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## Title word cross-reference

[KSS13, BGS11].  $O(\log \text{OPT} * \text{OPT})$  [Rot13].  
 $O(mn)$  [HKN13].  $O(n^2)$  [PSSZ10].  $P$   
[CLP13b, LMS10].  $q$  [KS12].  $st$  [BSWN10].

**#Knapsack** [GKM<sup>+</sup>11].

$(1 + e)$  [GP13].  $(1 + \epsilon)$  [PW11a]. 1 [AALV11].  
1/2 [BFNS12]. 2  
[BDSS11, CL12, DKN10, SCS11]. 3  
[Cyg13, DKPS10, DMW13, GH11, GN13,  
Her11, KT12, SS10b]. 5 [BDD<sup>+</sup>13]. #  
[CLX10].  $B$  [GS13a].  $d$  [SS12b].  $F$   
[FLMS12, GS13a].  $K$   
[CV13b, COV13, ABS10b, BBMN11, Bel12,  
CV13a, CHK12, KT11, KK10, Ros10a].  $M$   
[DPV11].  $m \log n$  [KMP11].  $O(c^k n)$   
[BDD<sup>+</sup>13].  $O(\log^2 \log n)$  [BG11].  $O(\log n)$

**-Approximate** [GP13, PW11a, PW11b].  
**-Approximation**  
[BDD<sup>+</sup>13, BFNS12, GP10, KSS13].  
**-Centers** [CHK12]. **-Certificates** [CLP13b].  
**-clique** [Ros10a]. **-Colorability** [COV13].  
**-Colorable** [DKPS10, KT12, KS12]. **-cut**  
[BSWN10]. **-Deletion** [FLMS12].  
**-Dimensional** [Cyg13]. **-Distinctness**  
[Bel12]. **-ellipsoid** [DPV11]. **-Factors**  
[GS13a]. **-Matching** [GS13a]. **-Means**  
[ABS10b, KK10]. **-Median** [ABS10b].  
**-Node** [CV13a]. **-query** [BDSS11].

**-Regular** [SS12b]. **-SAT** [GN13, Her11].  
**-Server** [BBMN11, CV13b]. **-way** [KT11].

**51st** [IEE10]. **52nd** [IEE11]. **53rd** [IEE12].  
**54th** [IEE13].

**Abstract** [CLLM10]. **AC0** [BIL12].  
**AC0-Circuits** [BIL12]. **Accelerated**  
[LS13]. **Access** [SST11]. **Active** [BBBY12].  
**Adaptive** [CLP10, SS13]. **Adaptivity**  
[IPW11]. **Additive** [BSLRZ12]. **Advance**  
[PSW13]. **Adversarial** [BGKS13, BK12].  
**Adversaries** [GKM<sup>+</sup>13]. **Adversary**  
[KMM11]. **Affine** [BSRZS12, HL13, Sha11].  
**Affine-Invariant** [BSRZS12, HL13].  
**Against**  
[KMM11, BK12, DHLAW10, GKM<sup>+</sup>13, IV12].  
**Agnostically** [Wim10]. **Algebra** [NN13].  
**Algebraic** [FF11, FS13, GS13a].  
**Algorithm** [AER13, BBMN11, Bel12,  
BDD<sup>+</sup>13, BSW11, CDW13, CL12, FNS11,  
FW12, IPS13, JY11, iKRW11, KSS13, KK10,  
MS13, RT12, Vem10a, WZ13]. **Algorithmic**  
[CGS12, DR10b, Dwo11]. **Algorithmics**  
[Pru11]. **Algorithms**  
[AKO11, And10, ABS10a, Ban10, CLX10,  
CLLM10, CE11, CS13, CV13b, CCH<sup>+</sup>12,  
DPV11, FLMS12, FR12, GS13a, GKMR11,  
GS12, HKK11, Le 12, LS13, Mad10, NN13,  
PS12, RW11, San10, SSY13].  
**All-or-Nothing** [KK13]. **All-Pairs**  
[HKN13, PSSZ10]. **Allocate** [ABGG12].  
**Allocation** [BFM13]. **Almost**  
[DKPS10, GT12a, HS12, KS12, Soh12].  
**Alphabets** [Kop12]. **Amortized**  
[BG11, BR11]. **Amplification**  
[DLWZ11, Li12, Wee10]. **Analysis**  
[HR10, PS12]. **Analyst** [DNV12]. **Analytic**  
[Gop10]. **Anarchy** [LT10]. **Annual**  
[IEE10, IEE11, IEE12, IEE13].  
**Anticoncentrated** [Kan12]. **any** [DPV11].  
**Applications** [CGS12, HM10, JR11, Kan12,  
KL11, KLL<sup>+</sup>12, Val12, Veg12, WN11].  
**Approach** [AALV11, BSLRZ12, GSS11,

