonzalo Navarro, and Héctor Ferrada. Locally compressed suffix arrays. *ACM Journal of Experimental Algorithmics*, 19(?):1.1:1–1.1:??, February 2015. CODEN ???? ISSN 1084-6654.

**Gemsa:2016:ELS**

- [GNR16] Andreas Gemsa, Martin Nöllenburg, and Ignaz Rutter. Evaluation of labeling strategies for rotating maps. *ACM Journal of Experimental Algorithmics*, 21(1):1.4:1–1.4:??, November 2016. CODEN ???? ISSN 1084-6654.

**Gog:2013:CST**

- [GO13] Simon Gog and Enno Ohlebusch. Compressed suffix trees: Efficient computation and storage of LCP-values. *ACM Journal of Experimental Algorithmics*, 18(1):2.1:1–2.1:??, December 2013. CODEN ???? ISSN 1084-6654.

**Grossi:2015:FCT**

- [GO15] Roberto Grossi and Giuseppe Ottaviano. Fast compressed tries through path decompositions. *ACM Journal of Experimental Algorithmics*, 19(?):1.8:1–1.8:??, February 2015. CODEN ???? ISSN 1084-6654.

**Geisberger:2012:RPF**

- [GRST12] Robert Geisberger, Michael N. Rice, Peter Sanders, and Vasilis J. Tsotras. Route planning with flexible edge restrictions. *ACM Journal of Experimental Algorithmics*, 17(1):1.2:1–1.2:??, March 2012. CODEN ???? ISSN 1084-6654.

**Gottlob:2008:BBA**

- [GS08] Georg Gottlob and Marko Samer. A backtracking-based algorithm for hypertree decomposition. *ACM Journal of Experimental Algorithmics*, 13:1:1–1:??, September 2008. CODEN ???? ISSN 1084-6654.



**Goh:2004:TAP**

- [GT04] Rick Siow Mong Goh and Ian Li-Jin Thng. Twol-amalgamated priority queues. *ACM Journal of Experimental Algorithmics*, 9: 1.6:1–1.6:??, 2004. CODEN 2004 ISSN 1084-6654.

**Hedtke:2015:UST**

- [Hed15] Ivo Hedtke. Upgrading subgroup triple-product-property triples. *ACM Journal of Experimental Algorithmics*, 20(??): 1.1:1–1.1:??, 2015. CODEN 2015 ISSN 1084-6654.

**Hyyro:2005:IBP**

- [HFN05] Heikki Hyyrö, Kimmo Fredriksson, and Gonzalo Navarro. Increased bit-parallelism for approximate and multiple string matching. *ACM Journal of Experimental Algorithmics*, 10: 2.6:1–2.6:??, 2005. CODEN 2005 ISSN 1084-6654.

**Hecht:2021:TLF**

- [HGH21] Michael Hecht, Krzysztof Gonciarz, and Szabolcs Horvát. Tight localizations of feedback sets. *ACM Journal of Experimental Algorithmics*, 26(1):1–19, December 2021. CODEN 2021 ISSN 1084-6654. URL <https://dl.acm.org/doi/10.1145/3447652>.

**Herrmann:2002:FCN**

- [HH02] Francine Herrmann and Alain Hertz. Finding the chromatic number by means of critical graphs. *ACM Journal of Experimental Algorithmics*, 7:10, 2002. CODEN 2002 ISSN 1084-6654.

**Haran:2008:ESP**

- [HH08] Idit Haran and Dan Halperin. An experimental study of point location in planar arrangements in CGAL. *ACM Journal of Experimental Algorithmics*, 13:3:1–3:??, September 2008. CODEN 2008 ISSN 1084-6654.

**Huber:2011:MGS**

- [HH11] Stefan Huber and Martin Held. Motorcycle graphs: Stochastic properties motivate an efficient yet simple implementation. *ACM Journal of Experimental Algorithmics*, 16(1):13:1–13:??, 2011. CODEN 2011 ISSN 1084-6654.

**Hanauer:2022:RAF**

- [HHS22] Kathrin Hanauer, Monika Henzinger, and Christian Schulz. Recent advances in fully dynamic graph algorithms — a quick ref-

erence guide. *ACM Journal of Experimental Algorithmics*, 27(1):1.11:1–1.11:??, 2022. CODEN ????? ISSN 1084-6654. URL <https://dl.acm.org/doi/10.1145/3555806>.

**Helman:1998:NDP**

- [HJB98] David R. Helman, Joseph JáJá, and David A. Bader. A new deterministic parallel sorting algorithm with an experimental evaluation. *ACM Journal of Experimental Algorithmics*, 3:4:1–4:??, 1998. CODEN ????? ISSN 1084-6654.

**Heinrich-Litan:2006:RCR**

- [HLL06] Laura Heinrich-Litan and Marco E. Lübbecke. Rectangle covers revisited computationally. *ACM Journal of Experimental Algorithmics*, 11:2.6:1–2.6:??, 2006. CODEN ????? ISSN 1084-6654.

**Hamann:2018:EGM**

- [HMP<sup>+</sup>18] Michael Hamann, Ulrich Meyer, Manuel Penschuck, Hung Tran, and Dorothea Wagner. I/O-efficient generation of massive graphs following the LFR benchmark. *ACM Journal of Experimental Algorithmics*, 23(?):2.5:1–2.5:??, 2018. CODEN ????? ISSN 1084-6654.

**Huson:1999:HTR**

- [HNR<sup>+</sup>99] D. Huson, S. Nettles, K. Rice, T. Warnow, and S. Yooseph. Hybrid tree reconstruction methods. *ACM Journal of Experimental Algorithmics*, 4:5:1–5:??, 1999. CODEN ????? ISSN 1084-6654.

**Henzinger:2020:IBL**

- [HNS20] Alexandra Henzinger, Alexander Noe, and Christian Schulz. ILP-based local search for graph partitioning. *ACM Journal of Experimental Algorithmics*, 25(1):1–26, April 2020. CODEN ????? ISSN 1084-6654. URL <https://dl.acm.org/doi/10.1145/3398634>.

**Henzinger:2018:PMC**

- [HNSS18] Monika Henzinger, Alexander Noe, Christian Schulz, and Darren Strash. Practical minimum cut algorithms. *ACM Journal of Experimental Algorithmics*, 23(?):1.8:1–1.8:??, 2018. CODEN ????? ISSN 1084-6654.

**Hofri:2013:OSS**

- [Hof13] Micha Hofri. Optimal selection and sorting via dynamic programming. *ACM Journal of Experimental Algorithmics*, 18(1): 2.3:1–2.3:??, December 2013. CODEN ????? ISSN 1084-6654.

**Hemaspaandra:1998:PBA**

- [HRSZ98] Lane A. Hemaspaandra, Kulathur S. Rajasethupathy, Prasanna Sethupathy, and Marius Zimand. Power balance and apportionment algorithms for the United States Congress. *ACM Journal of Experimental Algorithmics*, 3:1:1–1:??, ????? 1998. CODEN ????? ISSN 1084-6654.

**Hamann:2018:GBP**

- [HS18] Michael Hamann and Ben Strasser. Graph bisection with Pareto optimization. *ACM Journal of Experimental Algorithmics*, 23(??):1.2:1–1.2:??, 2018. CODEN ????? ISSN 1084-6654.

**Hershberger:2008:SSD**

- [HSS08] John Hershberger, Nisheeth Shrivastava, and Subhash Suri. Summarizing spatial data streams using ClusterHulls. *ACM Journal of Experimental Algorithmics*, 13:4:1–4:??, September 2008. CODEN ????? ISSN 1084-6654.

**Hespe:2019:SKM**

- [HSS19a] Demian Hespe, Christian Schulz, and Darren Strash. Scalable kernelization for maximum independent sets. *ACM Journal of Experimental Algorithmics*, 24(1):1.16:1–1.16:??, October 2019. CODEN ????? ISSN 1084-6654. URL [https://dl.acm.org/ft\\_gateway.cfm?id=3355502](https://dl.acm.org/ft_gateway.cfm?id=3355502).

