A Complete Bibliography of *ACM Transactions on Algorithms*

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

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

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

04 July 2024
Version 1.59

Title word cross-reference

$(2 + \epsilon)$ [PS19]. (α, β) [BKMP10]. $(\Delta + 1)$ [BGK+22, HP22]. (h, k) [BEJK19]. (k, l) [BDR23]. (k, r) [DFHT05]. $(\min, +)$ [CMWW19]. $(n - 1)$ [RW10a]. (s, t) [BBP23]. 1 [KN16]. $1 - 1/e$ [HTWZ19]. 1.5 [KN16]. 1/3 [DFM23]. 2 [ERV16, Fuj12, GS17, GILP16, HCT+11, HVV19, KN16, LMM+21, SS18]. $2 + \epsilon$ [AGLW18]. 2.5545 [HCT+11]. 3 [CLL+12, FLL+19, Heg06]. 4/3 [HVV19]. $4k^2$ [Tho10a, Tho10b]. β [ADGH21]. ℓ_1 [WW22]. ℓ_p [Wei22]. F [ALM+20]. H [BCSV20, VWY10]. K [DM09, BBB20, ABF+18, AMS06, BHW20, BEKN23, BPR+17, CGK20, Cha10b, CV20, CMVZ16, DKR16, DKN17, FHR07, FN10, FPZ23, FGK+24b, GIN+17, GHNR10a, GHNR10b, GWZ21, HHL+16, HMS07, Laf23, Lev09, Li17, LN22, LBSZ21, PT16, RT22, RRS07, RZ12, SST22, WZ16]. k/r [GWZ21]. L [GGI+21]. l_1 [BDW19]. M [HIMŽ19]. n [RW10a]. $n^{0.4}$ [BCAD23]. $n^{4/3}$ [Bon22]. $O(1)$ [BGK+22]. $O(\log k)$ [ACER19]. $O(\log n)$ [KK13]. $o(mn)$ [Cha12]. $O(n^2)$ [BS06a]. $O(n^{2.75})$ [AFM08]. $O(n^3)$ [GT08].

$O(n \log^2 n)$ [KMW10]. $O(n \log n)$ [BKM09b, BKM09a]. $O(nm)$ [CMA+19, KMMP07]. $o(\sqrt{\log n})$ [PS23]. $O(VE)$ [DC05]. $O^\star(2.7k)$ [LN22]. P_3 [LPS24]. P_6 [GKPP22, LPV18]. r [GWZ21]. $s - t$ [CLS+22]. st [BSWN15, KW16b]. t [DP06].

-apices [SST22]. **-Approximate** [DFM23]. **-Approximating** [LMM+21]. **-Approximation** [BCAD23, HVV19, KN16, PS19, Fuj12, KK13]. **-ary** [DP06, RRS07]. **-Center** [CGK20, BHW20, DFHT05]. **-clustering** [Lev09]. **-Coloring** [BGK+22, HP22]. **-Colorings** [BCSV20]. **-Competitive** [PS23, ACER19]. **-Convex** [HIMŽ19]. **-Convolution** [CMWW19, Cha20]. **-CSP** [GS17]. **-Cut** [BSWN15, FPZ23, KW16b]. **-cuts** [BBP23]. **-d** [DM09]. **-deletion** [ALM+20]. **-Dyck** [FGK+24b]. **-Edge** [GILP16, HVV19]. **-Facility** [ABF+18]. **-Forest** [DKN17, GHNR10a, GHNR10b]. **-free** [GKPP22, LPV18]. **-Heavy** [BDW19]. **-Hitting** [FLL+19]. **-Independence** [PT16]. **-Leaf** [Laf23]. **-Means** [BBB20]. **-Median** [BDR23, BPR+17, HHL+16, Li17]. **-Opt** [ERV16]. **-packings** [GGI+21, LPS24]. **-Path** [GWZ21]. **-Paths** [LBSZ21]. **-permutations** [RW10a]. **-Plurality** [ADGH21]. **-restrictions** [AMS06]. **-Route** [CMVZ16]. **-Server** [BEJK19, BEKN23, CV20, FN10]. **-Set** [FLL+19, Cha10b, RW10a]. **-shredders** [Heg06]. **-Simple** [GWZ21]. **-Spanner** [DKR16]. **-spanners** [BKMP10]. **-subgraphs** [VWY10]. **-Submodular** [WZ16]. **-time** [KMW10]. **-traveling** [FHR07]. **-Walks** [SS18].

0.8776-Approximation [ABG16].

1-center [YLW08]. **1-median** [YLW08].

2-gathering [SZ10]. **2002** [Epp07]. **2007** [Gab09]. **2008** [HT10]. **2016** [BGN+18]. **2017** [MWY19]. **2019** [HK22]. **2020** [KADK22]. **2022** [DMT24].

3-approximation [BPGN09]. **3SUM** [Cha20]. **3SUM-hard** [Cha20].

4-leaf [BLS08].

above [LPS24]. **Access** [ARS+14, BJKK18, CKR12, ELMR21]. **accesses** [CFLM07]. **Achieving** [APF+10]. **ACM** [BGN+18, DMT24, HK22, KADK22]. **ACM-SIAM** [BGN+18, DMT24, HK22, KADK22]. **Activation** [Fuk17]. **Acyclic** [HHM+18]. **Ad** [KMPS16]. **Adaptive** [BPL18, CW16, GM12, MPV10]. **Addendum** [GT16a]. **Adder** [BH19, HS18]. **Adding** [GW22]. **Additive** [BKMP10, BW21, PZ24, RS11a]. **Adjustable** [DEK21]. **Adjusting** [Elm17]. **Admission** [AAG09]. **Admit** [LT24]. **Admits** [PS23]. **Adversarial** [CKR12, NE19, CDHW09]. **adversary** [AC10]. **Advertising** [AFH+16]. **Advice** [BFKR21, GP19]. **Affine** [VZ21, GMT11]. **Agents** [DP14].

aggregation [BMSV+09]. **Agnostic** [Wim16]. **agreeable** [JLSS12]. **agreement** [KKK+10]. **Algebraic** [AK18, CLL14, Vig14]. **Algebras** [KW16a]. **Algorithm** [ACER19, AFS18, AKS17, AKLR20, AER15, BKMV20, BDW19, BLS23, BFPP18, BKN21, CMA+19, CLL+12, CMV16, CJL17, CI17, CGMY22, DFM23, DKN17, DS19, ERV16, FPS22, FGK+16, FGK+24b, GKPP22, HHL+16, Hir19, HU20, HVV19, KKK18, KK13, KK16, KKR+20, KN16, MMS14, PRS20, PS23, AFM08, And10, AMM07, AR06, BB09, Blä08, BS10, BD11, CCKR11, DC05, CCM10, CKS05, Cla10, CNP+11, DMRW09, DS08, Dji10, DV10, EK07, EPR10, EFKN09, Fuj12, HMS07, IM12, JZ06, KY13, Kau07, KMW10, RW09, VH05]. **Algorithmic** [AMS06, BCFN07, GIKW19, HS17, PSZ24]. **Algorithms** [ASW08, ALM+20, ABF+18, AMW20, AMNS17, AKS21, ACE+23, AFK+18, BGGN16, BBHT17, BKN14, BEKN23, BODD+20, BGH19, BR14, BGN+18, BBM19, BF24, BBT12, BCMSM12, Bre23, BSSX20, BF18, CHA18, Cab19, CFRY22, CLL14, CV20, CFM21, CMVZ16, CDHW09, CMY11, CDP19, DMT24, DGM18, DHK16, DH18, DPS18, EFM+16, EW20, EN19, EHL+18, ELR+08, FLN14, FLK+20, FLPR12, GMP23a, GMP23b, GS17, GKM16, GHH22, GLLZ21, HH17, HKKK16, HT21, Har18, Har21, HL13, HK22, ISG07, JPS22, JCCW22, KADK22, KLP+16a, KBNvL20, KX19, KLP16b, KMPS16, Lac13, LNR+14, LMS18, LRS18, LPS+20, MV15, MP22, NS16, RS17, SST22, SHHA16, Swa16, AAK06, AMR09, AF07, AA14, AR09, AGvS13, AKL10, AKR12, BCD12, BKS12, BAT11, BFK+12, BCM11, BF07, CPR+11, CMO+08]. **algorithms** [CMM09, CKP12, CJST07, DFHT05, DI06, DJP+12, EF12, Elk11, Epp06, FP10, FZ07, GS09, GKLT09, GKK+09, GHPT05, HSS07, Iba08, IMY10, JR05, KNS+07, MV08, MZ12, PU07, PR08, RSS06, SZ10, YLW08, CEGK11]. **All-Or-Nothing** [AFH+16]. **All-Pairs** [KT18, Cha12, RS11a, MTZ10]. **Allocation** [AKS17, PS16, CCKR11, GN14]. **Allocations** [AMNS17]. **Almost** [AL13, BLL+24, BDLP23, DH18, CPL12, Elk05, FKW11]. **Almost-Optimal** [BDLP23]. **Alphabet** [BN14]. **Alphabet-Independent** [BN14]. **Alternating** [NRS18]. **Alternation** [BK08]. **amid** [AFS18]. **amnesic** [GLPP08]. **among** [CW15, FKS08]. **Amortized** [GHT18]. **Analyses** [BF24]. **Analysis** [BBHT17, BCKM20, BKK+19, ERV16, ER17, FN20, GHPT05, SCRS17, WNN15, dBBJW21, AAY10, AR09, BK08, BAT11, DMM+12, DI06, DK12, EP05, Epp06, FBV09, GN14, GR10]. **analytic** [SSS+11]. **Analyzing** [CCW18]. **Anarchy** [GHLL16, DHMZ12]. **ancestor** [GRR06]. **Ancestors** [Gab17]. **annotated** [GGN06]. **Annotations** [CCMT14]. **anonymity** [APF+10]. **Anonymous** [DP14, GMP17, MPY22]. **any** [FKW11]. **apices** [SST22]. **Application** [AFH+16, ARS+14, Coh18]. **Applications** [AZBG+22, ACE+20, BR16, BFR23, CdM22, DEK21, DHK16, EK20, GIKW19, Hir19, HJT17, KMNS17, KW16a, LPS+20, PSZ24, Pre21, Swa16, AAY10, AG10, AZ08, BB08, DMM+12, FGPS08, FGGV06, FSP08, NW07, RRS07, VWY10]. **applied** [BM08]. **Approach** [BFGT16, BFH21, BFV22, Gab16, LMMW16, AAA+06, NW07, VB08]. **Approximability** [BG20, CGNS08]. **Approximate**

[AEP18, AC10, AFK+15, BS06a, BCHR20, BSSX20, CW16, DFM23, FJS14, GMP05, GLNS08, HLS07, LBSZ21, PP18, WY18, Wei22, AKR12, BFG09, CSTW12, Vis08]. **Approximately** [FGZ21]. **Approximating** [AAdFM22, BDR23, CKM+24, CLNV14, CDKL20, Das13, DKR16, FR10, GGI+21, GKK23, GJL12, GGG10, GJNW23, HLS09, KR16, LMM+21, LMMW16, MR09, Mar10, Nut09, Nut12, Oum08, RT13, WY16, Man12]. **Approximation** [Adj19, ALM+20, ABF+18, AMNS17, AKS21, AGLW18, ABG16, BR14, BHPR19, BKM15, BCAD23, BPR+17, CFM21, CMVZ16, DHK16, DKN17, EFM+16, FGL+20, FKRS19, GKK+09, HKKK16, HHL+16, HW19, HL13, HVV19, IMY10, JMR19, JS23, JR05, KK13, KK16, KN16, KW16b, KNS+07, MMS14, MV08, NHK08, PS19, Swa16, TY18, BFKS14, BKLP07, BPGN09, Blä08, BKM09a, BKM09b, CCKR11, CGR08, Cla10, DJP+12, DV10, EFKN09, Fuj12, HIMY07, JZ06, Joh06, Kar08, Kar09, LDX09, RS09, SS08a, VH05, CPR+11]. **Approximations** [ASS19, FIM+06, Jac11, LM11]. **APSP** [AGW23, BGMW20, CW21]. **arbitrarily** [And09]. **Arbitrary** [BCP13, EP12]. **Arborescence** [FLK+20, DV10]. **Arboricity** [ELR20]. **arc** [GGN06]. **arc-annotated** [GGN06]. **Archipelagos** [GRS17]. **architectures** [NW07]. **Arrangement** [TY18, NS10]. **Array** [OOB24]. **arrays** [FGGV06, LK08]. **Arrival** [BH19, LS20]. **Arrivals** [HTWZ19]. **Art** [BM20]. **ary** [DP06, RRS07]. **Ascending** [BGH19]. **Ascending-Price** [BGH19]. **Aspects** [HS17, BCFN07]. **Assembly** [CRTZ24]. **Assignment** [AFH+16, BH12, MMS14, MS17, Soc16, CNP+11, HLS09, Jac11, LM11]. **Asymmetric** [AKS21, Blä08]. **Asymptotic** [HJT17, SS08a]. **Asymptotically** [FV19, GIN+17, HS18]. **asynchronous** [KKK+10, KS08]. **asynchronously** [CPL12]. **Atomic** [FKS08, CKK10a]. **Attachment** [ELMR21]. **auctions** [BLW09]. **Augmentation** [Adj19, MV15, KKPW24, Nut09, VB08]. **Augmenting** [KN16, EFKN09]. **automata** [AKL10]. **automaton** [CFI+08]. **Average** [AR08a, AR09, BF24, RKH20, WNN15, IM12]. **Average-case** [AR08a, AR09, BF24]. **axis** [CKS09]. **axis-parallel** [CKS09].