Gop10, GLOV12, Vis12]. **Approaching**  
[KMP10]. **Approximate**  
[CFGS11, CLRS13, GP13, HKN13, LP10,  
PSW13, PW11a, PW11b, Vid13b, Vio11b].  
**Approximately** [AFHH13].  
**Approximating** [CV13a, DP10, GT12a,  
HPK13, LRV13, MS11a, MS11b, Rot13].  
**Approximation** [AW13, AKO10, And10,  
AGS13, BG13, BDD<sup>+</sup>13, BSW11, BFPS12,  
BFNS12, CLN13, CE11, CS13, CL12, Cyg13,  
FV13, FLMS12, FR12, GP10, GKMR11,  
GS11, JY11, KSS13, Mad10, SSY13].  
**Arbitrary** [SS12a]. **Area** [AALV11].  
**Arithmetic** [AIK11, GH11, GKKS13]. **Art**  
[Ano10c, Ano11d, Ano13d]. **Arthur** [HM10].  
**Aspects** [HSS10]. **Assembly**  
[DPR<sup>+</sup>10, DLP<sup>+</sup>12]. **Assumptions**  
[CLP10]. **Asymmetric** [AKO10].  
**Asynchronously** [ABGG12]. **Attacks**  
[DHLAW10]. **Auction** [LT10]. **Auctions**  
[Ala11, AFHH13, DV11, KSM10].  
**Augmented** [CCKM10]. **Author**  
[Ano10a, Ano11a, Ano12a, Ano13a].  
**Available** [Ano13g, Ano13h]. **Average**  
[FPRC13, KRT13]. **Average-Case** [KRT13].  
**Awards** [Ano11b, Ano12b, Ano13b].

**Back** [Ano12c, Mad13]. **Backdoors**  
[GS13b]. **Backward** [WZ13]. **Backyard**  
[ANS10]. **Bad** [BKO11]. **Balancing** [SS12a].  
**Balls** [CRSW11]. **Bandits**  
[BKS13, GKMR11]. **Barrier** [HKN13].  
**Based** [Bel12, BDMI11, Mad10]. **Baur**  
[CGS12]. **Bayes** [LT10]. **Bayesian** [Ala11].  
**Beck** [NNN12]. **Becomes** [CDW13].  
**Beliefs** [CM11]. **Berkeley** [IEE13]. **Better**  
[AGS13, GMR<sup>+</sup>12]. **between**  
[Mul12, WW10]. **Beyond**  
[BFPS12, AGM12, PR10]. **Bias** [HO11]. **Bin**  
[Rot13]. **Bins** [CRSW11, Rot13]. **Bipartite**  
[MSS13, RT12]. **Bipartiteness** [CMOS11].  
**Bit** [CK11]. **Black**  
[BP12, DR10b, GLOV12, SS10b, Wee10].  
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[DR10b, GLOV12, SS10b, Wee10]. **Blackbox** [Mul12]. **Blindfolded** [Vai11]. **Bodlaender** [EJT10]. **Boosting** [DRV10]. **Bound** [Alo10, ACNN11, BK10, BMMN11, BEO<sup>+</sup>13, KL11, LP10, PR10, Rub13]. **Bounded** [Cyg13, DKN10, FR12, GS13b, JPY12, iKT11, KT11, KK13, SSY13]. **Bounded-Round** [JPY12]. **Bounds** [BIL12, BDSS11, CMT11, CK11, CS12, FV13, FPRC13, Her11, KLL<sup>+</sup>12, KRT13, Lar12, PTW10, Pot10, RKS10, SS12a, SS10b]. **Box** [BP12, DR10b, GLOV12, SS10b, Wee10]. **Branching** [BRRY10, BV10, FS13]. **Breaking** [BEPS12, HKN13]. **Broadcast** [BFM13]. **Brunswick** [IEE12]. **Bucket** [BKKV10]. **Budget** [Sin10]. **Buffer** [AER13]. **Bulk** [GP10]. **Buy** [GP10]. **Buy-at-Bulk** [GP10]. **Buyer** [Ala11]. **Buyers** [Ala11]. **Buys** [Vio11b].

**CA** [IEE13]. **California** [IEE11]. **Calls** [HS12]. **Candidate** [GGH<sup>+</sup>13]. **Canonical** [BCS<sup>+</sup>13, Soh12]. **Capacities** [CHK12]. **Capacity** [GX13, KS11a]. **Capture** [CLX10]. **Cascading** [BEK<sup>+</sup>11]. **Case** [ANS10, FPRC13, KRT13]. **CC0** [LMS10]. **Cell** [Lar12]. **Centers** [CHK12]. **Central** [Mad13]. **Certificates** [CLP13b]. **Chain** [BK10]. **Channels** [GS10, KS11a]. **Chaos** [Kan12]. **Character** [DLWZ11, KL11]. **Chasing** [COV13]. **Chasm** [GKKS13]. **Choice** [FF11]. **Circuit** [BSKK<sup>+</sup>13, KLR12, Vio11a]. **Circuit-SAT** [BSKK<sup>+</sup>13]. **Circuits** [AIK11, BIL12, CS12, GGH<sup>+</sup>13, GH11, GKKS13, IPS13, SS10b]. **Classes** [iKR10]. **Classical** [Dru12]. **clique** [Ros10a, Ros10b]. **Closed** [GT12b, iKR10]. **Clustering** [ABS10b, CHLX13, GT12a, KK10]. **Code** [BGH<sup>+</sup>12, DG13]. **Codes** [BSRZS12, BKS<sup>+</sup>10, DGY10, GS10, GX13]. **Coding** [BKL11, BK12, CLL11, CPT13, GMS11, KL11]. **Coin** [BV10, HO11, JPY12, MPS10]. **Collecting** [KSS13]. **Colorability** [COV13]. **Colorable** [DKPS10, KT12, KS12]. **Coloring** [DG13, DMW13, KT12]. **Column** [BDMI11]. **Column-Based** [BDMI11]. **Combinatorial** [AALV11, Ala11, CVZ10, DV11, FW12, KT12, Lar11, LD11]. **Combinatorics** [BSLRZ12]. **Commitment** [CK11]. **Commitments** [GLOV12]. **Committee** [Ano10e, Ano10f, Ano11f, Ano11g, Ano12f, Ano12g, Ano13f, Ano13i]. **Common** [BP13]. **Communication** [BSLRZ12, BR11, BRWY13, GMS11, JPY12, KLL<sup>+</sup>12, ST13]. **commutative** [FS13]. **Commuting** [AE11]. **Competitive** [AER13, BBMN11]. **Complete** [GN13]. **Complexity** [AALV11, AE11, AAGG11, AKO10, BSLRZ12, BSKK<sup>+</sup>13, Ber12, BRWY13, CP11, GPS11, JPY12, KLL<sup>+</sup>12, LMR<sup>+</sup>11, LRV13, MPS10, Mul12, Ros10a, Ros10b, ST13, Vio10]. **Composable** [CLP10]. **Compressibility** [CS12]. **Compression** [Dru12]. **Computation** [CFGS11, Goy12, Wee10]. **Computational** [MPS10, Sly10, SS12b]. **Computationally** [GS10]. **Compute** [GR12]. **Computer** [IEE10, IEE11, IEE12, IEE13]. **Computing** [CDW12b, Mek12, Pru11, Vai11]. **Concave** [Veg12]. **Concepts** [Vem10b]. **Concurrent** [CLP13b]. **Concurrently** [Goy12]. **Condition** [RST<sup>+</sup>11]. **Conditions** [AE11, iKRW11]. **Configurations** [SS10b]. **Congestion** [CFGS11, CL12, SCS11]. **Conjecture** [Sid13, TWXZ13, NNN12]. **Connected** [CV13a]. **Connections** [CLN13]. **Connective** [SSY13]. **Connectivities** [CLL11]. **Connectivity** [CNP<sup>+</sup>11, FR12, Pot10]. **Consequences** [NNN12]. **Constant** [ANS10, BAETS10, BSKK<sup>+</sup>13, BFM13, BSW11, BMMN11, CS12, CLP13b, HO11, Li13, SSY13, Vid13a]. **Constant-Depth** [CS12]. **Constant-Round** [CLP13b]. **Constrained** [DG13]. **Constraint** [CLRS13, FW12]. **Construct** [Zha12]. **Constructing**