**Heuer:2019:NFB**

- [HSS19b] Tobias Heuer, Peter Sanders, and Sebastian Schlag. Network flow-based refinement for multilevel hypergraph partitioning. *ACM Journal of Experimental Algorithmics*, 24(1):2.3:1–2.3:??, October 2019. CODEN ????? ISSN 1084-6654. URL [https://dl.acm.org/ft\\_gateway.cfm?id=3329872](https://dl.acm.org/ft_gateway.cfm?id=3329872).

**Holzer:2008:EMO**

- [HSW08] Martin Holzer, Frank Schulz, and Dorothea Wagner. Engineering multilevel overlay graphs for shortest-path queries. *ACM Journal of Experimental Algorithmics*, 13:5:1–5:??, September 2008. CODEN ????? ISSN 1084-6654.

**Holzer:2009:EPS**

- [HSW<sup>+</sup>09] Martin Holzer, Frank Schulz, Dorothea Wagner, Grigorios Prasinos, and Christos Zaroliagis. Engineering planar separator algorithms. *ACM Journal of Experimental Algorithmics*, 14(1): 5:1–5:??, December 2009. CODEN ???? ISSN 1084-6654.

**Holzer:2005:CST**

- [HSWW05] Martin Holzer, Frank Schulz, Dorothea Wagner, and Thomas Willhalm. Combining speed-up techniques for shortest-path computations. *ACM Journal of Experimental Algorithmics*, 10: 2.5:1–2.5:??, ???? 2005. CODEN ???? ISSN 1084-6654.

**Hirvola:2017:BPA**

- [HT17] Tommi Hirvola and Jorma Tarhio. Bit-parallel approximate matching of circular strings with  $k$  mismatches. *ACM Journal of Experimental Algorithmics*, 22(?):1.5:1–1.5:??, 2017. CODEN ???? ISSN 1084-6654.

**Hazel:2008:TCL**

- [HTVW08] Thomas Hazel, Laura Toma, Jan Vahrenhold, and Rajiv Wickremesinghe. Terracost: Computing least-cost-path surfaces for massive grid terrains. *ACM Journal of Experimental Algorithmics*, 12:1.9:1–1.9:??, June 2008. CODEN ???? ISSN 1084-6654.

**Haverkort:2011:FDH**

- [HW11] Herman Haverkort and Freek V. Walderveen. Four-dimensional Hilbert curves for  $R$ -trees. *ACM Journal of Experimental Algorithmics*, 16(1):34:1–34:??, 2011. CODEN ???? ISSN 1084-6654.

**Ioannidis:2005:ADS**

- [IGA05] Ioannis Ioannidis, Ananth Grama, and Mikhail Atallah. Adaptive data structures for IP lookups. *ACM Journal of Experimental Algorithmics*, 10:1.1:1–1.1:??, ???? 2005. CODEN ???? ISSN 1084-6654.

**Ilinkin:2006:HEC**

- [IJS<sup>+</sup>06] Ivaylo Ilinkin, Ravi Janardan, Michiel Smid, Eric Johnson, Paul Castillo, and Jörg Schwerdt. Heuristics for estimating contact area of supports in layered manufacturing. *ACM Journal of Experimental Algorithmics*, 11:1.6:1–1.6:??, ???? 2006. CODEN ???? ISSN 1084-6654.

**Iwama:2002:PLS**

- [IKM<sup>+</sup>02] Kazuo Iwama, Daisuke Kawai, Shuichi Miyazaki, Yasuo Okabe, and Jun Umemoto. Parallelizing local search for CNF satisfiability using vectorization and PVM. *ACM Journal of Experimental Algorithmics*, 7:2, 2002. CODEN 2002 ISSN 1084-6654.

**Iyer:2001:ESP**

- [IKRT01] Raj Iyer, David Karger, Hariharan Rahul, and Mikkel Thorup. An experimental study of polylogarithmic, fully dynamic, connectivity algorithms. *ACM Journal of Experimental Algorithmics*, 6:4:1–4:??, 2001. CODEN 2001 ISSN 1084-6654.

**Irving:2009:FLS**

- [IM09] Robert W. Irving and David F. Manlove. Finding large stable matchings. *ACM Journal of Experimental Algorithmics*, 14:2:1–2:??, May 2009. CODEN 2009 ISSN 1084-6654.

**Jacobs:2010:ESR**

- [Jac10] Tobias Jacobs. An experimental study of recent hotlink assignment algorithms. *ACM Journal of Experimental Algorithmics*, 15(1):1.1:1–1.1:??, March 2010. CODEN 2010 ISSN 1084-6654.

**Jensen:2020:SIS**

- [JB20] Alatheia Jensen and Isabel Beichl. A sequential importance sampling algorithm for counting linear extensions. *ACM Journal of Experimental Algorithmics*, 25(1):1–14, April 2020. CODEN 2020 ISSN 1084-6654. URL <https://dl.acm.org/doi/10.1145/3385650>.

**Junger:2021:QAV**

- [JLM<sup>+</sup>21] Michael Jünger, Elisabeth Lobe, Petra Mutzel, Gerhard Reinelt, Franz Rendl, Giovanni Rinaldi, and Tobias Stollenwerk. Quantum annealing versus digital computing: an experimental comparison. *ACM Journal of Experimental Algorithmics*, 26(1):1–30, December 2021. CODEN 2021 ISSN 1084-6654. URL <https://dl.acm.org/doi/10.1145/3459606>.

**Jurkiewicz:2015:MVA**

- [JM15] Tomasz Jurkiewicz and Kurt Mehlhorn. On a model of virtual address translation. *ACM Journal of Experimental Algorithmics*, 19(??):1.9:1–1.9:??, February 2015. CODEN 2015 ISSN 1084-6654.

**Jacob:1999:CSR**

- [JMN99] R. Jacob, M. Marathe, and K. Nagel. A computational study of routing algorithms for realistic transportation networks. *ACM Journal of Experimental Algorithmics*, 4:6:1–6:??, 1999. CODEN 1084-6654.

**Julstrom:2009:GHB**

- [Jul09] Bryant A. Julstrom. Greedy heuristics for the bounded diameter minimum spanning tree problem. *ACM Journal of Experimental Algorithmics*, 14:1:1–1:??, May 2009. CODEN 1084-6654.

**Korhonen:2019:SGP**

- [KBJ19] Tuukka Korhonen, Jeremias Berg, and Matti Järvisalo. Solving graph problems via potential maximal cliques: an experimental evaluation of the Bouchitté–Todinca algorithm. *ACM Journal of Experimental Algorithmics*, 24(1):1.9:1–1.9:??, October 2019. CODEN 1084-6654. URL [https://dl.acm.org/ft\\_gateway.cfm?id=3301297](https://dl.acm.org/ft_gateway.cfm?id=3301297).

**Kot:2011:ECP**

- [KCC11] Andriy Kot, Andrey N. Chernikov, and Nikos P. Chrisochoides. Effective out-of-core parallel Delaunay mesh refinement using off-the-shelf software. *ACM Journal of Experimental Algorithmics*, 16(1):15:1–15:??, 2011. CODEN 1084-6654.

**Kim:1999:NSP**

- [Kim99] Sun Kim. A new string-pattern matching algorithm using partitioning and hashing efficiently. *ACM Journal of Experimental Algorithmics*, 4:2:1–2:??, 1999. CODEN 1084-6654.

**Kärkkäinen:2016:LAC**

- [KK16] Juha Kärkkäinen and Dominik Kempa. LCP array construction in external memory. *ACM Journal of Experimental Algorithmics*, 21(1):1.7:1–1.7:??, November 2016. CODEN 1084-6654.

