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matrix-valued [DGK81a, DGK81b]. **matroid** [Cha83]. **matroids** [BM84, IW81, Tod84a]. **maximal** [BE84, BR82, Col82, Wil86]. **maximization** [MS86]. **maximize** [DFL82]. **maximizing** [BCCL83]. **Maximum** [Fis81, HHS82, MZH83]. **mean** [AMMT87, Bha82, GM87b]. **means** [AW80, AT86, Chu86]. **merging** [HH82]. **meromorphic** [Bul85]. **message** [Dav86]. **message-passing** [Dav86]. **metagraphs** [Čul84]. **metapaths** [Čul84]. **method** [AO86, BHP86, DM86, FP84, Hal85, Kri85, Neu86, PR85, Pro85, SN85]. **methods** [Cla86, Ebe87, GLM81, Hey87, Hul84, KMS84, LC84, PR82, SW87, UP83]. **metrics** [CK86]. **middle** [Sal84]. **middle-cut** [Sal84]. **min** [Len82]. **min-cut** [Len82]. **minimal** [Coo83, PR85]. **minimax** [DW80]. **Minimean** [HS81]. **minimization** [BPR82, DGK81b, Mon86]. **Minimizing** [DH82, GP83]. **minimum** [CGW87, CW87, DFL82, GH82, Lin87, Wen87, Yan81]. **minors** [Cha82, GH87a]. **mixed** [MIN87]. **Mixing** [Mat87]. **model** [AB84, BP85, Elf81, Gol85a, HR85]. **models** [FW80, Pro87, SSM84, Wal85]. **modes** [LL87]. **moments** [SWG83]. **monomial** [Wat87]. **monotone** [JS81]. **monotonic** [PS83]. **Monotonicity** [Bol85b, GYY80, She80]. **Monte** [Gra81]. **most** [MP84a]. **motions** [WW87]. **Muller** [Tie85]. **multi** [Vo81]. **multi-subset** [Vo81]. **multicandidate** [Bol83]. **multicommodity** [ST80]. **multigraphs** [AT85]. **multipartite** [Taz85]. **multiple** [Cia85, Doi87, Tov85]. **Multiplication** [Bar84]. **multiplicative** [Rot81]. **multiplier** [DM86]. **multipliers** [Red85a, Red85b, Red86]. **Multiplying** [CW82]. **multipole** [FP81]. **multiport** [Cha87]. **multiprocessor** [Dav86, DFL82]. **Multisets** [dK82]. **Multisplittings** [OW85]. **multivariate** [Ber87]. **Munkres'** [CBS85].

Nash [CT15]. **Navier** [Hal85]. **near** [Fin85]. **near-traceable** [Fin85]. **nearest** [FJ81]. **nearest-neighbor** [FJ81]. **nearly** [HR86, Hav86, KMS84, Phi87, Ros82, Sha87]. **neighbor** [FJ81]. **Neighborhoods** [Neu86]. **Network** [Col87, AM81, HS81, SW87, WS82, Won80, de 84a]. **networks** [Cha87, Gol85b, KKP85, MMP80a, MMP80b, Pip80, PY82, Pro83, ST80, Tch85]. **neural** [Gol85b]. **Next** [BC81]. **Next-Fit-Decreasing** [BC81]. **nilpotent** [Gan81]. **NN** [Mac81]. **no** [HHS82, Rab85]. **nodes** [Bar82]. **non** [SCC83]. **non-series-parallel** [SCC83]. **nonabelian** [AJ85]. **nondestructive** [BH85b]. **nonisomorphic** [Wal83]. **nonlinear** [Joh85, MIN87, Whi86]. **Nonnegative** [BJW85, EJ82, JS81, Sam80, BL83, DER85, FS80, Lew80, Vic85]. **Nontestable** [SSM84]. **norm** [MS86]. **normal** [Ber87, KS87b]. **normality** [BP85]. **normalized** [Gag81, Gag83, KS87a]. **norms** [Rot84]. **Note** [CT15, Chu85a, Gil80b, SP84]. **nowhere** [HVW82]. **NP** [CCPR82, GJ83, Gil80b, Mon86, Yan81]. **NP-complete** [CCPR82, GJ83, Mon86, Yan81]. **NP-completeness** [Gil80b]. **null** [CP86, CP87, GH87b]. **number** [BCCL83, BE84, Buc87, Buz82, Chu85a, Cia85, GJ83, GW80, KT81, Ops82, Pip80, Rub86, Wil86]. **numberings** [MD86]. **numbers** [Moo83, Sak80]. **Numerical** [Hal85, Cla86].

objective [KL84]. **objects** [Cia85]. **Obtaining** [Gol80]. **occurrences** [Kir83]. **odd** [Boo82]. **on-line** [Gal86]. **one** [DS87, Ebe87]. **one-factorizations** [DS87]. **one-sided** [Ebe87]. **ones** [BS86]. **Operator** [CT15, BN87, LC84]. **operators** [Dok87, GM87b, Per87]. **opposing** [DW85, GJTY83]. **Optical** [Shr84]. **optima** [Tov85]. **Optimal** [CMW85, Chr83, DH87, Gra81, HSY85, MD86, BS83, BS87, CDS83, Jon82, SP84].