- [GLOV12, HS12]. **Constructions** [GS10]. **Constructive** [Ban10, HSS10, LM12]. **Contents** [Ano10i, Ano11j, Ano12j, Ano13n]. **Continual** [BKKV10]. **Continually** [DLWW11]. **Continuous** [DHLAW10, FNS11, KS11a]. **Continuous-Time** [KS11a]. **Contractions** [CCH<sup>+</sup>12]. **Conversion** [LMR<sup>+</sup>11]. **Convex** [Vem10b]. **Coordinate** [LS13]. **Copyright** [Ano10b, Ano11c, Ano12d, Ano13c]. **Correlated** [GKMR11]. **Correlation** [BRS11]. **Correlations** [Val12]. **Corrigendum** [Vem10a]. **Cost** [AAZ10, BFM13, CCKM10, CV13a, RT12]. **Costs** [BGMS11]. **Counterexample** [NNN12]. **Counting** [GKM<sup>+</sup>11, IW12, RST<sup>+</sup>11, SS12b, Vio11b]. **Coupled** [BGKS13]. **Coupled-Worlds** [BGKS13]. **Courcelle** [EJT10]. **Cover** [Ano10c, Ano11d, Ano13d, Ano12c]. **Coverings** [DPV11]. **Covers** [KSM10]. **Cryptographic** [GM11, GLR10]. **Cryptography** [BKKV10, DHLAW10, GKM<sup>+</sup>13]. **CSP** [CLX10]. **CSPs** [TZ12]. **Cuckoo** [ANS10]. **Curvature** [Sid13]. **Cut** [AGS13, CCH<sup>+</sup>12, iKT11, KT11, Mad10, BSWN10]. **Cut-Based** [Mad10]. **Cuts** [KSM10]. **Cutting** [CVV12]. **Cycles** [BH13, CGS12, RW11].
- D** [AALV11, DMW13]. **Data** [BGKS13, HR10, JR11, LP10]. **Decidable** [CC10]. **Deciding** [DKT10]. **Decision** [BIL12, FKP11]. **Decoding** [BAETS10, Gop10]. **Decompositions** [And10]. **Degree** [DKN10, DG13, FR12, LMS10]. **Degree-Bounded** [FR12]. **Degrees** [MSS13]. **Delaunay** [Rub13]. **Delays** [KS11a]. **Deletion** [FLMS12]. **DeMorgan** [KRT13]. **Dense** [CDK12]. **Density** [HPK12]. **Dependent** [CVZ10].
- Depth** [CS12, GH11, GKKS13, IPS13, SS10b, Vio11b]. **Depth-** [GH11, SS10b]. **Derandomization** [HKN13, Mul12]. **Descent** [LS13]. **Design** [AAZ10, BFM13, CDW12a, CDW13, CEGP10, CM11, DR10b, FR12, GKM<sup>+</sup>13]. **Designing** [CCH<sup>+</sup>12]. **Designs** [GK13]. **Determinant** [Bjö10]. **Developments** [Vai11]. **Deviation** [BIL12]. **Devices** [DLWW11]. **Diagrams** [CHLX13, HPK13]. **Diameter** [CGS12]. **Dichotomy** [CC10]. **Differential** [BBvdH12, BBDS12, DRV10, Dwo11, MMP<sup>+</sup>10]. **Differentially** [BN10]. **Digraphs** [LNSWN12]. **Dimension** [ACNN11]. **Dimensional** [Cyg13, CDW12a]. **Direct** [BRWY13, Dru13, JPY12]. **Directed** [BH13, BKM<sup>+</sup>11, CC10, CMPP13, Pot10]. **Direction** [IW12]. **Dis** [AAZ10]. **Discrepancy** [Ban10, Lar11, LM12]. **Disjoint** [And10, CL12, CMPP13, SCS11]. **Disjointness** [BP13, BEO<sup>+</sup>13, ST13]. **Disk** [HLP13]. **Dispersers** [Sha11]. **Dissection** [AY10]. **Distance** [AKO10, GW12, HL13, PR10, PRT12]. **Distinctness** [BCM13, Bel12]. **Distributed** [BEPS12, FKP11]. **Distribution** [BS10]. **Distributions** [Vem10b, Vio10, Wim10]. **Double** [Tho13]. **Down** [HPK12]. **Drawing** [DMW13]. **Driven** [GKM<sup>+</sup>13]. **Dynamic** [BGS11, GP13, HKN13, LP10]. **Dynamics** [Cha12].
- Easy** [Cha13]. **Economics** [AFHH13]. **economies** [AAZ10]. **Edge** [And10, CL12, SCS11]. **Edge-Disjoint** [And10, CL12, SCS11]. **Edges** [LM12]. **Edit** [AKO10]. **Efficient** [BV11, BK12, CFGS11, DR10a, GMS11, GKL11, HM10, LS13, Wee10]. **Efficiently** [BWY12]. **Eigenvalues** [GS11]. **Electrical** [Mad13]. **Element** [BCM13]. **ellipsoid** [DPV11]. **Embedding** [Sid13]. **Embeddings** [NN13]. **Encryption** [BV11, GGH<sup>+</sup>13, GH11, Vai11]. **Entangled**