B [FV16]. **B-Tree** [FV16]. **back** [LY08]. **Backbone** [HT21]. **backtracking** [Epp06]. **Balance** [ABG16]. **Balanced** [AG10, HST15, LY08, SYZ20]. **Balancing** [BHS14, BKK+19, EDKM07, GMP05]. **Balls** [DT16, AHPSW10]. **Bandwidth** [CP12, BCFN07, EK06]. **bandwidths** [PRV11]. **Barrier** [GS18]. **based** [ABHS22, AMM07, BBM19, Cha10a, GN14, HMS12, MMS14, PU07]. **bases** [MM09]. **Basic** [DKR16, VZ21]. **basis** [NS09]. **Batch** [LS20]. **Batch-arrival** [LS20]. **Batched** [AK18, AAY10]. **batching** [BNGK+09]. **Bayesian** [GM12]. **be** [BGMW20]. **Beating** [Adj19, HTWZ19]. **Beats** [BBM19]. **Behaved** [FV19]. **Being** [ABG16, FLM+12]. **Bend** [BRW16]. **Berlekamp** [KY13]. **best** [FFM12, PUW08]. **best-response** [FFM12]. **Better** [ABG16, BKN14, BT24, BW21, FG08, Kar09]. **between** [AGW23, CCDL16, MA16]. **Beyond**

[ABZ19, BGGS24, EHL+18, Har16, Li17, WZ16, ASS19, FGYZ22, PRS12]. **BFS** [PP16, PP18]. **Bi** [KR19]. **Bi-Monotonicity** [KR19]. **Bias** [Kav24]. **Biased** [ABG16, HSS22]. **bichromatic** [AAK06, Cha10b]. **Biclustering** [HL13]. **biconnected** [PS10]. **Bicriteria** [ABHS22, RS09, FN10]. **bidders** [BCC+10]. **Bidirected** [CFM21]. **bifamilies** [Nut12]. **Bimatrix** [DFM23]. **Bin** [EPR13, HCT+11, BNLT07, LK08]. **Binary** [FGL+20, HS18, HIMŽ19, STK16, BHMS11]. **Bipartite** [AKLR20, HTWZ19, Lau06, LM19, GKK10]. **bipartiteness** [Epp09c]. **Bipartization** [BLL+24]. **Bisection** [ABG16, SS09]. **Bit** [BH19]. **bits** [PR08]. **Bivariate** [MA16]. **Black** [AHRT05]. **block** [FZ07]. **Blocks** [Wal23]. **Bloom** [NE19]. **Boolean** [DHK16, FGYZ22, KKR19, Mas21]. **Bootstrapping** [FCFM09]. **Bottleneck** [AKS21, DS08]. **Bound** [AAdFM22, CRSS22, Kra14, Soc16, HCT+11]. **Bounded** [ACGP16, Adj19, BEJK19, BGGS24, Cab22, CDJS17, CDP19, ELR20, EFF+15, FMR24, GSV20, GNSW20, JS23, LMS18, PPSV18, SHHA16, BEH+10, BHKK12, Dji10, KK06, MR09, MZ12, OGGW10, PRS12, Svi10]. **Bounded-degree** [BGGS24, MR09]. **Bounded-Genus** [PPSV18]. **bounded-length** [KK06]. **Bounded-tree-width** [GNSW20]. **Bounding** [FGPS08]. **Bounds** [ACHKP21, ABHS22, BODD+20, BN15, BHD+21, BCK+20, CHGG+17, CDKL20, CGH17, DLS14, FMR24, HH17, Har19, JW13, KT18, SCRS17, WW22, WY18, AR08a, AGvS13, BD11, CGK+11, Cha10a, CV07, FGPS08, GHKS08, MSS11, PU07]. **box** [AHRT05]. **branch** [GT08]. **branch-decomposition** [GT08]. **Branching** [FPZ23]. **Branchings** [HHM+18]. **Breadth** [HKN17]. **Breadth-First** [HKN17]. **Breaking** [GS18]. **Broadcast** [BKN14, CEGK11, EK07, IM12]. **Brownian** [AZBG+22]. **Budget** [EFF+15, RS09]. **Budgeted** [BPR+17]. **Buffer** [AER15, CR18, AKM08, CJST07, GS09, RS11b]. **buffering** [LK08]. **Building** [RT22]. **Burden** [EMS23]. **buy** [BKLP07]. **Bypassing** [GRSW16]. **Byzantine** [KKK+10].

Cache [CR18, FV16, FLPR12]. **Cache-Efficient** [CR18]. **Cache-Oblivious** [CR18, FV16, FLPR12]. **Caching** [ACER19]. **Cake** [CF20, EP11, SHHA16]. **Campaigns** [AFH+16]. **Can** [BGMW20, BCM11]. **Cannot** [BGMW20]. **Cap** [Coh18]. **Capacitated** [JS23, Li17, MZ23, BH12, ELR+08, HKRL07, Hir19, JR05]. **Capacities** [Wan22, MV08]. **capacity** [AGG10]. **carpool** [CNP+11]. **Carry** [BH19, IP11]. **Cascading** [CZ24]. **Case** [CHL+20, FGL+19, WNN15, AR08a, AR09, ADHY08, BF24, CFK+07, CV07]. **Center** [CN19, CGK20, HPJ21, HPST19, ASW08, BHW20, DFHT05, YLW08]. **Center-Type** [HPST19]. **Centrality** [AGW23]. **centralized** [Elk11]. **Certification** [GT16a, GT16b]. **chairman** [CNP+11]. **changes** [CFH07]. **Channel** [BJKK18, CKR12, Soc16]. **channels** [AZ07]. **Checkpointing** [BODD+20]. **Cheeger** [KW16b]. **Cheeger-Type** [KW16b]. **Chordal**

[ALM+19, HSS07, Iba08]. **CIOQ** [AR06]. **Circuits** [BH19, FGLS19, HS18]. **circular** [NS10]. **Class** [HIMŽ19]. **Classes** [CDP19, KRS19, SST22, FP10, GKLT09]. **Classic** [dBBJW21]. **Classical** [BBHT17]. **Classification** [GLS10]. **Claus** [AFS12]. **Clique** [CDP19, FGL+19, GHK+24, HKP+18, Oum08]. **Clique-Width** [GHK+24, CDP19, FGL+19, Oum08]. **cliques** [II09]. **Clocks** [ANFS17]. **Clones** [BG20]. **Closed** [CMA+19, CEV21, SST22]. **closest** [AKS08]. **Closure** [Epp18, Rod08]. **Cluster** [LPS24]. **Clustering** [ABS10, BHW20, BDR23, FKRS19, GMP23b, GLS10, RKH20, ZO08, APF+10, CGK+11, Epp09b, EV10, Lev09]. **CNF** [CDL+16]. **CNF-SAT** [CDL+16]. **Co** [Kra14]. **Co-Nondeterminism** [Kra14]. **Coalescence** [KMTS23]. **Coalescing** [KMTS23]. **coalitions** [FKS08]. **code** [KL06]. **Codes** [MN18]. **Coding** [CLL+12]. **Coin** [BBHT17]. **Collapsing** [KR24]. **Collecting** [CJJ20, Fuk17, HKKN12]. **collections** [CHLS07]. **collective** [GLPP08]. **Color** [CLL+12]. **Colored** [EK20]. **Coloring** [BGK+22, CHL+20, FGL+19, HP22, SW20b, BNCS08, CKS09, DKT11, HKS11, PRV11, SS08a]. **Colorings** [BCSV20]. **Colors** [DLS14]. **Colouring** [GHH22]. **Column** [BSSX20, Joh05, Joh06, Joh07, Khu05, Khu06, Khu07]. **Column-sparse** [BSSX20]. **combination** [GHPT05]. **Combinatiorial** [EF12]. **Combinatorial** [AKS17, AAdFM22, BST08, CKM+24, FGPS08, GM12, BCN12, FP10]. **combinatorics** [SSS+11]. **Combined** [VZ21]. **Commitment** [EMS23]. **Common** [AW19, BCAD23, CMA+19, Gab17, CLLJ08, CKS05]. **Communication** [KLPP23, KR16]. **community** [ZO08]. **Compact** [AGM+08, BB08, KRX16, CSTW12]. **Compacting** [CKL+09]. **Comparison** [Cha10a]. **Comparison-based** [Cha10a]. **Comparisons** [AFHN16, CGMY22]. **Competitive** [ACER19, AKM08, AER15, BEKN23, BAT11, BCI+23, GR10, LMMW16, PS23]. **Complete** [CRTZ24]. **Completeness** [BG21, GIKW19, Joh05, Joh06, Joh07]. **Completion** [BFPP18, BCK+20, GLP06]. **Complexes** [BS18]. **Complexity** [AAdFM22, BCC21, BCK+20, BBB20, BK24, CKP+19, CBFWW15, CF20, Das13, DHM+14a, DHPR16, EMTG23, FGZ21, FMR24, GHK+24, GJLS17, KKR19, KR24, LM19, Mas21, PSZ24, dBBJW21, AK12a, BCMSM12, CEGK11, FLM+12]. **Component** [HKM+12]. **Components** [Lac13]. **Composition** [Neu22]. **Compositions** [Kra14]. **Compressed** [BN14, BGS23, BFV22, CHLS07, CEK+21, FMMN07, FV16, Gaw13, Jez15, BFG09, FV10, MN08, RNO11]. **compressing** [FGGV06]. **Compression** [GMS19, KW14, FGGV06]. **Computation** [BPL18, BH19, CR18, CDP21, KKR+20, MN18, FIM+06, PT11]. **Computations** [FLS+18, FMS+10]. **Computed** [BGMW20]. **Computing** [AFN+18, AFS18, AMNS17, BF09, BCKV06, BLS23, Cab22, CW15, CMV16, DGM18, Elk05, FGK+16, MA16, NZC11, RW10b, SS18, BB09, Dji10, EPR10]. **Concentration** [HH17, Har19]. **Conditional** [BKN21, KT18]. **conditions** [ST08]. **configuration** [HKS11]. **confinement** [AKPS10]. **conflict**