**Kärkkäinen:2019:BEM**

- [KK19] Juha Kärkkäinen and Dominik Kempa. Better external memory LCP array construction. *ACM Journal of Experimental Algorithmics*, 24(1):1.3:1–1.3:??, October 2019. CODEN 1084-6654.

1084-6654. URL [https://dl.acm.org/ft\\_gateway.cfm?id=3297723](https://dl.acm.org/ft_gateway.cfm?id=3297723).

**Koana:2021:DRM**

- [KKN<sup>+</sup>21] Tomohiro Koana, Viatcheslav Korenwein, André Nichterlein, Rolf Niedermeier, and Philipp Zschoche. Data reduction for maximum matching on real-world graphs: Theory and experiments. *ACM Journal of Experimental Algorithmics*, 26(1):1–30, December 2021. CODEN ???? ISSN 1084-6654. URL <https://dl.acm.org/doi/10.1145/3439801>.

**Karkkainen:2016:LLZ**

- [KKP16a] Juha Kärkkäinen, Dominik Kempa, and Simon J. Puglisi. Lazy Lempel–Ziv factorization algorithms. *ACM Journal of Experimental Algorithmics*, 21(1):2.4:1–2.4:??, November 2016. CODEN ???? ISSN 1084-6654.

**Karkkainen:2017:LLZ**

- [KKP16b] Juha Kärkkäinen, Dominik Kempa, and Simon J. Puglisi. Lazy Lempel–Ziv factorization algorithms. *ACM Journal of Experimental Algorithmics*, 21(1):2.4:1–2.4:??, 2016. CODEN ???? ISSN 1084-6654.

**Kanda:2020:DPD**

- [KKT<sup>+</sup>20] Shunsuke Kanda, Dominik Köppl, Yasuo Tabei, Kazuhiro Morita, and Masao Fuketa. Dynamic path-decomposed tries. *ACM Journal of Experimental Algorithmics*, 25(1):1–28, April 2020. CODEN ???? ISSN 1084-6654. URL <https://dl.acm.org/doi/10.1145/3418033>.

**Klasing:2015:E**

- [Kla15] Ralf Klasing. Editorial. *ACM Journal of Experimental Algorithmics*, 19(?):2.1:1–2.1:??, February 2015. CODEN ???? ISSN 1084-6654.

**Kirchler:2015:ECS**

- [KLC15] Dominik Kirchler, Leo Liberti, and Roberto Wolfler Calvo. Efficient computation of shortest paths in time-dependent multimodal networks. *ACM Journal of Experimental Algorithmics*, 19(?):2.5:1–2.5:??, February 2015. CODEN ???? ISSN 1084-6654.

**Kouri:2013:FRM**

- [KM13a] Tina M. Kouri and Dinesh P. Mehta. Faster reaction mapping through improved naming techniques. *ACM Journal of Experimental Algorithmics*, 18(1):2.5:1–2.5:??, December 2013. CODEN ???? ISSN 1084-6654.

**Kouzinopoulos:2013:EOT**

- [KM13b] Charalampos S. Kouzinopoulos and Konstantinos G. Margaritis. Exact online two-dimensional pattern matching using multiple pattern matching algorithms. *ACM Journal of Experimental Algorithmics*, 18(1):2.4:1–2.4:??, December 2013. CODEN ???? ISSN 1084-6654.

**Khuong:2017:ALC**

- [KM17] Paul-Virak Khuong and Pat Morin. Array layouts for comparison-based searching. *ACM Journal of Experimental Algorithmics*, 22(?):1.3:1–1.3:??, 2017. CODEN ???? ISSN 1084-6654.

**Kerber:2017:GHC**

- [KMN17] Michael Kerber, Dmitriy Morozov, and Arnur Nigmatov. Geometry helps to compare persistence diagrams. *ACM Journal of Experimental Algorithmics*, 22(?):1.4:1–1.4:??, 2017. CODEN ???? ISSN 1084-6654.

**Kumar:2003:AME**

- [KMY03] Piyush Kumar, Joseph S. B. Mitchell, and E. Alper Yildirim. Approximate minimum enclosing balls in high dimensions using core-sets. *ACM Journal of Experimental Algorithmics*, 8:1.1:1–1.1:??, ???? 2003. CODEN ???? ISSN 1084-6654.

**Knuth:1996:II**

- [Knu96] Donald E. Knuth. Irredundant intervals. *ACM Journal of Experimental Algorithmics*, 1:1:1–1:??, ???? 1996. CODEN ???? ISSN 1084-6654.

**Kirchbach:2020:BPM**

- [KST20] Konrad Von Kirchbach, Christian Schulz, and Jesper Larsson Träff. Better process mapping and sparse quadratic assignment. *ACM Journal of Experimental Algorithmics*, 25(1):1–19, April 2020. CODEN ???? ISSN 1084-6654. URL <https://dl.acm.org/doi/10.1145/3409667>.



- [KZ08] Ioannis Krommidas and Christos Zaroliagis. An experimental study of algorithms for fully dynamic transitive closure. *ACM Journal of Experimental Algorithmics*, 12:16:1–16:??, June 2008. CODEN ???? ISSN 1084-6654. **Krommidas:2008:ESA**
- [Lev00] Matthew S. Levine. Finding the right cutting planes for the TSP. *ACM Journal of Experimental Algorithmics*, 5:6:1–6:??, ???? 2000. CODEN ???? ISSN 1084-6654. **Levine:2000:FRC**
- [LF19] Harry A. Levin and Sorelle A. Friedler. Automated Congressional redistricting. *ACM Journal of Experimental Algorithmics*, 24(1):1.10:1–1.10:??, October 2019. CODEN ???? ISSN 1084-6654. URL [https://dl.acm.org/ft\\_gateway.cfm?id=3316513](https://dl.acm.org/ft_gateway.cfm?id=3316513). **Levin:2019:ACR**
- [LFLSW08] Andrew Leaver-Fay, Yuanxin Liu, Jack Snoeyink, and Xueyi Wang. Faster placement of hydrogens in protein structures by dynamic programming. *ACM Journal of Experimental Algorithmics*, 12:2.5:1–2.5:??, June 2008. CODEN ???? ISSN 1084-6654. **Leaver-Fay:2008:FPH**
- [LG02] Isabelle Guérin Lassous and Jens Gustedt. Portable list ranking: an experimental study. *ACM Journal of Experimental Algorithmics*, 7:7, ???? 2002. CODEN ???? ISSN 1084-6654. **Lassous:2002:PLR**
- [Li08] Keqin Li. Experimental average-case performance evaluation of online algorithms for routing and wavelength assignment and throughput maximization in WDM optical networks. *ACM Journal of Experimental Algorithmics*, 12:1.7:1–1.7:??, June 2008. CODEN ???? ISSN 1084-6654. **Li:2008:EAC**
- [Lib01] Vincenzo Liberatore. Caching and scheduling for broadcast disk systems. *ACM Journal of Experimental Algorithmics*, 6:5:1–5:??, ???? 2001. CODEN ???? ISSN 1084-6654. **Liberatore:2001:CSB**
- [LL96] Anthony LaMarca and Richard Ladner. The influence of caches on the performance of heaps. *ACM Journal of Experimental*

*Algorithmics*, 1:4:1–4:??, ????. 1996. CODEN ????. ISSN 1084-6654.

**Liu:2022:DOL**

- [LLH<sup>+</sup>22] Xu Liu, Andrew Lumsdaine, Mahantesh Halappanavar, Kevin Barker, and Assefaw Gebremedhin. Direction-optimizing label propagation framework for structure detection in graphs: Design, implementation, and experimental analysis. *ACM Journal of Experimental Algorithmics*, 27(1):1.12:1–1.12:??, 2022. CODEN ????. ISSN 1084-6654. URL <https://dl.acm.org/doi/10.1145/3564593>.