[IV12, Vid13b]. **Entropy** [Li13, Sha11]. **Enumerative** [DPV11]. **Environmentally** [CLP13a]. **eps** [PW11b]. **Epsilon** [Alo10]. **Epsilon-Nets** [Alo10]. **Equal** [ST13]. **Equals** [BR11]. **Equilibria** [CFG11, Veg12]. **Equilibrium** [GPS11]. **Equivalence** [Mul12]. **Equivalences** [RW11, WW10]. **Errors** [KLR12]. **Estimating** [HL13, SS10a]. **Estimation** [HPK12]. **Estimators** [VV11]. **Euclidean** [BG13]. **Euler** [CS13]. **Evaluating** [Lar12]. **Evaluation** [CRSW11]. **Everywhere** [CDK12]. **Everywhere-Sparse** [CDK12]. **Evolution** [Kan11a]. **Exchange** [CVZ10]. **Exclusion** [BG11]. **Exists** [ST13]. **Exists-Equal** [ST13]. **Expander** [CLL11]. **Expanders** [Tho13]. **Expanding** [Ala11]. **Expansion** [BFK<sup>+</sup>11, GT12a, LRV13, PTW10]. **Expected** [LD11]. **Explicit** [GMS11, GS10, GK13]. **Exploiting** [BGKS13]. **Exponential** [CNP<sup>+</sup>11, HK12, BK10]. **Exponentially** [ES11]. **Extendability** [MM10]. **Extension** [KL11, MM10]. **Extensions** [HLP13]. **Extractors** [DLWZ11, Li12, Li13, Vio11a]. **Extreme** [CD11]. **Extreme-Value** [CD11]. **Eyes** [GT12b].

**Factor** [BSW11]. **Factors** [GS13a]. **Failures** [BEK<sup>+</sup>11]. **Fair** [BFM13]. **Families** [BS10, CRSW11, MSS13]. **Fast** [GW12, Mad10, Tho13, WY10]. **Faster** [BCS<sup>+</sup>13, CRSW11, GS12, Her11, Le 12, LS13, NN13]. **Fault** [DPR<sup>+</sup>10]. **Fault-Tolerance** [DPR<sup>+</sup>10]. **Feasible** [Sin10]. **Fields** [BDSS11, HSS11, LMS10]. **Fighting** [San10]. **Finding** [Ber12, DKPS10, KS12, Val12]. **Finite** [BDSS11, LMS10]. **First** [DKT10]. **First-Order** [DKT10]. **Fixed** [CMPP13, iKT11, KT11]. **Fixed-Parameter** [CMPP13, iKT11, KT11]. **Flipping** [HO11, MPS10]. **Flow** [BSW11, BKM<sup>+</sup>11, KK13]. **Flows** [KSM10, LNSWN12, Mad13, She13, Veg12]. **Fools** [DKN10]. **Forest** [HLP13]. **Foreword** [Ano10d, Ano11e, Ano12e, Ano13e]. **Forming** [BKO11]. **Forms** [BCS<sup>+</sup>13]. **Formula** [KRT13, San10]. **Formulas** [BPW11, GKL11, KLR12]. **Forward** [WZ13]. **Forward-Backward** [WZ13]. **Foundations** [IEE10, IEE11, IEE12, IEE13]. **Fourier** [Gop10, LMS10, TWXZ13]. **Fourier-Analytic** [Gop10]. **FPT** [CCH<sup>+</sup>12, FLMS12]. **FPTAS** [GKM<sup>+</sup>11]. **Fractionality** [KK13]. **Framework** [BGS10, HS13]. **Free** [CV13a, WN11]. **Frequency** [BCM13]. **Friendly** [CLP13a]. **Frugal** [CEGP10, KSM10]. **Fully** [BGS11, BV11, GH11, GP13, Vai11]. **Functional** [GGH<sup>+</sup>13]. **Functions** [BWY12, COPV13, DKN10, FV13, HO11, JR11, Kan11b, Kan12, Zha12]. **Fuzzy** [DPR<sup>+</sup>10].