[BNCS08, CKS09]. **conflict-free** [BNCS08, CKS09]. **conflicting** [GHKS08]. **Confusability** [CCKN19]. **Congestion** [KK16, CKK10a, FFM12, FKS08, Swa12]. **congruent** [CKS09]. **conjunctive** [CFK+07]. **Connected** [Bre23, FLST18, HVV19, Lac13, SYZ20]. **Connectivity** [BK16, CHGG+17, CNP+22, Gab16, GILP16, IIK+23, KN16, MV15, CEGS11, CRV11, EFKN09, Kor10, Nut09, Nut12, VB08]. **Conquer** [GS17, HJT17, FGPS08]. **Consensus** [BBT12, CN14]. **consequence** [BGLZ09]. **Conservative** [BG20]. **Constant** [AW19, ATG+14, HHL+16, HP22, Jac11, Laf23, AHRT05, VP07]. **Constant-time** [HP22, AHRT05]. **constants** [IP11]. **Constrained** [ADD+18, BR16, BFR23, CS11, EHR16, Mas21, BMSV+09, DKK06]. **Constraint** [AZBG+22, GRS17, GM14, CMM09, SS09]. **Constraints** [MS17, DH12, GLP06, JZ06]. **Constructing** [EN19, GW07, Elk11]. **Construction** [OOB24, AMS06]. **Constructions** [ES16, SCRS17]. **Constructive** [CHL+20]. **contact** [BGPV08]. **content** [BH12]. **Continuous** [CCW18, NW07]. **continuous-discrete** [NW07]. **contractible** [Cab10]. **Contraction** [BLL+24, PSZ24]. **Contractions** [CKL+21b, FPZ23]. **control** [AAG09, Hal12]. **Convergence** [CN14, EDKM07, GN14, FFM12]. **Convex** [BRW16, CDD+15, DEK21, HIMŽ19, MW24, BB09, CAY10, GJL12, MSS11]. **Convolution** [CMWW19, Cha20]. **convolutions** [BF09]. **Coresets** [Cla10]. **Correction** [BPL18, AEL+12]. **Correlation** [BPR+17]. **Correlations** [KKK18]. **corridors** [GGG10]. **Corrigendum** [GHKS13]. **Cost** [BFCF+17, HJ15, MV15, AZ08, AKLR20, BKLP07, EKS05, Fuj12, IMM08, Lev09, Nut12, RS09]. **Cost-Oblivious** [BFCF+17]. **cost-sharing** [IMM08]. **cost-tree** [Fuj12]. **Costs** [Adj19, BRW16, FGK+24a, ELR+08, ST10]. **Counting** [AFK+15, BCN12, BKK17, CW16, FGZ21, FMR24, GRS17, GS17, GLSY23, LBSZ21, WY18, AC10, BCEG07]. **Cover** [ACS+22, DHK16, DKR16, ER16, INV16, KPR16, MMS14, AAG09, Fuj12, GKP08, HL06a, Kar09, Vis08]. **covered** [DC05]. **Covering** [GSV20, LPS+20, CMA+19, EKS05, HMS12]. **CoveringLSH** [Pag18]. **Covers** [Fuk17, GM14]. **Creation** [EFF+15, GHLL16, DHMZ12]. **Criteria** [ADV+16, GHKS08]. **cross** [IMM08]. **cross-monotonic** [IMM08]. **cryptography** [GHPT05]. **CSP** [GS17]. **CSPs** [CRZ20, KKR19, MWsZ23, PZ24]. **Cubic** [BLS23]. **Cuckoo** [Wal23, DK12]. **Curse** [CJ18]. **Curved** [CW15]. **Curves** [BDR23, BFL+23, CdM22, EP12]. **Cut** [BCC21, BSWN15, CKM+24, CMVZ16, ER17, FPZ23, GHT18, KW16b, Wah22, CKL+09, CGR08]. **Cuts** [ACHKP21, BEH+10, BBP23, CKL+09, PT11]. **Cutting** [CF20, SHHA16, EP11]. **Cycle** [AEL+12, BFGT16, CRSS22, FGL+19, KW14, CDEM10, GN08, KNS+07, LDX09, MM09, PT11, RW10a, HKM+12]. **Cycle-Finding** [CRSS22]. **Cycles** [FGK+24a, GLSY23, Cab10]. **cyclic** [BS06b].

d [DM09, CLL+12, HCT+11]. **D-Matching** [CLL+12]. **DAGs**

[GR10, HH17, MTK+19]. **Data** [BFV22, CCMT14, FF23, Gab17, GKS+11, GIN+17, HMZ16, SCRS17, AKS08, ACY12, BCEG07, BB08, CFLM07, DIL07, GHKS06, GHKS13, GLS10, GKK+09]. **databases** [CFK+07]. **dates** [KKW12]. **deadline** [CCL+09, GLP06]. **deadlines** [JLSS12]. **Deamortization** [BFH21]. **Deciding** [CCKN19, Kau07]. **Decision** [CPR+11, CZ24, MTZ10]. **Decisions** [KR18]. **decoding** [AGKS07]. **Decomposition** [BLL+24, PSZ24, AZ08, DMRW09, Epp09b, GT08]. **Decompositions** [CKS19, CKL+21b, KLP+16a, DC05]. **Decremental** [Lac13]. **Degeneracy** [CGH17, PRS12]. **Degenerate** [GLSY23]. **Degree** [HKP+18, BGGS24, BHKK12, MR09]. **Degree-4** [HKP+18]. **Delaunay** [OGGW10]. **Delay** [AGGP21, EK06]. **Delays** [FP13]. **Deletion** [ALM+19, ALM+23, CM15, STK16, ALM+20]. **Deletions** [ATG+14]. **Delta** [KKR19]. **Delta-Matroids** [KKR19]. **demand** [CMS07, EK06]. **Dense** [KRS19, ST08, And10]. **density** [KP08, ST08]. **Dependent** [HSS22, KR18, CRR09, JMR19]. **Depth** [BEJK19, HS18]. **Derandomized** [Har19]. **Derandomizing** [CW21, CDP21]. **Derivative** [CDJS17]. **Descent** [Hir19, AKR12]. **Design** [BFV22, BK16, CLS+22, CEV21, AZ08, CKK10b, CGNS08, EKS05, JR05, KSS09]. **Despite** [DPP14, AC10]. **Detecting** [LN22]. **Detection** [BFGT16, AEL+12, HKM+12]. **Determining** [AR08b]. **Deterministic** [BCEG07, BNCS08, BKK+19, BDLP23, BF18, CHA18, CW21, CDJ23, CI17, DP14, FTK20, GP19, Har18, Lac13, LMPS18, LBSZ21, MPY22, NS16, TSZ14, MTZ10, Ruž08, Ruž09]. **deterministically** [KS08]. **DFTs** [HU20]. **Diagrams** [AK18, DHPR16, MP22]. **Dial** [GNR15, GHNR10a, GHNR10b]. **Dial-a-Ride** [GNR15]. **Diameter** [AGW23, Bon22, Cab19, CKM+24, Sol13, WY16]. **dictionaries** [BB08, FGI09, RRS07, Ruž08]. **Dictionary** [CEK+21]. **Dictionary-Compressed** [CEK+21]. **differ** [EK06]. **different** [Jan05]. **difficulty** [HSB07]. **Digraphs** [CRSS22, HHM+18, CRV11]. **Dilation** [GW22]. **Dilworth** [HHM+18]. **Dimension** [ACGP16, JS23, KRX16, CGK+11]. **Dimensional** [AEP18, CHLT14, HW19, MW24, WY18, CZ24, GLS10, NS09]. **Dimensionality** [CJ18]. **Dimensions** [CHA18, FR10]. **Directed** [CCHM15, CDKL20, GILP16, BD11, CEGS11, EPR10, GN08, HKRL07, KMW10, NS10, RTZ08, RZ12, VB08]. **Direction** [ADD+18]. **Direction-Constrained** [ADD+18]. **Discontinuity** [CCW18]. **Discounted** [MTZ10]. **Discovering** [FKW11, GRS17]. **Discrepancy** [EPR13]. **Discrete** [AFK+15, BGN+18, BKN21, DMT24, HK22, KADK22, NW07]. **Discretization** [KLPP23]. **Discs** [ACHM22]. **Disjoint** [AW19, KK13, KK16, CK07, CS07, DS11, GW07, LPS24, ZO08]. **Disk** [BLL+24, PSZ24]. **disks** [CKS09, GKK+09]. **displacements** [Jan05, Vio05]. **Disposal** [CHJ+18, SHHA16]. **Dissections** [FSP08]. **Distance** [ACGP16, AFN+18, AFK+15, BPL18, BW21, BGMW20, BKN21, BFL+23, CMT22, EP16, FF23, FGK+24b, GS18, GW20, GSW24, MA16, WY13, ABS10, AHPSW10, AK12a, BS06a, CSTW12, CW10, CM07, DMRW09,

FR10, GLNS08, HPR14, MR09]. **Distances** [Cab19, GMV09]. **Distinct** [Bła20, KKW12]. **distortion** [Pet09]. **Distributed** [ASS19, AKR12, AKPS10, BHS14, BJKK18, CHL+20, GKP08, HT21, JW23, KMPS16, PRS20, SCRS17, CMY11]. **distributing** [FMS+10]. **Distribution** [CL22, HS17, LCS+19, BH12, CRV11, Vio05]. **Distribution-free** [LCS+19]. **Distribution-Sensitive** [CL22]. **Distributional** [WNN15, CDHW09]. **Distributions** [CDJS17]. **Divergent** [GT16a, GT16b]. **Diversification** [BJLY17]. **Divide** [HJT17]. **Divide-and-Conquer** [HJT17]. **Dividing** [HJT17]. **DNA** [KSS09]. **Do** [SZ20]. **Document** [SSTV23]. **Domain** [FGYZ22, Mas21]. **Domains** [VZ21, Wim16, OGGW10]. **dominance** [BST08, Epp09a]. **Dominating** [ASS19, BDH+20, FLST18, GS17, FGPS08, GKLT09, PRS12]. **Domination** [HMVW19, LPV18]. **Dominator** [GT16a, GT16b]. **Dominos** [AARA23]. **Doors** [KR18]. **Dotted** [ALM+12]. **Doubling** [ACGP16, CGMZ16, CJ18, CJJ20, JS23, KRX16]. **Doubly** [SYZ20]. **Drawing** [BRW16]. **drawings** [BLPS13]. **Dual** [AD16, BBP23, DH18, Hir19, WNN15, BCM11, VB08]. **Dual-edge** [BBP23]. **Dual-Pivot** [AD16, WNN15]. **due** [KKW12]. **Dyck** [FGK+24b]. **Dynamic** [ACS+22, AMW20, ALLS07, ANFS17, BCC+10, BFH21, BGK+22, BBM19, BJLY17, CN14, CL22, CKS19, GS18, HKN17, HP22, KP08, MN08, MTK+19, NS14, NS16, OSSW20, RST14, SW20b, Tao14, AKS08, AHTL05, BKS12, CHLS07, DI06, Elk11, Epp09a, GK09, Iba08, LK08, Rod08]. **Dynamics** [FV19, FFM12].

ear [DC05]. **Easy** [KPR16]. **Edge** [BHPR+20, BK16, CMA+19, CHL+20, CK07, GILP16, GM14, HVV19, IIK+23, KK13, KK16, KN16, MV15, RKH20, BBP23, EFKN09, HKS11, MZ12, SS08a]. **Edge-Connectivity** [IIK+23, KN16, MV15, EFKN09]. **Edge-covering** [CMA+19]. **Edge-Disjoint** [KK13, KK16, CK07]. **Edges** [ADD+18, GW22]. **Edit** [BGMW20, FGK+24b, GS18, AK12a, CM07, DMRW09]. **Editing** [LPS24]. **Editor** [Gab05]. **Editorial** [Alb10a, Alb10b, APP17, BGN+18, Coh21, RRSW16, Sri19, Buc08]. **Effective** [CLS+22]. **effectiveness** [Swa12]. **Efficient** [AAK06, AFS18, BFF+22, BS18, Bre23, CFRY22, CR18, DH18, EN19, FGK+16, LPV18, MN18, SZ10, AAY10, AF07, ADHY08, MZ12]. **efficiently** [AGKS07, BKLP07, CAY10, Heg06]. **Eigenvalues** [TY18]. **Election** [ARS+14, CKP+19, CDJ23, GMP17, MPY22, KKK+10]. **element** [CS07]. **element-disjoint** [CS07]. **Elements** [Bła20]. **Elimination** [YB12]. **Embedded** [ADF+15, Cab10]. **Embedding** [ADD+18, BR16, LDX09]. **Embeddings** [AFT19, AEP18, CGR08, WW22, ABD+08, CMO+08, IN07]. **Emulators** [EN19]. **encoding** [FSP08, RRS07]. **Encodings** [GIN+17]. **End** [KMPS16]. **End-to-End** [KMPS16]. **Energy** [AF07, CKP+19, CDJ23, DH18, BCD12, CCL+09]. **Energy-Efficient** [DH18, AF07]. **entity** [CPR+11]. **Entropy**