**Lesh:2005:NHI**

- [LMMM05] N. Lesh, J. Marks, A. McMahon, and M. Mitzenmacher. New heuristic and interactive approaches to 2D rectangular strip packing. *ACM Journal of Experimental Algorithmics*, 10:1.2:1–1.2:??, ????. 2005. CODEN ????. ISSN 1084-6654.

**Liberti:2023:RPL**

- [LMP23] Leo Liberti, Benedetto Manca, and Pierre-Louis Poirion. Random projections for linear programming: an improved retrieval phase. *ACM Journal of Experimental Algorithmics*, 28:2.2:1–2.2:??, 2023. CODEN ????. ISSN 1084-6654. URL <https://dl.acm.org/doi/10.1145/3617506>.

**Langguth:2010:HIB**

- [LMS10] Johannes Langguth, Fredrik Manne, and Peter Sanders. Heuristic initialization for bipartite matching problems. *ACM Journal of Experimental Algorithmics*, 15(1):1.3:1–1.3:??, March 2010. CODEN ????. ISSN 1084-6654.

**Lanthier:2008:CAC**

- [LNW08] Mark A. Lanthier, Doron Nussbaum, and Tsuo-Jung Wang. Computing an approximation of the 1-center problem on weighted terrain surfaces. *ACM Journal of Experimental Algorithmics*, 13:3:1–3:??, September 2008. CODEN ????. ISSN 1084-6654.

**Lopez-Ortiz:2005:FSS**

- [LOMSS05] Alejandro López-Ortiz, Mehdi Mirzazadeh, Mohammad Ali Safari, and Hossein Sheikhattar. Fast string sorting using order-preserving compression. *ACM Journal of Experimental Algorithmics*, 10:1.4:1–1.4:??, ????. 2005. CODEN ????. ISSN 1084-6654.

**Liptak:2021:PDC**

- [LPR21] Zsuzsanna Lipták, Simon J. Puglisi, and Massimiliano Rossi. Pattern discovery in colored strings. *ACM Journal of Experimental Algorithmics*, 26(1):1–26, December 2021. CODEN ???? ISSN 1084-6654. URL <https://dl.acm.org/doi/10.1145/3429280>.

**Leone:2006:FPN**

- [LRAM06] Pierre Leone, Jose Rolim, Paul Albuquerque, and Christian Mazza. A framework for probabilistic numerical evaluation of sensor networks: a case study of a localization protocol. *ACM Journal of Experimental Algorithmics*, 11:2.3:1–2.3:??, ???? 2006. CODEN ???? ISSN 1084-6654.

**Luxen:2015:CSA**

- [LS15] Dennis Luxen and Dennis Schieferdecker. Candidate sets for alternative routes in road networks. *ACM Journal of Experimental Algorithmics*, 19(??):2.7:1–2.7:??, February 2015. CODEN ???? ISSN 1084-6654.

**Lorenz:2022:TUL**

- [LW22] Jan-Hendrik Lorenz and Florian Würz. Toward an understanding of long-tailed runtimes of SLS algorithms. *ACM Journal of Experimental Algorithmics*, 27(1):1.14:1–1.14:??, 2022. CODEN ???? ISSN 1084-6654. URL <https://dl.acm.org/doi/10.1145/3569170>.

**Magun:1998:GMA**

- [Mag98] Jakob Magun. Greeding matching algorithms, an experimental study. *ACM Journal of Experimental Algorithmics*, 3:6:1–6:??, ???? 1998. CODEN ???? ISSN 1084-6654.

**Mann:2018:CCR**

- [Man18] Zoltán Ádám Mann. Complexity of coloring random graphs: an experimental study of the hardest region. *ACM Journal of Experimental Algorithmics*, 23(??):1.3:1–1.3:??, 2018. CODEN ???? ISSN 1084-6654.

**McGeoch:2010:P**

- [McG10] Catherine C. McGeoch. Preface. *ACM Journal of Experimental Algorithmics*, 15(1):2.1:1–2.1:??, March 2010. CODEN ???? ISSN 1084-6654.

**Mcgeoch:2016:MDJ**

- [Mcg16] Catherine Mcgeoch. In memoriam: David S. Johnson. *ACM Journal of Experimental Algorithmics*, 21(1):1.1:1–1.1:??, November 2016. CODEN ???? ISSN 1084-6654.

**Muller-Hannemann:1999:IWM**

- [MHS99] M. Müller-Hannemann and A. Schwartz. Implementing weighted  $b$ -matching algorithms: towards a flexible software design. *ACM Journal of Experimental Algorithmics*, 4:7:1–7:??, ??? 1999. CODEN ???? ISSN 1084-6654.

**Muller-Hannemann:2000:IWM**

- [MHS00] Matthias Müller-Hannemann and Alexander Schwartz. Implementing weighted  $b$ -matching algorithms: insights from a computational study. *ACM Journal of Experimental Algorithmics*, 5:8:1–8:??, ??? 2000. CODEN ???? ISSN 1084-6654.

**Michail:2011:ECS**

- [Mic11] Dimitrios Michail. An experimental comparison of single-sided preference matching algorithms. *ACM Journal of Experimental Algorithmics*, 16(1):14:1–14:??, 2011. CODEN ???? ISSN 1084-6654.

**Mehlhorn:2006:IMC**

- [MM06] Kurt Mehlhorn and Dimitrios Michail. Implementing minimum cycle basis algorithms. *ACM Journal of Experimental Algorithmics*, 11:2.5:1–2.5:??, ??? 2006. CODEN ???? ISSN 1084-6654.

**Marinov:2016:PAF**

- [MNG16] Martin Marinov, Nicholas Nash, and David Gregg. Practical algorithms for finding extremal sets. *ACM Journal of Experimental Algorithmics*, 21(1):1.9:1–1.9:??, November 2016. CODEN ???? ISSN 1084-6654.

**Moruz:2015:EEP**

- [MNNW15] Gabriel Moruz, Andrei Negoescu, Christian Neumann, and Volker Weichert. Engineering efficient paging algorithms. *ACM Journal of Experimental Algorithmics*, 19(?):2.4:1–2.4:??, February 2015. CODEN ???? ISSN 1084-6654.

**Manlove:2015:PAK**

- [MO15] David F. Manlove and Gregg O'Malley. Paired and altruistic kidney donation in the UK: Algorithms and experimen-

tion. *ACM Journal of Experimental Algorithmics*, 19(??):2.6:1–2.6:??, February 2015. CODEN ????? ISSN 1084-6654.

**Maniscalco:2008:EVA**

- [MP08] Michael A. Maniscalco and Simon J. Puglisi. An efficient, versatile approach to suffix sorting. *ACM Journal of Experimental Algorithmics*, 12:1.2:1–1.2:??, June 2008. CODEN ????? ISSN 1084-6654.

**Marathe:2004:ESS**

- [MPR04] Madhav V. Marathe, Alessandro Panconesi, and Larry D. Risinger, Jr. An experimental study of a simple, distributed edge-coloring algorithm. *ACM Journal of Experimental Algorithmics*, 9:1.3:1–1.3:??, ??? 2004. CODEN ????? ISSN 1084-6654.

**Mitzenmacher:2020:ACF**

- [MPR20] Michael Mitzenmacher, Salvatore Pontarelli, and Pedro Reviriego. Adaptive cuckoo filters. *ACM Journal of Experimental Algorithmics*, 25(1):1–20, April 2020. CODEN ????? ISSN 1084-6654. URL <https://dl.acm.org/doi/abs/10.1145/3339504>.

**Matias:2001:EFP**

- [MRS01] Yossi Matias, Nasir Rajpoot, and Cenk Sahinalp. The effect of flexible parsing for dynamic dictionary-based data compression. *ACM Journal of Experimental Algorithmics*, 6:10:1–10:??, ??? 2001. CODEN ????? ISSN 1084-6654.

**Mehlhorn:2002:IWM**

- [MS02] Kurt Mehlhorn and Guido Schäfer. Implementation of  $O(nm \log n)$  weighted matchings in general graphs: the power of data structures. *ACM Journal of Experimental Algorithmics*, 7:4, ??? 2002. CODEN ????? ISSN 1084-6654.