**Gallai** [SS10b]. **Game** [KS11b]. **Games** [ABS10a, CFGS11, GH13, HM10, KMM11, Vid13b]. **Gap** [GX13]. **Garble** [AIK11]. **Gaussian** [Kan12, Mek12, Vem10b]. **Gaussians** [Kan11b, MV10]. **General** [Her11, Kop12]. **Generalized** [HPK13, HKK11, LT10, Veg12]. **Generator** [HS12]. **Generators** [BRRY10, GMR<sup>+</sup>12, LMS10]. **Genus** [CS13]. **Geometric** [Mul12, RKS10]. **Geometry** [BP10, IKM10]. **Gibbard** [IKM10]. **Global** [BRS11]. **Going** [AGM12]. **Goldreich** [TW11]. **Graph** [BFK<sup>+</sup>11, Bel12, CC10, CLL11, DMW13, GT12a, GS11, iKRW11]. **Graphic** [MS11a, MS11b]. **Graphs** [BCS<sup>+</sup>13, BSWN10, BKM<sup>+</sup>11, BDR<sup>+</sup>12, CV13a, CLL11, CMOS11, DFP10, DKPS10, DKT10, KT12, KK13, KS12, Mad10, MSS13, PRT12, RT12, Ros10a, Ros10b, SCS11, SSY13, SS12b, WN11]. **Greedy** [FNS11, PS12]. **Green** [Pru11]. **Grid**

[RST<sup>+</sup>11]. **Grothendieck** [BMMN11].  
**Group** [CDW12b, Lar11].

**Halfspaces** [Vem10a]. **Hamiltonian**  
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[CHK12, Vid13b]. **Hardness**  
[CLP10, DKPS10, DG13, KS12, SS12b].  
**Hardnesses** [CLN13]. **Hash** [CRSW11].  
**Hashing** [ANS10]. **Hierarchies**  
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[FS13, Mul12, SS10b]. **IEEE**  
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**iii** [Ano10k, Ano11l, Ano13p]. **Images**  
[TR10]. **Imperfect** [RT12]. **Implies** [HO11].  
**Impossibility** [BP12, BN10, FF11].  
**Improved** [AER13, Cyg13, GW12, KRT13,  
RST<sup>+</sup>11, RKS10, San10, SS10b]. **Incentive**  
[GKM<sup>+</sup>13]. **Incentive-Driven** [GKM<sup>+</sup>13].  
**Incentives** [CDW13]. **Increasing** [SS10a].  
**Independence** [CV13a, DKN10, Tho13].  
**Independence-Free** [CV13a].  
**Independent** [AW13, CLN13, DDO<sup>+</sup>13,  
DKPS10, KS12, Li13, RST<sup>+</sup>11]. **Index**  
[Ano13a, CCKM10, Ano10a, Ano11a,  
Ano12a]. **Indexing** [Kop12].  
**Indistinguishability** [GGH<sup>+</sup>13]. **Induced**  
[CLN13, CHLX13]. **Infinity** [PRT12].  
**Influence** [Cha12]. **Information**  
[Ano11h, Ano13j, BP13, BR11, CCKM10,  
KLL<sup>+</sup>12, Ano12h]. **Insecurity** [LW10].  
**Instance** [Dru12]. **Integer**  
[DDO<sup>+</sup>13, GS11]. **Interactive**  
[BK12, CS12, CPT13, GMS11, IV12].  
**Interlacing** [MSS13]. **Intersection**

[Vem10a]. **Intrinsically** [DLP<sup>+</sup>12].  
**Invariant**  
[BSRZS12, BGS10, HL13, Wim10]. **Inverse**  
[Vid13a]. **Irrelevant** [KW12].  
**Isomorphism** [BWY12].  
**Isomorphism-Testable** [BWY12].  
**Iterative** [FR12, LMP13]. **Itself** [BBDS12].

**Jersey** [IEE12]. **Johnson** [BBDS12]. **Join**  
[BDR<sup>+</sup>12]. **Juntas** [FV13, Val12].

**k-clique** [Ros10b]. **K-Vertex-Disjoint**  
[CMPP13]. **k-way** [iKT11]. **Kernelization**  
[FLMS12, KW12]. **Key** [BKKV10]. **Kinetic**  
[Rub13]. **Klee** [Cha13]. **Knapsacks**  
[BKS13, GKMR11]. **Knowing** [PSW13].  
**Knowledge** [CLP13b, CPT13].  
**Knowledge-Preserving** [CPT13]. **Krivine**  
[BMMN11].

**L1** [ACNN11]. **Language** [CCKM10].  
**Large** [BIL12, CLRS13]. **Lasserre** [GS11].  
**Lattice** [DPV11]. **Law** [AALV11]. **Layered**  
[DMW13]. **Layout** [CKR11]. **Layouts**  
[DMW13]. **LCCs** [BDSS11]. **Leakage**  
[BKKV10, GR12, LW10]. **Leaky**  
[DLWW11]. **Learnability** [MV10].  
**Learning** [AGM12, BS10, Bel12, CHW10,  
DDO<sup>+</sup>13, Val12, Vem10a, Vem10b, Wim10].  
**Learning-Graph-Based** [Bel12]. **Least**  
[BEK<sup>+</sup>11]. **Lemke** [GPS11]. **Lemma**  
[HSS10, Mul12]. **Levin** [TW11].  
**Lexicographic** [BKL11]. **Lie** [CDW12b].  
**Light** [ES11]. **Lighter** [ES11]. **Limitations**  
[DV11]. **Limits** [BFPS12, Dru12, MMP<sup>+</sup>10].  
**Lindenstrauss** [BBDS12]. **Line**  
[BK10, Kop12]. **Linear** [AY10, ACNN11,  
BG13, BSRZS12, BBvdH12, BGS10,  
BSWN10, BKM<sup>+</sup>11, BFPS12, BFNS12,  
DP10, HS12, KMP10, KMP11, LS13, NN13,  
She13, TZ12, VV11, Alo10, BKL11, GH13].  
**Linear-Invariant** [BGS10]. **Links**  
[Ano13k, Ano13l]. **Lipschitz** [JR11, MM10].  
**List** [BAETS10, Kop12]. **LMP** [KSS13].