[CDI+12, GMS19, PU07, AMM07, CCM10, GMV09, MN08]. **Entropy-based** [PU07, AMM07]. **entropy-compressed** [MN08]. **Enumerating** [BDH+20, CMA+19]. **Enumeration** [II09]. **Enumerative** [HS17]. **Environments** [NE19]. **Envy** [SHHA16]. **Envy-Free** [SHHA16]. **equal** [GP08, IMY10]. **equal-length** [GP08]. **Equality** [Pre21]. **equals** [FGGV06]. **equations** [Epp06]. **Equilibria** [DFM23, FGK+16, BCKV06, CV07]. **Equilibrium** [Das13, EDKM07]. **equitable** [CAY10]. **equivalence** [Kau07]. **Equivalences** [AGW23]. **Equivalent** [CMWW19, GMW20]. **erg** [PUW08]. **Error** [JW13, AKPS10, RS11a]. **Errors** [KT19]. **Essentially** [KPR16]. **Estimating** [EHL+18, CCM10]. **Estimation** [BHPR+20, BT24, JW23, GMV09]. **ETH** [BLL+24, KBNvL20]. **ETH-Tight** [BLL+24, KBNvL20]. **Euclidean** [AFHS20, BKM15, CS08, LT24, Sol13]. **Eulerian** [FLM+12, KK13]. **Evaluation** [DHK16]. **Even** [CP12, KKR19]. **everywhere** [CPL12]. **evolution** [FBV09]. **Exact** [AFK+18, CMT22, CP12, GHT18, HJT17, Vio05, BFK+12]. **Excluded** [FLST18, LR15]. **Excluding** [Neu24, RW09]. **Expansion** [CLL+12, PR12]. **Expected** [DHPR16, BS06a]. **Experimental** [DI06]. **Experiments** [FGGV06]. **explicit** [RW10a]. **Exploitation** [GSV20]. **Exploration** [DP14, GP19, TSZ14, AGP+11, CFI+08, DKK06]. **Exponential** [ANFS17, CKP+19, CNP+22, DHM+14a, FP13, GKLT09, JMR22, KLP+16a]. **exponentially** [PR08]. **expression** [BFG09]. **extended** [HPR14]. **extension** [GN14, KMMP07]. **extensions** [BHZ13]. **External** [BF24, SSTV23, CFLM07, LK08]. **extreme** [GGM10].

face [DS11]. **Faces** [KBNvL20]. **Facility** [ABF+18, ANFS17, KS16, MP22, ST10, BH12, Fot11, FS11, MV08, Svi10, SS08b]. **Factor** [Adj19, HHL+16, Cha20, Jac11]. **Factors** [Neu22]. **Failing** [CMT22]. **Fair** [AKS17, BK24, PS16, GMP05, GN14]. **False** [Pag18]. **Families** [CEV21, FLPS17, GKM16, AG10]. **family** [ASS08]. **Fan** [HS18]. **Fan-Out** [HS18]. **Fast** [AL13, BGGS24, BHK+16, BCP24, CN14, CJL17, ES16, HU20, KMTS23, KKK+10, PT11, WY13, YZ05, BS10, BD11, KSS09, RW10b]. **Faster** [AKLR20, BKK17, BH19, CMV16, CD17, CP12, DGM18, EW20, FLN14, FPS22, FZ07, GS17, GW20, HW19, Jez15, Kar08, KKK18, KX19, KLP16b, LNR+14, RSS06, BG11, Dji10, Rod08, TM08, MM09]. **father** [SSS+11]. **Fault** [BCHR20, HHL+16, PP16, PP18, SS08b]. **Fault-Tolerant** [HHL+16, PP16, PP18, SS08b]. **Faulty** [KT19]. **Feedback** [ALM+19, CCHM15, KR18, LN22, LRS18, LMM+21, RSS06, Tho10a, Tho10b]. **Few** [BHK+16, KBNvL20, GW07]. **fewer** [PR08]. **FFT** [GKM16]. **FIFO** [And09]. **File** [BBM19]. **Fill** [BCK+20, KMM11]. **Fill-in** [BCK+20]. **fillup** [JS07]. **filter** [CDHW09, DH12]. **Filters** [NE19]. **Filtrations** [BS18]. **Find** [ATG+14, AAY10, RW09]. **Finding** [ALLT11, BK24, CDEM10, Cab10, CAY10, CRSS22, CSS21, FPS22, GN08, Heg06, HMS07, KKK18, MOR13, VWY10, And10, RSS06, Joh07]. **Fine** [GHK+24, dBBJW21]. **Fine-Grained** [GHK+24, dBBJW21]. **finite**

[BCN12, CFI+08]. **Firefighting** [ABZ19]. **First** [GIKW19, HKN17, EP05]. **First-order** [GIKW19]. **Fit** [CCDL16]. **Fixed** [BBM19, BBT12, CM15, CCHM15, DFHT05, DHM14b, FPS22, GST23, MV15, DJP+12, EKS05, KKW12, RSS06, CGK+11]. **Fixed-Parameter** [BBT12, CM15, CCHM15, DHM14b, MV15, DFHT05, CGK+11]. **Flajolet** [SSS+11]. **flash** [BAT11]. **flexible** [AR05]. **Flip** [BBT12, BCC21]. **Flips** [IIK+23]. **Flow** [AGLW18, KKPW24, KT18, AF07, AKR12, AGG10, BD07, BFKS14, BKMSS11, CMS07, EF12, GMT11, HL06b, IM12, Kar08, TM08]. **Flow-augmentation** [KKPW24]. **Flows** [CCG+24, Wan22, BEH+10, EKS05]. **Fooling** [Har18]. **For-All** [GLPS17]. **Forbidden** [ACGP16, GJLS17]. **Forbidden-Set** [ACGP16]. **Forest** [BKM15, CDKL20, DKN17, GHNR10a, GHNR10b]. **Foreword** [CRR13, Epp07, Gab09, HT10, LOM06, Mat10, Gab05]. **Form** [BLS23]. **Formulas** [KT19]. **formulation** [CKL+09]. **Foundations** [FJS14]. **Fourier** [MRR06]. **FPT** [BD11, CDP19]. **FPTAS** [KKW12]. **Fractional** [CZ24, GM14, CKK10b, Kar08, Mar10]. **Framework** [Coh18, Har16, AKR12]. **Frank** [Cla10]. **Fréchet** [AFK+15, BKN21, BFL+23, CW10, FF23, GSW24, HPR14]. **Free** [BFF+22, CHJ+18, GHLL16, KRX16, SHHA16, BNCS08, BDH+20, CKS09, DKT11, FGZ21, GKPP22, LCS+19, LPV18, Saw06]. **Frequency** [Coh18]. **Frugal** [AT07]. **full** [FMMN07, KKK+10, MN08]. **full-text** [FMMN07, MN08]. **Fully** [BKS12, BGK+22, CDP19, FLS+18, Iba08, Jez15, NS14, NS16, OSSW20, AHTL05, Elk11, Rod08, RNO11]. **Function** [BCP13, DHK16, DP06, SS09]. **Functional** [NS14, CMY11]. **Functions** [BJLY17, CD17, Fel17, MPQS20, MA16, WZ16, AG10, GMT11, Vig14]. **Fuzzy** [BBB20].

galled [MSS11]. **Gallery** [BM20]. **Galois** [AK12b]. **Game** [EFF+15, BCKV06]. **Games** [ADGH21, DFM23, FV19, CKK10a, DHMZ12, FFM12, FKS08, GMT11, Swa12]. **Gap** [FP13, HKP+18]. **Gaps** [ABZ19]. **gas** [KMM11]. **Gasoline** [NRS18]. **Gathering** [DPP14, BKMSS11, RS11b, SZ10]. **General** [DPS18, ES16, EP16, ERV16, GMS19, MWsZ23, AAA+06, JZ06, MR09, ABD+08]. **General-valued** [MWsZ23]. **Generalization** [BR14, HHM+18, JCCW22, CF05]. **generalizations** [VB08]. **Generalized** [ACER19, AFH+16, BEKN23, CN19, CV20, HU20, CGR08, HL06a, Lev09]. **generate** [BS10]. **Generating** [BBHT17, BHPR19, Saw06]. **Generators** [ELMR21]. **Generic** [MRR06, OOB24, RT22]. **Genome** [CRTZ24]. **Genus** [PPSV18, Dji10]. **Geodesic** [Cab22, CW10, KR19, OGGW10]. **Geometric** [ACS+22, CGK+11, Cha20, GGI+21, GS18, GRSW16, Vig14, BCEG07, BCH+12, CCHP12, Epp09c, GLNS08]. **Geometry** [BFF+22]. **Getting** [PUW08]. **Girth** [DKR16, RT13, Dji10]. **Gives** [DH18, CFR10]. **Good** [ADK16, CFR10, Kol08]. **Grained** [GHK+24, dBBJW21]. **Graph** [AGW23, BRW16, BF24, CMA+19, CDP21, FGL+19, Gab16, GHK+24, GP19, GW22, KMZ18, KN16, KRS19, SST22, SW20b, SYZ20, BKS12,

BLPS13, CFI+08, DFR09, DKK06, EFKN09, GKLT09, RW09, SS09, Wil10]. **Graphs** [ACGP16, AFT19, ASS19, ADF+15, ADD+18, AKLR20, BLL+24, BGGS24, BDH+20, BSWN15, BK16, BDLP23, Cab19, Cab22, CKM+24, CMT22, CEV21, CR18, CDP19, CGH17, DHK14, DPS18, ES16, EP16, EMTG23, EHL+18, ELMR21, FGZ21, FMR24, FLS+18, FLST18, GILP16, GLSY23, GST23, GJNW23, GNSW20, GKPP22, GSW24, JS23, KMTS23, KK13, KKPW24, LR15, LPV18, LMS18, LM19, Neu24, OSSW20, PSZ24, PPSV18, Wan22, WY16, AS07, ALM+12, ASS08, BFKS14, BS06a, BHKK12, BKM09a, BKM09b, BGPV08, BHLR10, Cab10, DC05, Cha12, CEGS11, CSTW12, DS11, DFHT05, Dji10, DKT11, EPR10, Epp09a, Epp09c, GKK10, GT08, HKRL07, HSS07, Iba08, KMW10, KP08, KK06, Lau06, MR09, MZ12, PS10, PRV11, PRS12, RTZ08, RZ12, RST14, VWY10, VH05, YB12]. **Gray** [KL06, MN18]. **Greedy** [FN20, LT24, CKS05, Cla10, CNP+11, FP10, GR10, RS11b]. **Gromov** [AFN+18]. **Group** [DHK14, KW16a]. **Groups** [CZ18, Neu22, AMR09, AK12b]. **Guarantees** [TY18, BST08]. **Guarding** [AFK+18]. **Guessing** [AGKS07]. **Guest** [Buc08]. **guided** [CFI+08].

Hadamard [CI17]. **Half** [HJT17]. **halfplanes** [CKS09]. **Hamiltonian** [FGL+19]. **Hanoi** [ASS08, BS06b, DS08]. **Hard** [CDL+16, GKM16, BH12, Bon22, Cha20, Vis08]. **hard-capacitated** [BH12]. **Hardness** [BM20, BKN21, CMVZ16, DKR16, CPR+11, KNS+07, KM12]. **hash** [AG10]. **Hashing** [Pag18, Wal23, DK12, Jan05, Vio05]. **Haste** [SHHA16]. **Hausdorff** [AHPSW10, AFN+18]. **haystacks** [Joh07]. **Heap** [CR18]. **Heaps** [Elm17, HKTZ17, KT08]. **heaviest** [VWY10]. **Heavy** [BDW19, BNS19]. **Helps** [CCG+24]. **Hermite** [BLS23]. **hidden** [FKW11]. **Hierarchical** [CGMZ16, LK08, ST10]. **High** [AFS18, AEP18, Bła20, GHM+24, FR10, GLS10]. **High-Dimensional** [AEP18, GLS10]. **High-Quality** [AFS18, GHM+24]. **Higher** [ACHKP21, TY18]. **Highway** [JS23]. **Hinders** [CCG+24]. **Hitters** [BDW19, BNS19]. **Hitting** [ACS+22, FLL+19, GJLS17, GST23]. **Hoc** [KMPS16]. **Holant** [BG20, GLLZ21]. **Hole** [CSS21]. **Hollow** [HKTZ17]. **Homomorphic** [GLSY23]. **Homomorphism** [GHK+24]. **Homomorphisms** [FMR24]. **hop** [FCFM09]. **hop-optimal** [FCFM09]. **Hopcroft** [CZ24]. **hospitals** [KMMP07]. **hospitals-residents** [KMMP07]. **hotlink** [Jac11, LM11]. **Hub** [BGGN16]. **Hulls** [DEK21, BB09]. **Hunt** [BDLP23]. **Hunts** [TSZ14]. **Hyperbolic** [BFF+22, Epp09b]. **Hypergraph** [GHM+24, Har19, Neu22, AFS12, LDX09]. **Hypergraphs** [FPZ23, RKH20]. **Hyperplane** [AFHS20]. **hypertree** [Mar10].