**Maue:2009:GDS**

- [MSM09] Jens Maue, Peter Sanders, and Domagoj Matijević. Goal-directed shortest-path queries using precomputed cluster distances. *ACM Journal of Experimental Algorithmics*, 14(1):2:1–2:??, December 2009. CODEN ????? ISSN 1084-6654.

**Mohring:2006:PGS**

- [MSS+06] Rolf H. Möhring, Heiko Schilling, Birk Schütz, Dorothea Wagner, and Thomas Willhalm. Partitioning graphs to speedup Di-

jkstra’s algorithm. *ACM Journal of Experimental Algorithmics*, 11:2.8:1–2.8:??, 2006. CODEN 2006 ISSN 1084-6654.

**Munro:2009:PSS**

[MW09] J. Ian Munro and Dorothea Wagner. Preface: Section 2 — selected papers from ALENEX 2008. *ACM Journal of Experimental Algorithmics*, 14:1:1–1:??, May 2009. CODEN 2009 ISSN 1084-6654.

**Mirka:2023:EES**

[MW23] Renee Mirka and David P. Williamson. An experimental evaluation of semidefinite programming and spectral algorithms for max cut. *ACM Journal of Experimental Algorithmics*, 28:2.1:1–2.1:??, 2023. CODEN 2023 ISSN 1084-6654. URL <https://dl.acm.org/doi/10.1145/3609426>.

**Niewiadomski:2004:PSD**

[NAH04] Robert Niewiadomski, José Nelson Amaral, and Robert C. Holte. A performance study of data layout techniques for improving data locality in refinement-based pathfinding. *ACM Journal of Experimental Algorithmics*, 9:1.2:1–1.2:??, 2004. CODEN 2004 ISSN 1084-6654.

**Neri:2002:RCL**

[Ner02] Filippo Neri. Relational concept learning by cooperative evolution. *ACM Journal of Experimental Algorithmics*, 7:12, 2002. CODEN 2002 ISSN 1084-6654.

**Nash:2010:CID**

[NG10] Nicholas Nash and David Gregg. Comparing integer data structures for 32- and 64-bit keys. *ACM Journal of Experimental Algorithmics*, 15(1):2.4:1–2.4:??, March 2010. CODEN 2010 ISSN 1084-6654.

**Netto:2022:SSA**

[NG22] Marcelo Vaz Netto and Sahudy Montenegro González. SSLC: a search algorithm based on linear collisions and Poisson probability distribution. *ACM Journal of Experimental Algorithmics*, 27(1):1.4:1–1.4:??, 2022. CODEN 2022 ISSN 1084-6654. URL <https://dl.acm.org/doi/10.1145/3497876>.

**Nikoletseas:2006:JSS**

- [Nik06] Sotiris Nikoletseas. JEA Special Section. *ACM Journal of Experimental Algorithmics*, 11:2.1:1–2.1:??, 2006. CODEN 2006 ISSN 1084-6654.

**Nunes:2022:GCI**

- [NLG<sup>+</sup>22] Daniel S. N. Nunes, Felipe A. Louza, Simon Gog, Mauricio Ayala-Rincón, and Gonzalo Navarro. Grammar compression by induced suffix sorting. *ACM Journal of Experimental Algorithmics*, 27(1):1.1:1–1.1:??, 2022. CODEN 2022 ISSN 1084-6654. URL <https://dl.acm.org/doi/10.1145/3549992>.

**Navarro:2016:FCS**

- [NP16] Gonzalo Navarro and Alberto Ordóñez Pereira. Faster compressed suffix trees for repetitive collections. *ACM Journal of Experimental Algorithmics*, 21(1):1.8:1–1.8:??, November 2016. CODEN 2016 ISSN 1084-6654.

**Nadara:2019:EEA**

- [NPR<sup>+</sup>19] Wojciech Nadara, Marcin Pilipczuk, Roman Rabinovich, Felix Reidl, and Sebastian Siebertz. Empirical evaluation of approximation algorithms for generalized graph coloring and uniform quasi-wideness. *ACM Journal of Experimental Algorithmics*, 24(2):2.6:1–2.6:??, December 2019. CODEN 2019 ISSN 1084-6654.

**Negrucseri:2011:SMF**

- [NPS<sup>+</sup>11] Cosmin Silvestru Negrucseri, Mircea Bogdan Pacsosi, Barbara Stanley, Clifford Stein, and Cristian George Strat. Solving maximum flow problems on real-world bipartite graphs. *ACM Journal of Experimental Algorithmics*, 16(1):35:1–35:??, 2011. CODEN 2011 ISSN 1084-6654.

**Navarro:2015:GDR**

- [NPV15] Gonzalo Navarro, Simon J. Puglisi, and Daniel Valenzuela. General document retrieval in compact space. *ACM Journal of Experimental Algorithmics*, 19(??):2.3:1–2.3:??, February 2015. CODEN 2015 ISSN 1084-6654.

**Navarro:2000:FFS**

- [NR00] Gonzalo Navarro and Mathieu Raffinot. Fast and flexible string matching by combining bit-parallelism and suffix automata. *ACM Journal of Experimental Algorithmics*, 5:4:1–4:??, 2000. CODEN 2000 ISSN 1084-6654.

- [NR08] **Navarro:2008:DSA**  
Gonzalo Navarro and Nora Reyes. Dynamic spatial approximation trees. *ACM Journal of Experimental Algorithmics*, 12:1.5:1–1.5:??, June 2008. CODEN ???? ISSN 1084-6654.
- [NTB05] **Nikolov:2005:SEH**  
Nikola S. Nikolov, Alexandre Tarassov, and Jürgen Branke. In search for efficient heuristics for minimum-width graph layering with consideration of dummy nodes. *ACM Journal of Experimental Algorithmics*, 10:2.7:1–2.7:??, ???? 2005. CODEN ???? ISSN 1084-6654.
- [NW13] **Nagarajan:2013:EEI**  
Chandrashekhar Nagarajan and David P. Williamson. An experimental evaluation of incremental and hierarchical  $k$ -median algorithms. *ACM Journal of Experimental Algorithmics*, 18(??):3.2:1–3.2:??, December 2013. CODEN ???? ISSN 1084-6654.
- [NZ01] **Narasimhan:2001:GMS**  
Giri Narasimhan and Martin Zachariassen. Geometric minimum spanning trees via well-separated pair decompositions. *ACM Journal of Experimental Algorithmics*, 6:6:1–6:??, ???? 2001. CODEN ???? ISSN 1084-6654.
- [PC18] **Polischchuk:2018:EAS**  
Valentin Polischchuk and Vijaya Ramachandran / Rezaul A. Chowdhury. Editorial: ALENEX 2017 special issue. *ACM Journal of Experimental Algorithmics*, 23(??):2.1:1–2.1:??, 2018. CODEN ???? ISSN 1084-6654.
- [PCJ97] **Purchase:1997:ESB**  
H. C. Purchase, R. F. Cohen, and M. I. James. An experimental study of the basis for graph drawing algorithms. *ACM Journal of Experimental Algorithmics*, 2:4:1–4:??, ???? 1997. CODEN ???? ISSN 1084-6654.
- [Pet03] **Petit:2003:EML**  
Jordi Petit. Experiments on the minimum linear arrangement problem. *ACM Journal of Experimental Algorithmics*, 8:2.3:1–2.3:??, ???? 2003. CODEN ???? ISSN 1084-6654.
- [PF08] **Pellegrini:2008:EIT**  
Marco Pellegrini and Giordano Fusco. Efficient IP table lookup via adaptive stratified trees with selective reconstructions. *ACM*



*Journal of Experimental Algorithmics*, 12:1.4:1–1.4:??, June 2008. CODEN ????? ISSN 1084-6654.