**Load** [SS12a]. **Local** [AE11, BAETS10, Cyg13, DJW13, FKP11, GT12a, GS12, HSS10]. **Locality** [BEPS12]. **Locally** [BSRZS12]. **Log** [TWXZ13, Vid13a]. **Log-Rank** [TWXZ13]. **Logspace** [EJT10]. **Long** [BGH<sup>+</sup>12, DG13]. **Longest** [SS10a]. **Lossy** [MS13]. **Lovász** [HSS10]. **Low** [DG13, LMS10]. **Low-Degree** [DG13, LMS10]. **Lower** [Alo10, ACNN11, BIL12, BDSS11, CS12, FPRC13, KLL<sup>+</sup>12, KRT13, Lar12, LP10, PTW10]. **LP** [CLRS13, CHK12]. **LTCs** [Vid13a]. **LWE** [BV11].

**Machine** [CHW10]. **Made** [Cha13]. **Making** [BGH<sup>+</sup>12]. **malleability** [Wee10]. **malleable** [DLWZ11, GLOV12, Li12]. **Management** [AER13]. **Manipulation** [IKM10]. **Many** [Ala11]. **Market** [Veg12]. **Markov** [CKR11]. **martingale** [GKMR11]. **Matchgates** [CLX10]. **Matching** [BGS11, CLN13, Cyg13, DP10, DGY10, GS13a, GT12b, MP12, PS12]. **Matchings** [CVV12, CGS12, GP13, IW12, Mad13, MS11a, MS11b, RT12]. **Matrix** [BDMI11, Le 12, WY10, WW10]. **Matroid** [FW12]. **Max** [LNSWN12, BFK<sup>+</sup>11]. **Maximal** [BGS11]. **Maximization** [BGMS11, BFSN12, CDW12a, FNS11, FW12]. **Maximizing** [LD11]. **Maximum** [AW13, BKM<sup>+</sup>11, DP10, PS12, SCS11, She13]. **Means** [ABS10b, KK10]. **Measure** [Cha13]. **Mechanism** [CDW12a, CDW13, CEGP10, CM11, DR10b, HR10, HK12]. **Mechanisms** [Ala11, BN10, DV11, Sin10]. **Median** [ABS10b]. **Medium** [SST11]. **Membership** [LP10]. **Memory** [BKKV10, DHLAW10]. **Memoryless** [CV13b]. **Merlin** [HM10]. **Message** [BEO<sup>+</sup>13]. **Message-Passing** [BEO<sup>+</sup>13]. **Method** [CVV12, GPS11]. **Methods** [LS13]. **Metric** [MM10, PTW10]. **Milder** [GMR<sup>+</sup>12]. **Min** [BFK<sup>+</sup>11, BSWN10, Li13, RT12]. **Min-Cost** [RT12]. **Min-Entropy** [Li13]. **Min-max** [BFK<sup>+</sup>11]. **Minimax** [DJW13]. **Minimization** [Ban10, HPK13, LM12]. **Minimum** [AAZ10, CV13a, iKT11, KT11, RW11]. **Minimum-Cost** [AAZ10, CV13a]. **Minor** [iKR10, iKRW11, WN11]. **Minor-Closed** [iKR10]. **Minor-Free** [WN11]. **Mixing** [CMT11, RST<sup>+</sup>11, SSY13]. **Mixtures** [MV10]. **Model** [BEO<sup>+</sup>13, CLP10, DLP<sup>+</sup>12, Goy12, Lar11]. **Models** [AGM12, KMM11, SS12b]. **Moments** [BCM13]. **Monotone** [FPRC13, Pot10, Ros10a, Ros10b]. **Moser** [HS13]. **Motions** [Rub13]. **Muller** [BKS<sup>+</sup>10, Gop10]. **Multi** [CDW12a, IV12]. **Multi-dimensional** [CDW12a]. **Multi-prover** [IV12]. **Multicommodity** [KK13]. **Multidimensional** [CD11]. **Multilinear** [GKL11]. **Multiple** [BKM<sup>+</sup>11]. **Multiple-Sink** [BKM<sup>+</sup>11]. **Multiple-Source** [BKM<sup>+</sup>11]. **Multiplication** [BBvdH12, Le 12, WY10]. **Multiplicative** [HR10]. **Multiplicities** [CDW12b]. **Multivariate** [HSS11]. **Multiway** [CE11]. **Mutual** [BG11].