I/O [AAY10, CFRY22, MZ12]. **I/O-Efficient** [CFRY22, AAY10, MZ12]. **Ideal** [Mas21]. **identical** [GP08]. **identification** [CPR+11]. **idle** [AA14]. **IDs** [DLS14]. **II** [AAHP+16, KKPW24, SST22]. **III** [FGL+19]. **Im** [BCKV06]. **Image** [BMR22]. **Images** [RT14]. **impatient** [BCC+10].

Implementation [BBHT17, HMS07]. **Implicit** [FLL+19]. **Imprecise** [AFHN16]. **Improved** [AER15, BKK+19, BFG09, BBT12, BKN21, BPR+17, CHA18, CJ18, CMO+08, CKP12, CLL+12, CJST07, DKN17, EFM+16, FGK+24b, GS09, GHKS06, GHKS08, GNSW20, HIMY07, HSS07, KK16, LM11, Lac13, SW20b, Swa16, YLW08, AR06, CCKR11, CGR08, EK07, BKLP07, GHKS13]. **Improving** [BCC21, CKS19, GW22, JCCW22]. **In-** [JMR19]. **Inapproximability** [BG21, GRSW16, KS16]. **inclusion** [BG11]. **incomplete** [GLS10]. **Incremental** [BFGT16, GHT18, HKM+12, AFM08]. **Independence** [BGGS24, FGYZ22, LPV18, PT16]. **Independent** [BHPR+20, BN14, GHH22, GKPP22, Har19, LM19, LPS+20, AGM+08, Epp09a]. **index** [FV10]. **indexable** [RRS07]. **Indexes** [CEK+21, BHMS11, BCH+12, CHLS07, FMMN07, MN08]. **Indexing** [BN14, BCKM20, BFG+16, BGS23, Pre21, FGGV06]. **Individual** [Jan05, Vio05]. **Induce** [FP13]. **inequality** [BGLZ09, Blä08]. **Infants** [GKM16]. **infeasible** [BST08]. **Infinite** [CKL21a, VZ21, ASS08]. **Information** [GMP17, AHTL05, BCKV06, CFK+07, EF12, GMV09, KKK+10, RS11b, MNS12]. **Injecting** [BLW09]. **Input** [GSW24]. **Insert** [BPL18]. **Insertion** [BDW19, AHRT05, Jan05]. **Insertions** [ACHM22]. **Inspired** [ALM+19]. **Instability** [And09]. **Instances** [DKR16, Vis08]. **Integer** [BLS23, EW20, CMS07, CLLJ08]. **Integrality** [ABZ19, HKP+18]. **interchanges** [FZ07]. **Intersection** [HIMŽ19, BK08, Epp09c]. **Interval** [ALM+23, BFPP18, CM15, EHR16, ALM+12, BHLR10, PRV11]. **intervals** [BNCS08]. **Introduction** [DMT24, GBFC07, HK22, KADK22, LPW20, MWY19]. **Invariant** [Wim16]. **Inverse** [BLW09, Cab22, NZC11]. **Investigation** [KR18]. **IP** [VZ21]. **IPs** [KR24]. **Irreducibles** [BHK+16]. **Ising** [SS09]. **isolated** [II09]. **Isomorphism** [ABH+18, GNSW20, Neu22, Neu24]. **Issue** [BGN+18, CRR13, DMT24, HK22, KADK22, LPW20, MWY19, RRSW16, Epp07, GBFC07, Gab09, HT10, Mat10]. **Items** [CZ18]. **Iterations** [MPQS20]. **Iterative** [CLL+12].

Jitter [HS09]. **jobs** [DJP+12, GHKS08, GP08]. **Johnson** [AL13, JW13]. **joint** [ELR+08]. **Journey** [HPJ21]. **Jump** [CCW18]. **Junta** [LCS+19]. **Juntas** [Har18].

Kernel [ALM+19, ALM+23, BRFF+12, CGH17, KW14, KPR16, Tho10a, Tho10b]. **Kernelization** [DLS14, GJLS17, Kra14]. **Kernels** [FLST18, FLL+19, KLP+16a, KRS19, Wah22, PRS12]. **keys** [BB08]. **Kinetic** [AKS08]. **Knapsack** [DHK16, GGI+21, GNR16, HW19, MW24, Swa16]. **Knapsacks** [CZ18]. **Know** [SZ20]. **Known** [LMS18, CRV11]. **Knuth** [BGLZ09]. **Kt** [BDH+20]. **Kt-free** [BDH+20].

Label [BGGN16, CFI+08, DKR16, MMS14]. **Label-guided** [CFI+08]. **Labeling** [Kor10]. **Labels** [ACGP16]. **Large** [DKR16, AGG10, RW10b]. **Latency** [BMSV+09, INV16, GMT11]. **Latency-constrained** [BMSV+09]. **lattice** [NS09]. **Lattices** [BHK+16]. **law** [CSTW12]. **layouts** [BGPV08]. **LC** [JS07]. **Leader** [ARS+14, CKP+19, CDJ23, GMP17, MPY22, KKK+10]. **Leaf** [Laf23, BLS08, DV10, BD11]. **Lean** [CKL+21b]. **Learned** [BFV22]. **Learning** [BCSV20, Wim16]. **least** [Kol08]. **leaves** [BRFF+12]. **left** [DMM+12]. **left-to-right** [DMM+12]. **Lemma** [CHL+20, EW20, HH17, Har18, Har21, Har16]. **Lempel** [BFG09]. **Length** [BEH+10, Cab22, BB08, GP08, KK06]. **Length-bounded** [BEH+10]. **lengths** [KMW10, MZ12]. **Leontief** [GN14]. **Level** [KR19, GRR06]. **level-ancestor** [GRR06]. **Levels** [MN18]. **Liars** [Sha16]. **Light** [CWN18]. **Lightweight** [ES16]. **Limitations** [IMM08]. **limited** [KKM11]. **Limits** [KW16a, Joh06]. **Lindenstrauss** [AL13, JW13]. **Line** [BHD+21, KPR16, PS23, BFKS14, GS09, RS11b]. **Linear** [AW19, BCKM20, BPGN09, BSWN15, BCAD23, CHA18, CRTZ24, CCKN19, CLL14, EP16, HS18, KLP+16a, KKR+20, LNR+14, LMPS18, LRS18, MA16, PT16, RS17, TY18, WY16, BB09, BG11, BLS08, CKK10a, CKL+09, DKT11, EPR10, FP10, GHPT05, Jan05, KMW10, MOR13, NZC11, RW09, VH05, Vio05]. **Linear-Size** [EP16]. **linear-space** [KMW10]. **Linear-Time** [BCAD23, CRTZ24, KKR+20, RS17, BCKM20, BLS08, RW09, VH05]. **Lines** [DT16, BB09, GLS10]. **Link** [CBFWW15]. **Linking** [Gab17]. **links** [GW07]. **List** [FMR24, AGKS07, AGvS13]. **Load** [ABF+18, BHS14, BKK+19, GPSS15, Wal23, EDKM07, GMP05]. **Load-Balancing** [BKK+19]. **loads** [And09]. **Local** [BNS19, CHL+20, DP14, ER17, HH17, Har16, Har18, Har21, JMR22, PS16, And10, BCM11, KP08, LK08]. **local-ratio** [BCM11]. **Locality** [Pag18]. **Locality-Sensitive** [Pag18]. **Locating** [KT19]. **Location** [ABF+18, ANFS17, AK18, Cha13, CL22, KS16, MP22, AGG+09, AMM07, BH12, BCH+12, CDI+12, Fot11, FS11, MV08, ST10, Svi10, SS08b]. **Locations** [GLLZ21]. **Log*** [CZ24]. **Logarithmic** [Cha20, EP16, AGP+11, BFKS14]. **Logarithmic-factor** [Cha20]. **Logit** [FV19]. **long** [GN08]. **Longest** [BCAD23, EP05]. **loopless** [KL06]. **Lopsided** [Har21, Har16]. **Lopsidependency** [Har16]. **losing** [KM12]. **lot** [ELR+08]. **Lottery** [HPST19]. **Lovász** [CHL+20, HH17, Har16, Har18, Har21]. **Low** [CHA18, CKM+24, CDP21, FLS+18, FGL+20, KRX16, NS09, KP08, Pet09]. **Low-dimensional** [NS09]. **Low-rank** [FGL+20]. **Low-treewidth** [CKM+24]. **Lower** [ACHKP21, ABHS22, BN15, BCK+20, CRSS22, CDKL20, DLS14, Kra14, KT18, SCRS17, Soc16, Svi10, AR08a, AGvS13, CGK+11, Cha10a, MSS11]. **Lower-bounded** [Svi10]. **LP** [CCW18, HKS11, Li17, MMS14, VZ21]. **LP-based** [MMS14]. **LZW** [Gaw13].

Machine [GSV20, HJ15, JMR19]. **Machines** [EMS23, SZ20, CKK10b, GP08, GLP06, TM08]. **maiden** [EP05]. **Maintaining** [ACHM22, AHTL05, Elk11]. **Maintenance** [HKN17, HKM+12]. **majorization** [GMP05]. **Makes** [SHHA16]. **Makespan** [GNR15]. **Making** [Ruž09]. **malleable** [JZ06]. **Management** [AER15, AKM08, CJST07]. **Many** [BKMV20, BK24, BRFF+12, Joh06]. **Many-to-One** [BK24]. **Many-visits** [BKMV20]. **Map** [GSW24, DFHT05]. **Mapping** [CDD+15]. **Market** [FGK+16]. **Markets** [BGH19]. **Markov** [FBV09, MTZ10]. **marriage** [HIMY07, IMY10]. **mask** [BF09]. **Massey** [KY13]. **Massively** [CDP21]. **MAST** [BPGN09]. **Matching** [AKLR20, BFH21, BG14, CCW18, CLL+12, CHLT14, DPS18, EMTG23, EHL+18, FLN14, Gaw13, GSW24, HTWZ19, Jez15, LS20, NS16, PS19, PS23, ALLS07, BFG09, DC05, CS11, CM07, GGN06, HLS07]. **matching-covered** [DC05]. **Matchings** [BK24, Kav24, AFS12, GKK10, GKP08, IKM+06, KMMP07, KR16, Mes14, RW10b, VH05, GKK23]. **Matrices** [DHS16, FLS+18, GMW20, KMNS17, KLP16b]. **Matrix** [BLS23, FGL+20, SWYZ21, WY13, KY13, YZ05]. **Matroid** [CLL14, GNR16, Swa16]. **Matroids** [FGLS19, KKR19, KW14, LMPS18]. **Max** [AKS17, ABG16, BR14, BCC21, BJLY17, KT18, PRV11, PS16, Wan22, BD11, CRZ20, GS17]. **Max-coloring** [PRV11]. **Max-CSPs** [CRZ20]. **Max-Flow** [KT18]. **Max-Leaf** [BD11]. **Max-Min** [PS16]. **Max-Sum** [BJLY17]. **maxima** [DMM+12]. **Maximal** [BFH21, Har19, NS16, PS10, Epp09a, GKP08, IKM+06]. **Maximin** [AMNS17]. **Maximization** [BF18, BFS19, CHJ+18, EMS23, BNGK+09]. **Maximizing** [Fel17, GPSS15, MS17, WZ16]. **Maximum** [ER17, GMW20, GKPP22, IIK+23, KMNS17, LS20, MMS14, PS19, CMM09, DV10]. **Maximum-Cut** [ER17]. **MaxMin** [GNR16]. **may** [EK06]. **Mazing** [AGLW18]. **mean** [HL06b]. **meanders** [BS10]. **meandric** [BS10]. **Means** [BBB20]. **Measure** [GS17, AZ08, FGPS08]. **measures** [ABS10]. **Mechanism** [CKK10b]. **mechanisms** [AT07]. **Median** [BDR23, BPR+17, HHL+16, Li17, Swa16, Cha20, YLW08]. **Medium** [ARS+14]. **Meet** [BKK17, CKL+21b, CPL12]. **Meet-in-the-Middle** [BKK17]. **Meeting** [KMTS23]. **meets** [AFS12]. **Melding** [MTTZ06]. **Membership** [Mas21]. **Memory** [DEK21, FP13, SSTV23, AKM08, AGP+11, AC10, BAT11, CFLM07, GLPP08, KKM11, LK08]. **Memory-Adjustable** [DEK21]. **Memoryless** [CV20, Fot11]. **mergeable** [GKS+11]. **mesh** [FSP08]. **Message** [PRS20]. **Message-Optimal** [PRS20]. **Metastability** [FV19]. **methods** [BCN12]. **Metric** [AFN+18, ACE+23, GW22, HPMO23, ABS10]. **Metrics** [BEKN23, CGMZ16, CJ18, CJJ20, CGR08, GS09]. **Middle** [BKK17, MN18]. **Mighty** [DS19]. **Migration** [BBM19, GSV20, GHKS06, GHKS13]. **mimicking** [Wah22]. **Min** [AKS17, BR14, BSWN15, DHK16, GHT18, PS16]. **Min-Cut** [GHT18]. **Min-Knapsack** [DHK16]. **Min-Max** [BR14]. **minima** [BLW09]. **Minimal** [BDH+20, FGPS08]. **Minimization** [HL13, AF07].