**Paudel:2018:CCN**

- [PGI18] Nilakantha Paudel, Loukas Georgiadis, and Giuseppe F. Italiano. Computing critical nodes in directed graphs. *ACM Journal of Experimental Algorithmics*, 23(??):2.2:1–2.2:??, 2018. CODEN ????? ISSN 1084-6654.

**Pearce:2006:DTS**

- [PK06] David J. Pearce and Paul H. J. Kelly. A dynamic topological sort algorithm for directed acyclic graphs. *ACM Journal of Experimental Algorithmics*, 11:1.7:1–1.7:??, ????? 2006. CODEN ????? ISSN 1084-6654.

**Penner:2006:CFI**

- [PP06] Michael Penner and Viktor K. Prasanna. Cache-friendly implementations of transitive closure. *ACM Journal of Experimental Algorithmics*, 11:1.3:1–1.3:??, ????? 2006. CODEN ????? ISSN 1084-6654.

**Peethambaran:2016:ESR**

- [PPM16] Jiju Peethambaran, Amal Dev Parakkat, and Ramanathan Muthuganapathy. An empirical study on randomized optimal area polygonization of planar point sets. *ACM Journal of Experimental Algorithmics*, 21(1):1.10:1–1.10:??, November 2016. CODEN ????? ISSN 1084-6654.

**Pemmaraju:2005:AIC**

- [PPR05] Sriram V. Pemmaraju, Sriram Penumatcha, and Rajiv Raman. Approximating interval coloring and max-coloring in chordal graphs. *ACM Journal of Experimental Algorithmics*, 10:2.8:1–2.8:??, ????? 2005. CODEN ????? ISSN 1084-6654.

**Panagopoulou:2006:APN**

- [PS06] Panagiota N. Panagopoulou and Paul G. Spirakis. Algorithms for pure Nash equilibria in weighted congestion games. *ACM Journal of Experimental Algorithmics*, 11:2.7:1–2.7:??, ????? 2006. CODEN ????? ISSN 1084-6654.

**Putze:2009:CHS**

- [PSS09] Felix Putze, Peter Sanders, and Johannes Singler. Cache-, hash-, and space-efficient Bloom filters. *ACM Journal of Experimental Algorithmics*, 14(1):4:1–4:??, December 2009. CODEN ????? ISSN 1084-6654.

- Pyrga:2008:EMT**
- [PSWZ08] Evangelia Pyrga, Frank Schulz, Dorothea Wagner, and Christos Zaroliagis. Efficient models for timetable information in public transportation systems. *ACM Journal of Experimental Algorithmics*, 12:2.4:1–2.4:??, June 2008. CODEN ???? ISSN 1084-6654.
- Prosser:2011:LDS**
- [PU11] Patrick Prosser and Chris Unsworth. Limited discrepancy search revisited. *ACM Journal of Experimental Algorithmics*, 16(1):16:1–16:??, 2011. CODEN ???? ISSN 1084-6654.
- Poloczek:2017:EEF**
- [PW17] Matthias Poloczek and David P. Williamson. An experimental evaluation of fast approximation algorithms for the maximum satisfiability problem. *ACM Journal of Experimental Algorithmics*, 22(??):1.6:1–1.6:??, 2017. CODEN ???? ISSN 1084-6654.
- Qiu:2021:EER**
- [QSL<sup>+</sup>21] Zirou Qiu, Ruslan Shaydulin, Xiaoyuan Liu, Yuri Alexeev, Christopher S. Henry, and Ilya Safro. ELRUNA: Elimination rule-based network alignment. *ACM Journal of Experimental Algorithmics*, 26(1):1–32, December 2021. CODEN ???? ISSN 1084-6654. URL <https://dl.acm.org/doi/10.1145/3450703>.
- Radzik:1998:IDT**
- [Rad98] Tomasz Radzik. Implementation of dynamic trees with in-subtree operations. *ACM Journal of Experimental Algorithmics*, 3:9:1–9:??, ???? 1998. CODEN ???? ISSN 1084-6654.
- Reams:2012:AFD**
- [Rea12] Charles Reams. Anatrete: a fast data structure for anagrams. *ACM Journal of Experimental Algorithmics*, 17(1):1.1:1–1.1:??, March 2012. CODEN ???? ISSN 1084-6654.
- Ribeiro:2005:P**
- [RM05] Celso C. Ribeiro and Simone L. Martins. Preface. *ACM Journal of Experimental Algorithmics*, 10:2.1:1–2.1:??, ???? 2005. CODEN ???? ISSN 1084-6654.
- Rosenbrock:2016:NAP**
- [RMH<sup>+</sup>16] Conrad W. Rosenbrock, Wiley S. Morgan, Gus L. W. Hart, Stefano Curtarolo, and Rodney W. Forcade. Numerical algorithm

for Pólya enumeration theorem. *ACM Journal of Experimental Algorithmics*, 21(1):1.11:1–1.11:??, November 2016. CODEN ???? ISSN 1084-6654.

**Rotta:2011:MLS**

- [RN11] Randolf Rotta and Andreas Noack. Multilevel local search algorithms for modularity clustering. *ACM Journal of Experimental Algorithmics*, 16(1):23:1–23:??, 2011. CODEN ???? ISSN 1084-6654.

**Rahman:2000:ACE**

- [RR00] Naila Rahman and Rajeev Raman. Analysing cache effects in distribution sorting. *ACM Journal of Experimental Algorithmics*, 5:14:1–14:??, ???? 2000. CODEN ???? ISSN 1084-6654.

**Rahman:2001:ARS**

- [RR01] Naila Rahman and Rajeev Raman. Adapting radix sort to the memory hierarchy. *ACM Journal of Experimental Algorithmics*, 6:7:1–7:??, ???? 2001. CODEN ???? ISSN 1084-6654.

**Radermacher:2019:GHR**

- [RRRW19] Marcel Radermacher, Klara Reichard, Ignaz Rutter, and Dorothea Wagner. Geometric heuristics for rectilinear crossing minimization. *ACM Journal of Experimental Algorithmics*, 24(1):1.12:1–1.12:??, October 2019. CODEN ???? ISSN 1084-6654. URL [https://dl.acm.org/ft\\_gateway.cfm?id=3325861](https://dl.acm.org/ft_gateway.cfm?id=3325861).

**Raman:2008:P**

- [RS08] Rajeev Raman and Matt Stallmann. Preface. *ACM Journal of Experimental Algorithmics*, 13:1:1–1:??, September 2008. CODEN ???? ISSN 1084-6654.

**Robinson:2018:AHP**

- [RVHE18] Jeffrey A. Robinson, Susan V. Vrbsky, Xiaoyan Hong, and Brian P. Eddy. Analysis of a high-performance TSP solver on the GPU. *ACM Journal of Experimental Algorithmics*, 23(??):1.1:1–1.1:??, 2018. CODEN ???? ISSN 1084-6654.

**Serna:2009:PSS**

- [SÁ09] Maria Serna and Carme Álvarez. Preface to special section of selected papers from WEA 2006. *ACM Journal of Experimental Algorithmics*, 14(1):1:1–1:??, December 2009. CODEN ???? ISSN 1084-6654.

**Sanders:2000:FPQ**

- [San00] Peter Sanders. Fast priority queues for cached memory. *ACM Journal of Experimental Algorithmics*, 5:7:1–7:??, ????. 2000. CODEN ????. ISSN 1084-6654.

**Stallmann:2001:HES**

- [SBG01] Matthias Stallmann, Franc Brglez, and Debabrata Ghosh. Heuristics, experimental subjects, and treatment evaluation in bigraph crossing minimization. *ACM Journal of Experimental Algorithmics*, 6:8:1–8:??, ????. 2001. CODEN ????. ISSN 1084-6654.

**Sieranoja:2018:CHD**

- [SF18] Sami Sieranoja and Pasi Fränti. Constructing a high-dimensional  $k$  NN-graph using a  $Z$ -order curve. *ACM Journal of Experimental Algorithmics*, 23(??):1.9:1–1.9:??, 2018. CODEN ????. ISSN 1084-6654.