**Narrow** [Ber12]. **Nash** [CFGS11, LT10]. **Navigating** [Mad13]. **Near** [ACNN11, BSWN10, BKM<sup>+</sup>11, BDMI11, DP10, PTW10, Rub13]. **Near-Linear** [BSWN10, BKM<sup>+</sup>11, DP10]. **Nearly** [HK12, KMP11, She13]. **Nearly-** [KMP11]. **negative** [CC10]. **Neighbor** [PTW10]. **Nested** [AY10]. **Nets** [Alo10]. **Network** [AAZ10, BFM13, BKL11, CLL11, FR12, SS12a]. **Networks** [BEK<sup>+</sup>11, FPRC13, Pot10, SS13]. **Nevada** [IEE10]. **NEXP** [IV12]. **Node** [CV13a, FR12, HLP13, KSS13, NPS11]. **Node-Connectivity** [FR12]. **Node-Weighted** [HLP13, NPS11]. **Noether** [Mul12]. **Noise** [BK12]. **Non** [Alo10, BP12, BKL11, CC10, CHK12,

DLWZ11, FS13, GH13, GLOV12, GKMR11, Li12, Sid13, Wee10]. **Non-Black-Box** [BP12]. **Non-commutative** [FS13]. **Non-linear** [Alo10, BKL11, GH13]. **Non-malleability** [Wee10]. **Non-malleable** [DLWZ11, GLOV12, Li12]. **Non-martingale** [GKMR11]. **Non-negative** [CC10]. **Non-positive** [Sid13]. **Non-uniform** [CHK12]. **Nondeterministic** [Dru13]. **Nonrepetitive** [DMW13]. **Norm** [DPV11, KK10, TWXZ13]. **Normalization** [Mul12]. **Nothing** [KK13]. **notice** [Ano12d]. **NP** [Vid13b]. **NP-Hard** [Vid13b]. **Number** [BAETS10, DFP10, HS12, Li13]. **Numerical** [NN13].

**O** [GP10]. **Obfuscation** [BP12, GGH<sup>+</sup>13]. **Objectives** [GS11]. **Oblivious** [FS13]. **October** [IEE10, IEE11, IEE12, IEE13]. **On-Line** [BK10, Kop12]. **Once** [BPW11, FS13]. **One** [COPV13, GP10, HO11, KS11b]. **One-Way** [COPV13, HO11]. **Ones** [ES11]. **Online** [HLP13, MP12, NPS11]. **Operations** [ANS10]. **Operators** [BBvdH12, MM10]. **Opinion** [BKO11]. **Optimal** [AFHH13, BKS<sup>+</sup>10, BDMI11, BN10, CD11, CDW12a, CK11, FV13, FLMS12, GT12a, GS10, HSS11, HK12, Sid10, Soh12, BBvdH12]. **Optimality** [KMP10]. **Optimization** [CHW10, LD11]. **Oracle** [BSWN10]. **Oracles** [GH13, GW12, PR10, PRT12]. **Order** [AE11, DKT10]. **Ordered** [Kop12]. **Organizing** [Ano10e, Ano11f, Ano12f, Ano13f]. **OSNAP** [NN13]. **Our** [GT12b]. **Overcoming** [BKKV10]. **Own** [BKO11].

**Packing** [Rot13]. **Page** [Ano10b, Ano10h, Ano10j, Ano10k, Ano11c, Ano11k, Ano11l, Ano13c, Ano13o, Ano13p, Ano12k, Ano12l]. **Paintings** [HLP13]. **Pairs** [HKN13, PSSZ10]. **Palm** [IEE11]. **Parallel** [CP11, JY11, LW10]. **Parameter** [CMPP13, iKT11, KT11]. **Parameterized** [CNP<sup>+</sup>11]. **Parities** [Val12]. **Parity** [BH13, iKRW11]. **Partial** [HS13, WY12]. **Partially** [BWY12]. **Partition** [CE11]. **Partitioning** [BFK<sup>+</sup>11, BK10, GS11]. **Partitions** [BDR<sup>+</sup>12]. **Party** [JPY12, MMP<sup>+</sup>10]. **Passing** [BEO<sup>+</sup>13]. **Path** [Mad13, WW10]. **Paths** [And10, BSW11, CL12, CMPP13, GS13a, GW12, HKN13, PSSZ10, SCS11, WY10, WZ13]. **Pathwidth** [Cyg13]. **PCA** [Vem10b]. **PCPs** [BSKK<sup>+</sup>13, DG13]. **Column** [DR10a]. **Perebor** [San10]. **Perfect** [CVV12, IW12]. **Permanent** [Vis12]. **Permutation** [Wim10]. **Permutations** [NNN12, RKS10]. **Plain** [CLP10, Goy12]. **Planar** [Alo10, BSWN10, BKM<sup>+</sup>11, CMPP13, CMOS11, DFP10, FLMS12, KK13, LNSWN12, SCS11, Sid13, CLX10]. **Planarization** [Sid10]. **Plane** [CVV12]. **Play** [KMM11]. **Player** [Vid13b]. **Playing** [GH13]. **Polar** [GX13]. **Polarization** [GX13]. **Poly** [Vid13a]. **Poly-Log** [Vid13a]. **Polylogarithmic** [AKO10, BBMN11, CL12, Li13, SS10a]. **Polylogarithmic-Competitive** [BBMN11]. **Polynomial** [BS10, CVV12, GX13, Kan11b, Kan12, MV10, MS13, Mul12, Sha11]. **Polynomials** [HSS11, Lar12, LMS10]. **Poorly** [Kan12]. **Population** [MS13, WY12]. **Positive** [Goy12, JY11, Sid13]. **Power** [BKL11, DNV12, IPW11, TZ12, VV11]. **PPSZ** [Her11]. **Precisely** [CLX10]. **Precision** [AKO11]. **Predecessor** [Kop12]. **Preprocessing** [BSWN10]. **Presence** [GR12]. **Preserves** [BBDS12]. **Preserving** [CPT13, HR10]. **PRG** [Kan11b]. **Price** [BFM13, LT10]. **Pricing** [CD11, CLN13]. **Prime** [HSS11]. **Privacy** [BGKS13, BBDS12, DLWZ11, DJW13, DRV10, Dwo11, DNV12, HR10, JR11, Li12, MMP<sup>+</sup>10]. **Privacy-Preserving** [HR10]. **Private**