Minimize [RKH20, AAG09, EK06, TM08]. **Minimizing** [BD07, BKMSS11, DHM+09, DHM14b, FS11, GLP06, HL06b]. **Minimum** [ABF+18, AKLR20, BBP23, BCK+20, BBT12, FPZ23, GPSS15, GNR15, HS18, HVV19, INV16, KLPP23, MV15, MM09, PRS20, TY18, AGM+08, ABD+08, BCD12, CKL+09, CLLJ08, CKS05, CS08, Fuj12, GKLT09, HL06a, HLS09, JR05, KKW12, Lev09, Nut12, PR08]. **Minimum-Cost** [MV15, AKLR20, Nut12]. **Minimum-Flip** [BBT12]. **Minimum-Load** [ABF+18]. **minmax** [YLW08]. **minmax-regret** [YLW08]. **Minor** [CEV21, GST23, LR15, SST22, RW09]. **Minor-closed** [CEV21, SST22]. **Minors** [FLST18, GJLS17]. **Minset** [Gab16]. **Minset-Poset** [Gab16]. **minsum** [GHKS08]. **Minwise** [PT16]. **MIS** [FN20, OSSW20]. **Mischief** [DPP14]. **Mixing** [FGYZ22]. **mobile** [FS11]. **Model** [AN16, CMR18, FTK20, HPST19, LS20, PS19, And09, FCFM09]. **Models** [GST23, JW23, AR05, FBV09]. **Modern** [BBHT17]. **Modification** [LPS24]. **Modification-disjoint** [LPS24]. **Moment** [JW23]. **moments** [LK08]. **Monge** [GMW20, KMNS17]. **monitoring** [CMY11]. **Monotone** [BJLY17, FGK+24a, IIK+23]. **monotonic** [IMM08]. **Monotonically** [CdM22]. **Monotonicity** [KR19, BGLZ09, FR10]. **Morphing** [BLPS13]. **Moser** [Har16, HS17]. **motif** [FKW11]. **Movement** [DHM14b, HKKK16, DHM+09, FS11]. **moves** [CM07]. **moving** [Kol08]. **MST** [Fuj12]. **Multi** [ADK16, GNR15, BS06b, CRR09]. **multi-peg** [BS06b]. **Multi-Pivot** [ADK16]. **multi-scheduling** [CRR09]. **Multi-Vehicle** [GNR15]. **multicast** [CRR09]. **multicasting** [AR05]. **Multicommodity** [CMS07, AKR12, BKLP07, Kar08]. **multicover** [CCHP12]. **multicriteria** [Man12]. **Multicut** [Wah22]. **Multicut-mimicking** [Wah22]. **Multicuts** [RS17]. **Multidimensional** [YZ12]. **Multiflow** [Hir19]. **multigraph** [SS08a]. **multigraphs** [HKS11]. **multihop** [AZ07]. **multilabeled** [BHMS11]. **Multilevel** [KS16]. **Multipartite** [EJK08]. **multiparty** [FIM+06]. **Multiple** [BJKK18, CZ18, CKR12, BHLR10, FKW11, HS09, VP07]. **multiple-interval** [BHLR10]. **Multiplication** [WY13, IP11, VP07, YZ05]. **Multiplierless** [VP07]. **multisets** [RRS07]. **Multistage** [KR24]. **multivariate** [Epp06]. **Multiway** [Wah22].

name [AGM+08]. **name-independent** [AGM+08]. **Nash** [Das13, DFM23, EDKM07, GKK23, IIK+23]. **Natural** [Li17]. **Navigating** [BFKR21]. **Navigation** [DEK21]. **Near** [ACHM22, BSWN15, Bre23, CDJ23, CMM09, CWN18, GLPS17, Wei22, WY16, CCM10, EPR10]. **Near-Linear** [BSWN15]. **near-linear-time** [EPR10]. **Near-Optimal** [ACHM22, CDJ23, CWN18, GLPS17, Bre23, CMM09, CCM10]. **Nearest** [AAHP+16, AEP18, Gab17, IN07, AKS08]. **Nearest-Neighbor** [AAHP+16]. **Nearest-neighbor-preserving** [IN07]. **Nearly** [CI17, DKN17, KBNvL20]. **needles** [Joh07]. **negative** [CGR08, KMW10]. **negative-type** [CGR08]. **Negatives** [Pag18]. **Neighbor** [AAHP+16, AEP18, IN07]. **Neighborhoods** [AFHS20, CJ18]. **Neighbors** [Wei22, AKS08]. **nested** [Kau07]. **Network**

[BK16, CLS+22, CEV21, CFM21, DP14, EFF+15, Fuk17, GHLL16, PPSV18, AR05, AAA+06, And09, AZ08, CEGS11, CGNS08, DHMZ12, EKS05, FCFM09, HKKN12, JR05, Swa12]. **Networks** [BHS14, BFF+22, CN14, CLNV14, DGG+20, HKN17, KRX16, KMPS16, MPY22, Wah22, AZ07, AGG10, BH12, BMSV+09, MSS11, NHK08, PR12]. **nilpotence** [AK12b]. **No** [EMS23, FG08, BRFF+12, PS23]. **Node** [CCW18, CEV21, DHK14, Hir19, HKRL07, RS09]. **Node-capacitated** [Hir19, HKRL07]. **node-cost** [RS09]. **Node-Weighted** [CCW18, DHK14, CEV21]. **Noisy** [BFKR21]. **Non** [CGK20, OOB24]. **Non-recursive** [OOB24]. **Non-Uniform** [CGK20]. **nonabelian** [AMR09]. **nonavailability** [DJP+12]. **Nondecreasing** [Wil10]. **Nondeterminism** [Kra14]. **Nonlinear** [HJ15]. **nonmetric** [ABS10]. **Nonmonotone** [ADV+16]. **nonpreemptive** [GP08]. **Nonsingular** [BLS23]. **nontrivial** [KS08]. **Normal** [BLS23]. **note** [Alb10a, AHRT05, Alb10b]. **Nothing** [AFH+16]. **Novel** [NW07]. **Nowhere** [KRS19]. **NP** [DS19, GKM16, Joh05, Joh06, Joh07]. **NP-completeness** [Joh05, Joh06, Joh07]. **NP-Hard** [GKM16]. **NP-Mighty** [DS19]. **Number** [SZ20, CFR10, KKW12, KS08]. **Numerical** [KLP16b].

O-Efficient [CFRY22, AAY10, MZ12]. **Oblivious** [BFCF+17, CCW18, CR18, FV16, FLPR12, HKRL07, Har21, WW22]. **Obstacles** [AFS18, CW15]. **occurrences** [BCN12]. **Odd** [CSS21, FGL+19, KW14]. **off** [DFR09]. **offline** [BNCS08]. **One** [BK24, Kav24, CDEM10, Fot11]. **One-Sided** [Kav24]. **Online** [ACE+23, AGGP21, BODD+20, BJKK18, BHD+21, BCI+23, BFS19, CHJ+18, CKS09, DH18, EMS23, EV06a, GSV20, GP08, HTWZ19, JLSS12, JPS22, KB06, LS20, LMMW16, MNS12, AAA+06, AAG09, AKL10, BNCS08, BF07, CCL+09, CJST07, CNP+11, EV10, GS09, GMP05, IM12, PU07, PRV11, YZ12, HCT+11, LK08]. **open** [BS10, GHKS06, GHKS13]. **Opt** [ERV16]. **optical** [AZ08]. **Optimal** [ACHM22, AL13, AGvS13, AAdFM22, AD16, BN15, BDW19, Bła20, BRW16, BDLP23, CMA+19, CDJS17, CDJ23, CWN18, CI17, CEK+21, CGMY22, DH18, DKK06, Elm17, Gaw13, GLPS17, GMS19, GIN+17, GT08, GRSW16, HT21, Han07, JW23, JW13, LMS18, LMMW16, MP22, PRS20, Pre21, Wei22, ADHY08, BKMV20, Bre23, CCM10, CMO+08, CMM09, DMRW09, FCFM09, FSP08, GK09]. **Optimal-Time** [CEK+21]. **Optimality** [DS08, CNP+11]. **Optimally** [EK06, KS08, TM08, Wil10]. **Optimization** [BGGN16, BHLR10, BPR+17, GM12, GNR16, AAA+06, GJL12, Vig14, MNS12]. **Optimizing** [CCL+09]. **Oracle** [BBP23, BSWN15, EP16, LR15, CSTW12]. **Oracles** [BHPR+20, CMT22, GW20, Har21, KK06, WY13, BS06a, GLNS08]. **Order** [HL13, BF07, BM08, GIKW19]. **Order-Preserving** [HL13]. **Ordered** [KR19]. **Ordering** [BR16, CFR10, AFM08, CDHW09, DH12, KB06, HKM+12]. **Ordinal** [ABD+08, GRR06, HMS12]. **Orientation** [IIK+23]. **orientations**

[FLM+12, FSP08]. **orienteering** [CKP12]. **Orthogonal** [BRW16, Cha13, CW16, CW21, BLPS13]. **Other** [BCK+20]. **out-trees** [BRFF+12]. **Outlier** [KKK18]. **Outliers** [CN19, FKRS19, HPST19]. **output** [ST08]. **output-density** [ST08]. **Overhead** [ACHM22]. **Overlapping** [Wal23].