**Stones:2020:CAG**

- [SFKM20] Rebecca J. Stones, Raúl M. Falcón, Daniel Kotlar, and Trent G. Marbach. Computing autotopism groups of partial Latin rectangles. *ACM Journal of Experimental Algorithmics*, 25(1):1–39, April 2020. CODEN ????. ISSN 1084-6654. URL <https://dl.acm.org/doi/10.1145/3412324>.

**Smith:1997:EHF**

- [SHA97] Bradley J. Smith, Gregory L. Heileman, and Chaouki Abdallah. The exponential hash function. *ACM Journal of Experimental Algorithmics*, 2:3:1–3:??, ????. 1997. CODEN ????. ISSN 1084-6654.

**Schlag:2022:HQH**

- [SHG<sup>+</sup>22] Sebastian Schlag, Tobias Heuer, Lars Gottesbüren, Yaroslav Akhremtsev, Christian Schulz, and Peter Sanders. High-quality hypergraph partitioning. *ACM Journal of Experimental Algorithmics*, 27(1):1.9:1–1.9:??, 2022. CODEN ????. ISSN 1084-6654. URL <https://dl.acm.org/doi/10.1145/3529090>.

**Shibuya:2000:CSP**

- [Shi00] Tetsuo Shibuya. Computing the  $n \times m$  shortest path efficiently. *ACM Journal of Experimental Algorithmics*, 5:9:1–9:??, ????. 2000. CODEN ????. ISSN 1084-6654.

**Swenson:2008:ATE**

- [SMEDM08] Krister M. Swenson, Mark Marron, Joel V. Earnest-Deyoung, and Bernard M. E. Moret. Approximating the true evolutionary distance between two genomes. *ACM Journal of Experimental Algorithmics*, 12:3.5:1–3.5:??, June 2008. CODEN ???? ISSN 1084-6654.

**Santos:2005:TSH**

- [SOS05] Haroldo G. Santos, Luiz S. Ochi, and Marcone J. F. Souza. A Tabu search heuristic with efficient diversification strategies for the class/teacher timetabling problem. *ACM Journal of Experimental Algorithmics*, 10:2.9:1–2.9:??, ???? 2005. CODEN ???? ISSN 1084-6654.

**Spence:2010:SGS**

- [Spe10] Ivor Spence. **sgen1**: a generator of small but difficult satisfiability benchmarks. *ACM Journal of Experimental Algorithmics*, 15(1):1.2:1–1.2:??, March 2010. CODEN ???? ISSN 1084-6654.

**Spence:2015:WCC**

- [Spe15] Ivor Spence. Weakening cardinality constraints creates harder satisfiability benchmarks. *ACM Journal of Experimental Algorithmics*, 20(?):1.4:1–1.4:??, 2015. CODEN ???? ISSN 1084-6654.

**Safro:2008:MAL**

- [SRB08] Ilya Safro, Dorit Ron, and Achi Brandt. Multilevel algorithms for linear ordering problems. *ACM Journal of Experimental Algorithmics*, 13:4:1–4:??, September 2008. CODEN ???? ISSN 1084-6654.

**Schidler:2023:SBT**

- [SS23] André Schidler and Stefan Szeider. SAT-boosted tabu search for coloring massive graphs. *ACM Journal of Experimental Algorithmics*, 28:1.5:1–1.5:??, 2023. CODEN ???? ISSN 1084-6654. URL <https://dl.acm.org/doi/10.1145/3603112>.

**Schwerdt:1999:CWT**

- [SSMJ99] J. Schwerdt, M. Smid, J. Majhi, and R. Janardan. Computing the width of a three-dimensional point set: an experimental study. *ACM Journal of Experimental Algorithmics*, 4:8:1–8:??, ???? 1999. CODEN ???? ISSN 1084-6654.

**Safro:2015:ACS**

- [SSS15] Ilya Safro, Peter Sanders, and Christian Schulz. Advanced coarsening schemes for graph partitioning. *ACM Journal of Experimental Algorithmics*, 19(??):2.2:1–2.2:??, February 2015. CODEN ???? ISSN 1084-6654.

**Schlag:2021:FSV**

- [SSS21] Sebastian Schlag, Matthias Schmitt, and Christian Schulz. Faster support vector machines. *ACM Journal of Experimental Algorithmics*, 26(1):15:1–15:21, December 2021. CODEN ???? ISSN 1084-6654. URL <https://dl.acm.org/doi/10.1145/3484730>.

**Salmela:2006:MSM**

- [STK06] Leena Salmela, Jorma Tarhio, and Jari Kytöjoki. Multipattern string matching with  $q$ -grams. *ACM Journal of Experimental Algorithmics*, 11:1.1:1–1.1:??, ???? 2006. CODEN ???? ISSN 1084-6654.

**Stoichev:2019:NEH**

- [Sto19] Stoicho D. Stoichev. New exact and heuristic algorithms for graph automorphism group and graph isomorphism. *ACM Journal of Experimental Algorithmics*, 24(1):1.15:1–1.15:??, October 2019. CODEN ???? ISSN 1084-6654. URL [https://dl.acm.org/ft\\_gateway.cfm?id=3333250](https://dl.acm.org/ft_gateway.cfm?id=3333250).

**Sinha:2010:EBT**

- [SW10] Ranjan Sinha and Anthony Wirth. Engineering burstersort: Toward fast in-place string sorting. *ACM Journal of Experimental Algorithmics*, 15(1):2.5:1–2.5:??, March 2010. CODEN ???? ISSN 1084-6654.

**Schulz:2000:DAL**

- [SWW00] Frank Schulz, Dorothea Wagner, and Karsten Weihe. Dijkstra’s algorithm on-line: an empirical case study from public railroad transport. *ACM Journal of Experimental Algorithmics*, 5:12:1–12:??, ???? 2000. CODEN ???? ISSN 1084-6654.

**Sinha:2004:CCS**

- [SZ04] Ranjan Sinha and Justin Zobel. Cache-conscious sorting of large sets of strings with dynamic tries. *ACM Journal of Experimental Algorithmics*, 9:1.5:1–1.5:??, ???? 2004. CODEN ???? ISSN 1084-6654.

**Sinha:2005:URS**

- [SZ05] Ranjan Sinha and Justin Zobel. Using random sampling to build approximate tries for efficient string sorting. *ACM Journal of Experimental Algorithmics*, 10:2.10:1–2.10:??, ??? 2005. CODEN ??? ISSN 1084-6654.

**Sanders:2016:ISI**

- [SZ16a] Peter Sanders and Norbert Zeh. Introduction to special issue ALENEX 2013. *ACM Journal of Experimental Algorithmics*, 21(1):2.1:1–2.1:??, November 2016. CODEN ??? ISSN 1084-6654.

**Sanders:2017:ISI**

- [SZ16b] Peter Sanders and Norbert Zeh. Introduction to special issue ALENEX 2013. *ACM Journal of Experimental Algorithmics*, 21(1):2.1:1–2.1:??, 2016. CODEN ??? ISSN 1084-6654.

**Sinha:2006:CES**

- [SZR06] Ranjan Sinha, Justin Zobel, and David Ring. Cache-efficient string sorting using copying. *ACM Journal of Experimental Algorithmics*, 11:1.2:1–1.2:??, ??? 2006. CODEN ??? ISSN 1084-6654.

**Tazari:2011:DLH**

- [TMH11] Siamak Tazari and Matthias Müller-Hannemann. Dealing with large hidden constants: engineering a Planar Steiner Tree (PTAS). *ACM Journal of Experimental Algorithmics*, 16(1):36:1–36:??, 2011. CODEN ??? ISSN 1084-6654.