[BN10, HK12]. **Prize** [KSS13]. **Probability** [Dru13, PSSZ10]. **Probe** [Lar12]. **Problem** [And10, BBMN11, BV10, Cha13, CV13b, CMPP13, GSS11, HKK11, KK13, PS12, Vis12]. **Problems** [ABS10a, CS13, CCH<sup>+</sup>12, CNP<sup>+</sup>11, GKM<sup>+</sup>11, LD11, Mad10, NPS11, ST13, WW10]. **Proceedings** [Ano13g, Ano13h, IEE10, IEE11, IEE12, IEE13]. **Processes** [Mek12]. **Product** [Dru13, HM10, JPY12]. **Production** [BGMS11]. **Products** [BKL11, BRWY13]. **Profile** [GT12a]. **Profit** [BGMS11]. **Program** [Ano10f, Ano11g, Ano12g, Ano13i]. **Programming** [BRS11, GS11, JY11, TZ12]. **Programs** [BFPS12, BRRY10, BV10, FS13]. **Promise** [Dwo11]. **Proof** [FF11, IKM10, IV12]. **Proofs** [Ber12]. **Properties** [BGS10, CVZ10, DKT10, HL13, TR10]. **Property** [BBBY12, Soh12]. **Protocol** [GKM<sup>+</sup>13]. **Protocols** [CLP13a, GM11, GLR10, KLL<sup>+</sup>12]. **Prover** [KS11b, IV12]. **Provers** [IV12]. **Proximity** [HPK12, HPK13]. **PSD** [GS11]. **Pseudorandom** [BRRY10, GMR<sup>+</sup>12, HS12, LMS10]. **Pseudorandomness** [BPW11, BV10, IMZ12]. **PTAS** [ABS10b, Mek12]. **Public** [BKKV10, JPY12]. **Public-Coin** [JPY12]. **Public-Key** [BKKV10]. **Publisher** [Ano12h, Ano11h, Ano13j]. **Pure** [CFG11, LT10].

**QBF** [San10]. **QMA1** [GN13]. **QMA1-Complete** [GN13]. **Quadratic** [GS11, Rub13, TW11]. **Quantitative** [IKM10]. **Quantum** [AALV11, Bel12, CK11, Dru12, GN13, HM10, LMR<sup>+</sup>11, Zha12]. **Quasi** [BBvdH12]. **Quasi-optimal** [BBvdH12]. **Quasipolynomial** [FS13]. **Quasipolynomial-Time** [FS13]. **Queries** [BAETS10, Kop12]. **Query** [AKO10, BSKK<sup>+</sup>13, LMR<sup>+</sup>11, BDSS11]. **Queue** [DFP10, DMW13]. **Queues** [SST11]. **Quick** [Ano13k, Ano13l].

**Rabbit** [HPK12]. **Raecke** [And10]. **Ramanujan** [MSS13]. **Random** [CMT11, CMOS11, DDO<sup>+</sup>13, GKL11, Ros10a, Ros10b, Vem10a, Zha12, KMM11]. **Randomized** [CVZ10, CV13b, CCH<sup>+</sup>12, DR10b, DV11, GSS11, PS12, SS12a]. **Randomness** [CP11, Vio11b]. **Range** [AMS12, Lar11]. **Rank** [BSLRZ12, SS10b, TWXZ13]. **Rarity** [Lev12]. **Rate** [BSKK<sup>+</sup>13, GS10, Vid13a]. **Rates** [DJW13]. **Rational** [GKM<sup>+</sup>13]. **Rationality** [GLR10]. **Read** [BPW11, FS13]. **Read-Once** [BPW11, FS13]. **Recognition** [CCKM10]. **Recombination** [Kan11a]. **Reconstruction** [BDMI11, GKL11, JR11]. **Recovery** [IPW11, MS13, PW11a, PW11b, WY12]. **Rectangles** [AW13]. **Rectangular** [Le 12]. **Reducing** [CDW12a]. **Reduction** [ACNN11]. **Reductions** [Dru13, DR10b]. **Reed** [BKS<sup>+</sup>10, Gop10]. **Regency** [IEE12]. **Regular** [BCS<sup>+</sup>13, BRRY10, SS12b]. **Related** [ABS10a, CS13, GKM<sup>+</sup>11, NPS11]. **Relating** [BSLRZ12]. **Relaxations** [CLRS13]. **Renaming** [AAGG11]. **Reordering** [AER13]. **Repetition** [CP11, LW10]. **Replacement** [GW12, WY10]. **Representation** [ANS10]. **Representations** [CDW12b]. **Representative** [KW12]. **Requires** [CLRS13, HS12]. **Resampling** [HS13]. **Resettability** [COPV13]. **Resilience** [LW10]. **Resilient** [BKKV10, KLR12]. **Restrictions** [GMR<sup>+</sup>12]. **Results** [Goy12]. **Revenue** [CDW12a]. **Reviewers** [Ano10g, Ano11i, Ano12i, Ano13m]. **Rewards** [MP12]. **Robust** [FF11, HPK12]. **Roster** [Ano10h]. **Round** [CLP13b, JPY12, KS11b, Wee10].

**Round-Efficient** [Wee10]. **Rounding** [BRS11, CLLM10, CVZ10, CHK12, FR12, GSS11, GS12]. **Row** [DR10a, LMP13]. **Row/Column** [DR10a].

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