P2P [NW07]. **Packet** [KMPS16]. **packets** [JLSS12]. **Packing** [AARA23, BSSX20, CZ18, CS07, EPR13, FLL+19, BNLT07, CMS07, KNS+07, HCT+11]. **Packings** [BKK17, GGI+21, LPS24]. **Paging** [JPS22]. **pair** [AKS08]. **Pairs** [KT18, Cha12, DI06, MTZ10, RS11a]. **Pairwise** [Cab19, GW07]. **pants** [Epp09b]. **Parallel** [CDP21, DH12, FN20, HH17, Har18, Har21, CKS09, GKK+09, Han07]. **Parameter** [BBT12, CM15, CCHM15, DHM14b, GST23, MV15, DFHT05, RSS06, CGK+11]. **Parameterized** [AMW20, BFPP18, BCK+20, BM20, CFM21, CHLT14, CNP+22, FLS+18, GHK+24, GWZ21, KW16a, LPS24, LNR+14, LRS18, LPS+20, MP22, PSZ24, RS17, GJL12, HLS07, SST22]. **Parametric** [Epp18, FBV09]. **parentheses** [LY08]. **Parity** [CLL14]. **Partial** [GMW20, JS07, KMNS17, MSS11]. **Partially** [ADF+15, HKN17]. **Partition** [LR15, CLLJ08, CKS05, SS09, ZO08]. **Partitioning** [AD16, GHM+24, SYZ20]. **partitions** [CAY10]. **Party** [KR16]. **pass** [Fot11]. **passes** [DFR09]. **Path** [ABHS22, AGLW18, AZ08, BCHR20, EK20, EP16, GWZ21, HMZ16, AT07, DI06, HSB07, MZ12]. **Path-Reporting** [EP16]. **Paths** [AFS18, BFF+22, CW15, CR18, GW20, KK13, KK16, LBSZ21, WY13, Cha12, CK07, DS11, Elk05, EPR10, GW07, HS06, HMS07, KMW10, KK06, MTZ10, RS11a, RZ12, Wil10]. **Pathwidth** [GJNW23]. **Pattern** [Gaw13, GGN06, Jez15, ALLS07, CS11]. **Patterns** [BGS23]. **peeling** [ALLT11]. **peg** [BS06b]. **Perfect** [AKLR20, BCP24, BG21, GKK10, HHM+18, AG10, BCKV06]. **perform** [BCM11]. **Performance** [HJ15]. **periodic** [BCMSM12]. **Periodicity** [EMS10]. **Periods** [MPQS20]. **Permanent** [DHM+14a, And09]. **Permanently** [BFKR21]. **Permutation** [Wim16]. **Permutation-Invariant** [Wim16]. **Permutations** [BBHT17, EPR13, RW10a]. **permuterm** [FV10]. **Persistent** [Cha13]. **Perturbation** [BHW20]. **Phase** [BBM19, CFH07, FP10]. **Phase-based** [BBM19]. **Philippe** [SSS+11]. **Phylogenies** [HHM+18]. **piece** [EP11]. **Piecewise** [MA16]. **Piecewise-Linear** [MA16]. **Piles** [DEK21]. **pipelined** [CDHW09, DH12]. **Pivot** [ADK16, AD16, WNN15]. **Placement** [EFM+16, GKK+09]. **Planar** [ASS19, AKLR20, BSWN15, BK16, Cab19, Cab22, CMT22, CEV21, DHK14, EHL+18, GST23, KK13, KKR19, KBNvL20, MP22, PPSV18, Wan22, WY16, AMM07, BLPS13, BKM09a, BKM09b, CDI+12, DS11, DFHT05, Dji10, DKT11, EPR10, GK09, GT08, KMW10, KK06, OGGW10, PS10]. **Planarity** [ADF+15, ADD+18, BFR23, KR19]. **Plane** [CW15, GMS19, CS08, Saw06]. **Planes** [DT16]. **Planted** [HKP+18]. **player** [GMT11]. **player-specific** [GMT11]. **Plurality** [ADGH21, DGM18, AR08a, AR08b, AR09]. **Point**

[AK18, BHPR19, CRZ20, Cha13, CL22, HPJ21, KPR16, AMM07, BCH+12, CFH07, CDI+12]. **Point-Width** [CRZ20]. **Points** [AN16, ADGH21, DGM18, FPS22, ASW08, AHPSW10, CAY10]. **policies** [Jan05]. **polygon** [CAY10, CW10]. **Polygonal** [AFS18, BDR23]. **Polygons** [AW19, CDD+15, MW24]. **Polylogarithmic** [ALM+20, GHT18, Har18]. **Polymer** [BCP24]. **Polynomial** [AARA23, ALM+23, BCD12, BKM15, CDP19, DFM23, DHM+14a, FLS+18, GS17, GKPP22, KW14, KRS19, Laf23, LR15, LBSZ21, PRS12, PS16, SS18, AK12b, LDX09, SS09]. **Polynomial-Space** [GS17]. **Polynomial-Time** [BKM15, DFM23, FLS+18, BCD12, GKPP22, LDX09]. **polynomially** [Kau07]. **Polynomials** [Har19, MS17]. **Polytopes** [AAdFM22]. **Popular** [Kav24, Mes14]. **Poset** [Gab16]. **Positive** [BPR+17, DHS16]. **Potential** [FV19]. **Power** [BCP13, CDD+15, CSTW12, Hal12, ISG07]. **power-law** [CSTW12]. **Powers** [Laf23, BLS08]. **PQ** [BR16]. **PQ-Ordering** [BR16]. **Practical** [SCRS17]. **practically** [ADHY08]. **Practice** [CRTZ24]. **precedence** [DH12, JZ06]. **precise** [DK12]. **Predecessor** [Cha13, GMW20]. **Predictions** [ACE+23, JPS22]. **Preemption** [BFS19]. **Preferential** [ELMR21]. **prefix** [RRS07]. **Preimage** [MPQS20]. **Preprocessing** [BSWN15]. **Prescribed** [BH19]. **Preservers** [BW21]. **Preserving** [HL13, IN07]. **Price** [BGH19, GN14, DHMZ12]. **Price-based** [GN14]. **priced** [CFK+07]. **Pricing** [AR05, BCC+10]. **Primal** [DH18, VB08, BCM11]. **Primal-dual** [VB08, BCM11]. **Principle** [KLPP23]. **Principles** [ARS+14]. **priority** [AHRT05, ADHY08, EJK08, MTTZ06]. **Privacy** [BNS19, FJS14, JMR22]. **Private** [SCRS17]. **Prize** [CJJ20, Fuk17, HKKN12]. **Prize-Collecting** [Fuk17, HKKN12]. **Probability** [Bła20]. **Probably** [LMS18]. **probe** [GGM10]. **Probing** [PT16, Jan05, Vio05]. **Problem** [AKS21, BEJK19, BK16, CGK20, CCW18, CJJ20, CZ24, CMVZ16, CKL21a, DT16, EK20, Epp18, ER17, FGK+24b, Fuk17, HW19, HVV19, KK13, KK16, KR18, Kra14, KS16, MMS14, Mas21, MW24, NRS18, SW20a, Soc16, TY18, AMR09, AR08a, BK08, BH12, BHZ13, BPGN09, BG11, BHKK12, BKMSS11, CF05, Cha10b, CEGS11, CCHP12, CLLJ08, CKS05, CM07, DS08, DV10, EV10, EKS05, FHR07, FN10, GS09, GKLT09, HIMY07, HL06a, IMY10, Jac11, JR05, Kar09, KKW12, KMMP07, KMM11, LM11, MV08, NS10, RS09, SZ10]. **Problems** [AZBG+22, AGW23, ALM+20, AMW20, BG20, BFGT16, BR14, BDW19, BCC21, BR16, BFR23, BCK+20, BM20, BSSX20, BF18, CFRY22, CN19, Cha20, CLL14, CV20, CFM21, CDL+16, CGH17, CMWW19, CNP+22, FLN14, FLL+19, FGL+20, FLK+20, GMP23b, GKM16, GM12, GLLZ21, GWZ21, HPST19, Hir19, HL13, JW13, Khu05, Khu06, Khu07, KW16a, MP22, Mas21, PPSV18, Swa16, Wah22, AAA+06, AKR12, BST08, BRFF+12, BHLR10, CMM09, CEGS11, CKP12, CGNS08, CDHW09, CNP+11, DFR09, EKS05, FS11, GJL12, HKKN12, HLS09, HSB07, Kar08, KNS+07, Nut09, Nut12, SS09, ST08, YLW08]. **processes** [EP12, GLPP08, MTZ10]. **Processing** [GPSS15, JMR19]. **processors**

[KS08]. **Product** [CDJS17, FLPS17]. **Products** [SWYZ21]. **Programming** [CHA18, CKS19, EW20, LNR+14, MTK+19, RST14]. **programs** [CMS07, FP10]. **projective** [AGvS13]. **Promise** [VZ21]. **propagation** [IP11]. **Properties** [BMR22, CDJS17, GIKW19, KRS19, RT14, ABD+08, MR09, PR12]. **Property** [CDJS17]. **protocols** [GN14, GR10]. **Protrusion** [KLP+16a]. **Provably** [Kol08]. **provider** [BCKV06]. **Proximity** [EW20]. **pseudo** [II09]. **pseudo-cliques** [II09]. **Pseudopolynomial** [KX19]. **Pseudoprimes** [Sha16]. **PTAS** [AFHS20, CJ18, CJJ20, MZ23, MWsZ23]. **Puzzle** [NRS18].

QoS [CJST07]. **quadrangle** [BGLZ09]. **quadrangle-inequality** [BGLZ09]. **Quadratic** [GS18, MMS14, HLS09]. **quadtrees** [CFH07]. **Quality** [AFS18, GHM+24]. **Quantification** [FJS14]. **Quantum** [AMR09, MRR06]. **Quasi** [LR15, PS16]. **Quasi-Polynomial** [LR15, PS16]. **Quasiconvex** [Epp06]. **Quasipolynomial** [Wah22]. **Quasirandom** [DFS14]. **Queries** [FF23, GMW20, GIN+17, GSW24, HMZ16, KMNS17, Pre21, BCH+12, GRR06]. **query** [FLM+12]. **Querying** [CFK+07, SWYZ21]. **Quest** [BG21]. **Queueing** [BJKK18]. **queues** [AHRT05, EJK08, MTTZ06]. **Queuing** [CKR12]. **Quickly** [CW21, Oum08, Ruž09]. **quickselects** [MPV10]. **Quicksort** [ADK16, AD16, WNN15].

R [ADHY08]. **R-tree** [ADHY08]. **Race** [AA14]. **Radio** [MPY22, EK07]. **RAM** [Cha13]. **Ramsey** [ACE+20, Kra14]. **Ramsey-Type** [Kra14]. **Random** [BBHT17, DGG+20, ELMR21, GPSS15, HSS22, HTWZ19, BB09, BLW09, CFH07, FSP08, MZ12, PS10, PR08]. **Randomized** [AEP18, CV20, CKL+21b, FN20, KSS09, KKM11, KW14, PR08, BKS12]. **Range** [ACY12, CW16, GIN+17, WY18, BCEG07]. **Rank** [BFV22, HST15, IKM+06, BF09, FGL+20, Oum08]. **Rank-Balanced** [HST15]. **rank-convolutions** [BF09]. **Rank-maximal** [IKM+06]. **rank-width** [Oum08]. **Rank/Select** [BFV22]. **Ranked** [SSTV23]. **ranking** [CFR10]. **Rapid** [FGYZ22]. **Rate** [RS11b]. **Ratio** [LMMW16, BCM11, BF07, BM08, Kar09]. **Ray** [Tao14, GK09]. **Razborov** [CW21]. **Reachability** [Lac13]. **read** [Wil10]. **Real** [BG14, BNGK+09, BCMSM12, VWY10]. **Real-Time** [BG14, BNGK+09, BCMSM12]. **Realistic** [GSW24]. **Reallocation** [BFCF+17]. **really** [EP11]. **Reasoning** [AKL10]. **Rebalancing** [STK16]. **receiver** [EK06]. **recognition** [BLS08]. **Recognizing** [AFT19, Laf23]. **recolorings** [MSS11]. **Recompression** [Jez15]. **Reconfiguration** [LM19]. **Reconstruction** [CJL17, KMZ18]. **Recovery** [GLPS17]. **rectangle** [ELR+08]. **rectangles** [CKS09]. **Rectangular** [BGPV08]. **Rectilinear** [FLK+20, GK09]. **Recurrence** [HJT17, Epp06]. **recurrent** [Kau07]. **recursive** [OOB24]. **Reducing** [CJ18]. **Reduction** [MMS14, MOR13, NS09]. **redundancy** [BK08]. **Reflex** [CDD+15]. **register** [DP06]. **regret** [YLW08]. **Regular** [FGLS19, BFG09, GKK10]. **regulation** [HS09]. **rejections**