**Tsourakakis:2011:AAS**

- [TPT<sup>+</sup>11] Charalampos E. Tsourakakis, Richard Peng, Maria A. Tsiarli, Gary L. Miller, and Russell Schwartz. Approximation algorithms for speeding up dynamic programming and denoising aCGH data. *ACM Journal of Experimental Algorithmics*, 16(1):18:1–18:??, 2011. CODEN ??? ISSN 1084-6654.

**Tabourier:2011:GCR**

- [TRC11] Lionel Tabourier, Camille Roth, and Jean-Philippe Cointet. Generating constrained random graphs using multiple edge switches. *ACM Journal of Experimental Algorithmics*, 16(1):17:1–17:??, 2011. CODEN ??? ISSN 1084-6654.

**Toda:2016:IEA**

- [TS16] Takahisa Toda and Takehide Soh. Implementing efficient all solutions SAT solvers. *ACM Journal of Experimental Algorithmics*, 21(1):1.12:1–1.12:??, November 2016. CODEN ???? ISSN 1084-6654.

**Tsirogiannis:2018:CEV**

- [TSP18] Constantinos Tsirogiannis, Frank Staals, and Vincent Pellissier. Computing the expected value and variance of geometric measures. *ACM Journal of Experimental Algorithmics*, 23(??):2.4:1–2.4:??, 2018. CODEN ???? ISSN 1084-6654.

**Tarjan:2009:DTP**

- [TW09] Robert E. Tarjan and Renato F. Werneck. Dynamic trees in practice. *ACM Journal of Experimental Algorithmics*, 14(1):5:1–5:??, December 2009. CODEN ???? ISSN 1084-6654.

**Ullmann:2010:BVA**

- [Ull10] Julian R. Ullmann. Bit-vector algorithms for binary constraint satisfaction and subgraph isomorphism. *ACM Journal of Experimental Algorithmics*, 15(1):16:1–16:??, March 2010. CODEN ???? ISSN 1084-6654.

**Ullmann:2015:DRL**

- [Ull15] Julian R. Ullmann. Degree reduction in labeled graph retrieval. *ACM Journal of Experimental Algorithmics*, 20(??):1.3:1–1.3:??, 2015. CODEN ???? ISSN 1084-6654.

**Vahrenhold:2011:P**

- [Vah11] Jan Vahrenhold. Preface. *ACM Journal of Experimental Algorithmics*, 16(1):21:1–21:??, 2011. CODEN ???? ISSN 1084-6654.

**Vella:2018:DMF**

- [VBC18] Flavio Vella, Massimo Bernaschi, and Giancarlo Carbone. Dynamic merging of frontiers for accelerating the evaluation of betweenness centrality. *ACM Journal of Experimental Algorithmics*, 23(??):1.4:1–1.4:??, 2018. CODEN ???? ISSN 1084-6654.

**vander:2022:SKR**

- [vdBG<sup>+</sup>22] Alexander Grinten van der, Elisabetta Bergamini, Oded Green, David A. Bader, and Henning Meyerhenke. Scalable Katz ranking computation in large static and dynamic graphs. *ACM Jour-*



*nal of Experimental Algorithmics*, 27(1):1.7:1–1.7:??, 2022. CODEN ???? ISSN 1084-6654. URL <https://dl.acm.org/doi/10.1145/3524615>.

**Vahrenhold:2002:PPL**

- [VH02] Jan Vahrenhold and Klaus H. Hinrichs. Planar point location for large data sets: to seek or not to seek. *ACM Journal of Experimental Algorithmics*, 7:8, ???? 2002. CODEN ???? ISSN 1084-6654.

**VonLooz:2018:UDR**

- [VM18] Moritz Von Looz and Henning Meyerhenke. Updating dynamic random hyperbolic graphs in sublinear time. *ACM Journal of Experimental Algorithmics*, 23(??):1.6:1–1.6:??, 2018. CODEN ???? ISSN 1084-6654.

**Valimäki:2009:ECS**

- [VMGD09] N. Välimäki, V. Mäkinen, W. Gerlach, and K. Dixit. Engineering a compressed suffix tree implementation. *ACM Journal of Experimental Algorithmics*, 14(1):2:1–2:??, December 2009. CODEN ???? ISSN 1084-6654.

**Venkataraman:2003:BAP**

- [VSM03] Gayathri Venkataraman, Sartaj Sahni, and Srabani Mukhopadhyaya. A blocked all-pairs shortest-paths algorithm. *ACM Journal of Experimental Algorithmics*, 8:2.2:1–2.2:??, ???? 2003. CODEN ???? ISSN 1084-6654.

**Vishkin:2000:ELR**

- [VV00] Dascal Vishkin and Uzi Vishkin. Experiments with list ranking for explicit multi-threaded (XMT) instruction parallelism. *ACM Journal of Experimental Algorithmics*, 5:10:1–10:??, ???? 2000. CODEN ???? ISSN 1084-6654.

**Wickremesinghe:2002:ESU**

- [WACV02] Rajiv Wickremesinghe, Lars Arge, Jeffrey S. Chase, and Jeffrey Scott Vitter. Efficient sorting using registers and caches. *ACM Journal of Experimental Algorithmics*, 7:9, ???? 2002. CODEN ???? ISSN 1084-6654.

**Wang:2011:CEM**

- [WEM11] Bei Wang, Herbert Edelsbrunner, and Dmitriy Morozov. Computing elevation maxima by searching the Gauss sphere. *ACM Journal of Experimental Algorithmics*, 16(1):22:1–22:??, 2011. CODEN ???? ISSN 1084-6654.

**Werneck:2000:FMC**

- [WSdC00] Renato Werneck, João Setubal, and Arlindo da Conceição. Finding minimum congestion spanning trees. *ACM Journal of Experimental Algorithmics*, 5:11:1–11:??, ????. 2000. CODEN ????. ISSN 1084-6654.

**Wagner:2005:GCE**

- [WWZ05] Dorothea Wagner, Thomas Willhalm, and Christos Zaroliagis. Geometric containers for efficient shortest-path computation. *ACM Journal of Experimental Algorithmics*, 10:1.3:1–1.3:??, ????. 2005. CODEN ????. ISSN 1084-6654.

**Xiao:2000:IMP**

- [XZK00] Li Xiao, Xiaodong Zhang, and Stefan A. Kubricht. Improving memory performance of sorting algorithms. *ACM Journal of Experimental Algorithmics*, 5:3:1–3:??, ????. 2000. CODEN ????. ISSN 1084-6654.

**Yasar:2022:SRP**

- [YBA<sup>+</sup>22] Abdurrahman Yaşar, Muhammed Fatih Balin, Xiaojing An, Kaan Sancak, and Ümit V. Çatalyürek. On symmetric rectilinear partitioning. *ACM Journal of Experimental Algorithmics*, 27(1):1.2:1–1.2:??, 2022. CODEN ????. ISSN 1084-6654. URL <https://dl.acm.org/doi/10.1145/3523750>.

**Yan:1998:LBE**

- [YZ98] Yong Yan and Xiaodong Zhang. Lock bypassing: an efficient algorithm for concurrently accessing priority heaps. *ACM Journal of Experimental Algorithmics*, 3:3:1–3:??, ????. 1998. CODEN ????. ISSN 1084-6654.

**Zaroliagis:2019:EES**

- [Zar19] Christos Zaroliagis. Editorial — ESA 2016 special issue. *ACM Journal of Experimental Algorithmics*, 24(1):1.1:1–1.1:??, October 2019. CODEN ????. ISSN 1084-6654. URL [https://dl.acm.org/ft\\_gateway.cfm?id=3298788](https://dl.acm.org/ft_gateway.cfm?id=3298788).

**Ziobro:2019:FHC**

- [ZP19] Michał Ziobro and Marcin Pilipczuk. Finding Hamiltonian cycle in graphs of bounded treewidth: Experimental evaluation. *ACM Journal of Experimental Algorithmics*, 24(2):2.7:1–2.7:18, December 2019. CODEN ????. ISSN 1084-6654.