[AAG09]. **Related** [BFGT16, BDW19, CFRY22, GWZ21, CKP12]. **relations** [BHMS11]. **Relationship** [KR19]. **relative** [BF07, BM08]. **Relaxation** [Li17, VZ21, ABD+08, GGG10]. **relaxed** [DM09]. **Relay** [EFM+16]. **Reliable** [HPMO23]. **Rendezvous** [FP13, TSZ14, KKM11]. **rent** [BKLP07]. **rent-or-buy** [BKLP07]. **Reordering** [AER15]. **Repairmen** [HKKK16, FHR07]. **Repeats** [CCKN19]. **repetitions** [AAG09]. **Replacement** [GW20, RZ12, WY13, EPR10]. **Reporting** [EP16]. **Reports** [DP14]. **Representation** [BS18]. **Representations** [Gab16, FMMN07]. **Representative** [FLPS17]. **Representing** [BN15]. **Required** [PT16]. **Resampling** [Har21]. **reservation** [BM08]. **residents** [KMMP07]. **Resilience** [BHW20]. **Resilient** [FGI09]. **Resistance** [CLS+22]. **Resolution** [GM12]. **Resource** [JMR19, CCKR11, GN14]. **respect** [CGK+11]. **response** [FFM12, PUW08]. **Restore** [CMR18, FTK20]. **Restricted** [AKS17, MPQS20, Neu22, PS16, BNLT07]. **restriction** [GGG10]. **restrictions** [AMS06]. **Results** [BG21, EW20, GRSW16, CPR+11, GHKS06, GHKS13, HIMY07, KNS+07]. **Retractions** [FGZ21]. **Retrieval** [SSTV23]. **Retroactive** [DIL07]. **Reversal** [CBFWW15]. **Revisited** [ABH+18, CK07, HPR14, NS09]. **Ride** [GNR15, GHNR10a, GHNR10b]. **right** [DMM+12]. **Robust** [ARS+14, GMP23a, GNR16, HS06]. **roommates** [CF05]. **Rooted** [CLNV14, KL06, Saw06]. **roots** [Lau06]. **Rounding** [AZBG+22]. **Roundtrip** [RTZ08]. **Route** [CMVZ16]. **Routing** [AZ07, ADPP07, CGMZ16, CBFWW15, GMT11, JS23, KRX16, MZ23, AGM+08, CSTW12, HKRL07, KP08, RTZ08]. **Rule** [HJ15]. **Rumor** [DFS14].

s [BRFF+12, CRV11]. **S-T** [CRV11]. **Safe** [CRTZ24]. **Salesman** [AKS21, DT16, BHKK12]. **samples** [EMS10]. **Sampling** [BT24, BGGS24, BCP24, Bre23, CHGG+17, Coh18, BCEG07, FSP08, GKK10, MPV10, PT11]. **Santa** [AFS12]. **SAT** [CDL+16]. **Satisfaction** [AZBG+22, GRS17, CMM09, SS09]. **savings** [ISG07]. **Scalable** [BKN14, GHM+24, IM12]. **Scalably** [EP12]. **Scale** [BFF+22, KRX16]. **Scale-Free** [BFF+22, KRX16]. **Scaling** [BCP13, DPS18, AA14]. **schedule** [Wil10]. **Scheduling** [AFH+16, BKN14, HJ15, JMR19, KMPS16, LMMW16, SZ20, AZ07, BCD12, BNLT07, BNGK+09, BCMSM12, CCL+09, CEGK11, CKK10b, CRR09, DJP+12, EP12, EV06a, EK06, GHKS06, GHKS08, GP08, Hal12, IM12, JZ06, JLSS12, GHKS13]. **Scheme** [BKM15, BKM09a, BKM09b, CSTW12, LDX09, SS08a]. **Schemes** [BKK+19, FGL+20, FKRS19, HW19, JMR19, JS23, KRX16, IMM08, Kar08, KP08, Kor10, NHK08]. **SDD** [KLP16b]. **Search** [BCI+23, Cha13, CGMY22, ER17, GMW20, PS16, STK16, JS07]. **Searching** [AAHP+16, ACY12, FG08]. **seat** [BM08]. **secretary** [BHZ13]. **secrets** [AGKS07]. **Secure** [FIM+06, PR12]. **Seeds** [KKR+20]. **Segmentation** [ADV+16]. **Select** [BFV22]. **Selection** [AFHN16, AFK+15, CMR18, EHR16, GIN+17, Cha10a, Han07]. **Self**

[Elm17, JCCW22]. **Self-Adjusting** [Elm17]. **Self-Improving** [JCCW22]. **Selfish** [BHS14, ADPP07]. **Semi** [ER16, FLN14, KR16, PS19]. **Semi-Matching** [FLN14]. **Semi-matchings** [KR16]. **Semi-Streaming** [ER16, PS19]. **Semicontinuous** [AFK+15]. **Semidefinite** [DHS16]. **sender** [EK06]. **Sensitive** [CL22, Pag18]. **Sensitivity** [BBP23, GW20, WY13]. **sensor** [BMSV+09, FCFM09]. **separability** [AAK06]. **Separate** [GS17]. **separating** [Cab10]. **Separations** [CKP+19, JMR22]. **separator** [RW09]. **Separators** [LT24, LPS+20, MOR13]. **sequence** [CFLM07]. **Sequences** [BN15, TSZ14, FMMN07, FKW11, GGN06, Kau07, MN08]. **Sequential** [KR18]. **Server** [BEJK19, BEKN23, CKL21a, CV20, FN10]. **Service** [AGGP21, RKH20, BCKV06, MV08]. **sessions** [And09]. **Set** [ACGP16, ACS+22, ALM+19, ASS19, BHPR+20, CEGS11, CCHM15, DHK16, ER16, FLST18, FLL+19, GKPP22, HPJ21, Har19, LRS18, LM19, LMM+21, AAG09, BCN12, Cha10b, CCHP12, ELR+08, GKLT09, PRS12, RW10a, Tho10a, Tho10b]. **set-up** [ELR+08]. **SETH** [ABHS22, Bon22]. **SETH-based** [ABHS22]. **SETH-hard** [Bon22]. **Sets** [BHPR19, BDH+20, GS17, GNR16, LN22, LPS+20, AMS06, BLW09, Epp09a, FGPS08, RSS06]. **settings** [CCHP12]. **sex** [IMY10]. **sex-equal** [IMY10]. **Share** [AMNS17]. **shared** [AKM08, AC10]. **shared-memory** [AKM08, AC10]. **Shares** [CF20]. **Sharing** [BKLP07, IMM08]. **Shaving** [CZ24]. **shooting** [GK09]. **shop** [GHKS06, GHKS13]. **short** [KSS09]. **Shortcuts** [AFK+15]. **Shortest** [BCHR20, BFF+22, CW15, CR18, CSS21, DS11, FGK+24a, KMW10, Cab10, Cha12, DI06, Elk05, HSB07, HMS07, KK06, MTZ10, MZ12, RS11a, RZ12]. **shredders** [Heg06]. **SIAM** [BGN+18, DMT24, HK22, KADK22]. **side** [EV06b]. **Sided** [Kav24]. **Sigma** [SW20a]. **signatures** [Ruž09]. **Silent** [DP14]. **Simon** [AMR09]. **Simple** [CDD+15, CJL17, CGMY22, FGK+16, GWZ21, NS16, AMM07, CW10, HMS07, RZ12]. **Simpler** [CD17, LBSZ21, MM09, Rod08]. **Simplex** [DS19]. **Simplicial** [BS18]. **Simplified** [KN16]. **Simultaneous** [AGG+09, BR16]. **Single** [BCHR20, CNP+22, HJ15, KLP+16a]. **Single-Exponential** [KLP+16a]. **Single-Machine** [HJ15]. **Single-Source** [BCHR20]. **SINR** [AK18, HT21, KLPP23]. **Size** [EP16, EHL+18, HS18, LN22, NRS18, RS11b]. **Sizes** [MPQS20]. **sizing** [ELR+08]. **Skeletons** [CMV16]. **Sketches** [CD17]. **Skew** [RS17]. **Skew-Symmetric** [RS17]. **Skip** [AS07]. **Slack** [AEP18]. **sleep** [AA14]. **Small** [BCKM20, BFG+16, Bre23, CGH17, DGG+20, GJNW23, LPS+20, MTK+19, Neu24, And09, MOR13, PT11]. **Smaller** [ACHKP21]. **Smith** [HJ15]. **Smolensky** [CW21]. **Smoothed** [BCC21, DMM+12, ERV16, ER17, AK12a]. **Social** [GKK23]. **SODA** [BGN+18, DMT24, HK22, KADK22, Epp07, GBFC07, Gab09, HT10, MWY19, Mat10]. **SODA'11** [CRR13]. **SODA'12** [RRSW16]. **SODA'18** [LPW20]. **Solutions** [HJT17, BST08]. **solvable** [ASS08]. **Solving** [CNP+22, GM14, SW20a, DS08]. **Some** [Cha20, CDP19, GMS19, GRSW16, AR09, CGNS08, FP10, GKLT09, HSB07]. **Sort** [CFRY22, NZC11]. **Sorting**

[AFHN16, CMR18, DEK21, FTK20, FZ07, FG08, GS09]. **Source** [BCHR20, AGG+09]. **Space** [BCKM20, BKMV20, BFG+16, CDP21, EHR16, GS17, LBSZ21, WY18, BG11, Cha10a, DFR09, EMS10, GLS10, KMW10, PT11]. **Space-Constrained** [EHR16]. **Space-optimal** [BKMV20]. **Spaces** [HPMO23, LT24]. **Spanner** [BFH21, DKR16]. **Spanners** [BW21, CWN18, CDKL20, ES16, EN19, HPMO23, LT24, Sol13, BKMP10, BKS12, Elk11, GLNS08, Pet09, RTZ08]. **Spanning** [ACE+20, BD11, FGLS19, GT16a, GT16b, HKN17, PRS20, CS08, DV10, JR05, PR08, ZO08]. **Sparse** [BFG+16, BHPR19, Bon22, CRSS22, CI17, DHS16, EN19, FTK20, GIKW19, GLPS17, HT21, MTK+19, MWsZ23, OSSW20, PP16, Pre21, RT14, Sol13, BSSX20, Cla10, Elk11, Epp09a, MR09, YZ05]. **Sparsest** [CKM+24, KW16b, CGR08]. **Sparsification** [CDP21, KLP16b, PZ24, PPSV18]. **Spatial** [ADGH21]. **Special** [BGN+18, CHL+20, DMT24, HK22, KADK22, LPW20, MWY19, RRSW16, Epp07, GBFC07, Gab09, HT10, Mat10, CRR13]. **specific** [GMT11]. **Spectral** [BGGS24, FGYZ22, KLP16b]. **Speed** [BCP13, AA14, FFM12]. **Speeding** [GKM16]. **speedup** [BGLZ09, EP12]. **Speedups** [Cha20]. **Spider** [Fuk17]. **split** [Iba08]. **splittable** [EV06a, GMT11]. **Splitting** [CCG+24]. **Spreading** [DFS14]. **Square** [FGZ21]. **Square-free** [FGZ21]. **Squarepants** [Epp09b]. **Squares** [AARA23, HKP+18, Kol08]. **SRPT** [TM08]. **Stabbing** [Tao14, ELR+08]. **Stability** [CCDL16]. **stable** [CF05, HIMY07, IMY10, KMMP07]. **Stackelberg** [Swa12]. **Stars** [HMVW19]. **state** [AA14]. **Static** [FF23, NS14, ALLS07]. **station** [KMM11]. **stationary** [CRV11]. **Statistics** [Coh18]. **steepest** [AKR12]. **Steiner** [BKM09a, BKM09b, BKM15, CJJ20, CEGS11, CS07, CLNV14, CFM21, CDKL20, DHK14, DKN17, EKS05, FLK+20, GMP23a, HKKN12, KBNvL20, PPSV18]. **Steinitz** [EW20]. **Sticky** [AZBG+22]. **Stochastic** [BJKK18, DHK16, KR24]. **Stock** [NRS18]. **Storage** [BFCF+17]. **Straight** [CMV16]. **strategies** [MPV10, Swa12]. **Stream** [Coh18, CCM10]. **Streaming** [AN16, Bła20, BG14, Elk11, ER16, EHL+18, FF23, JW23, JW13, KR16, DFR09, FMS+10, PS19]. **Streams** [BDW19, CCMT14, BCEG07, HS09]. **Stretch** [EP16, AGM+08]. **strike** [LY08]. **String** [BCKM20, BGS23, BG14, EMTG23, FV16, BFG09, CKS05, CFLM07, CM07]. **String-Matching** [BG14]. **Strings** [Gaw13, BHMS11]. **Strong** [BG21, GHH22, AC10, HKM+12]. **Strongly** [BGMW20, KMMP07, Lac13, TSZ14]. **Structure** [BCSV20, BLS08, BNS19, Gab17, CFLM07]. **Structures** [BFV22, FF23, GIKW19, GIN+17, HMZ16, PP16, PP18, RT22, AKS08, DIL07, GKS+11]. **Study** [BBB20]. **Subconstant** [JW13]. **Subcubic** [AGW23, BGMW20]. **subdivisions** [CDI+12, GK09]. **Subexponential** [BFPP18, FLK+20]. **Subgraph** [HVV19, ST08]. **Subgraphs** [BKK17, BCP24, Bre23, Neu24, And10, HS06, PS10, VWY10]. **Subject**

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