optimization [Bal85, BT81, CM84, Had85, HT86, Hul84, PS83, Rot84]. **Optimum** [SN85]. **Order** [DD85, Boo82, MMP80a, MMP80b, MP84b, Tie85, Yan82]. **ordered** [EZR85, GP83, Lih82]. **orderings** [KS81]. **orders** [CFG80, DW85, Fis81, Fis83, GYY80, Sak80, She80, WT81, Win83]. **ordinary** [BJW85]. **orientations** [GP85]. **oriented** [BM84, Tod84a]. **originators** [FP81]. **orrery** [AB84]. **Orthogonal** [Dun80, Bar84, Bar87, BPP81, CH87, MS81, Per83]. **orthogonal-symmetric** [CH87]. **orthonormal** [Phi87]. **other** [Bol85b]. **outerplanar** [Col82, Hea87, PS86]. **overlap** [SW86]. **overlapping** [Her84a]. **overload** [AS80]. **overrelaxation** [SN85].

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- Plackett** [Ber87]. **Planar** [DGK80, Dji82, HS85, Sak82]. **plane** [DGK81b, Gil80a, LLM84, LY82, Sug83]. **planes** [Kan82b, Kan82a]. **plant** [CNW80, CT82]. **point** [FS84, Gol82, HVW82, Lat82]. **point-symmetric** [HVW82]. **polar** [CH87]. **Polya** [BP85, Gol85a]. **Polya-Eggenberger** [BP85]. **polyhedra** [AJ81, Buc87, Cha87]. **polyhedron** [Coo83, Gil81, KT81]. **polymatroid** [BT81]. **polynomial** [BP82, Gat83, KKS87, Mer86, Per83, Ran85, SK86, Sax80]. **polynomials** [Bar84, Bar87, DGK80, Dun80, Gol80, PR85, Rub86, Ste86, Wan83]. **polytopes** [BM84, Tak81]. **posed** [AG83]. **poset** [DD85]. **posets** [DF83a, Pro82a]. **positive** [Bar86, CDS84, HM84]. **postman** [Gil81]. **powers** [FS80]. **Practical** [Dre82]. **predator** [RZ82]. **Preemptive** [de 84a]. **prefix** [SW86]. **preserving** [BL83, DD85]. **presidential** [Bol83]. **prey** [RZ82]. **prey-predator** [RZ82]. **primal** [CT82]. **prime** [Gat83]. **primitive** [Ros82, Sha87]. **principal** [BJOv87, GH87a]. **priority** [MMP80a]. **Probabilistic** [Zem85]. **Probabilities** [FFF⁺86, GM86, Mey80]. **probability** [CS87, KV86]. **probable** [MP84a]. **problem** [Boo82, Bos84, Bum81, CG82, CT80, CH80a, CH81, CLR87, Cla84, CC86, CP86, CP87, CK87, CT82, Dji82, GS84, GGH80, Hoc83, HS85, HS86, HHW81, KS87a, KS87b, Lan84, Len82, MS86, MZH83, Mon86, Pro85, RP85, SN85, Tre86, Wen87, Won80, Yan82]. **problems** [ANW84, AT86, AJ81, AJ85, AG83, Bal85, BH85a, BT81, BH86, Bol85a, BL86, BHP86, CN84, CNW80, ES82, FW82, Hal85, JM87, Lin86, LC84, Rot84, SW87, Sug83, Tam83, Whi86, WS82, Zem85]. **procedure** [CBS85]. **process** [Lat82]. **processing** [CBS85]. **processor** [DFL82, Phi87]. **product** [Phe84, Sak80]. **products** [Bar87, RV83, WT81]. **Profile** [DW85]. **programming** [Bal85, BL86, CK87, Dre82, HM84, HR85, Pro85, Sax80, Sta85, Yao82, de 84a]. **programs** [FS84]. **projection** [CS87]. **Projectionally** [BLP87]. **projective** [Gam86]. **prolate** [Grü81]. **proof** [Ber80b, Cha82, Gyö86]. **proper** [OBB81]. **properties** [BW86, BL83, GYY80, KV86, Mac81, She80, de 84b]. **property** [Grü86, Pro82a, Sta80a]. **proportional** [Bol85b].
- Quadratic** [Dok87, BJW85, CW82, DGK81b, HM84, Rub86]. **quadrics** [Gam86]. **qualitative** [GLM81]. **quantizer** [BS83]. **quasidistance** [SP84]. **Quasimonotonic** [EHH87]. **queues** [LN80].
- R** [CT15]. **radius** [BS86, BB87, KS87a, KS87b]. **Rado** [DF83b, FF80, Sta80b]. **Radon** [Mor86]. **Random** [Gil80a, LT80, Tak81, BE84, Bar80, Buc87, FFF⁺86, KT81, KW80b, MP84a, Mat87, MMP80a, MMP80b, Sam80]. **Randomly** [Fin85]. **rank** [LR81]. **Ranking** [KS85, Ber80a]. **rankings** [CK86]. **rates** [Mat87]. **ratio** [ACN80]. **reaction** [GGH80]. **reaction-diffusion** [GGH80]. **real** [Rub86]. **realizations** [SP84]. **Rearrangeable** [PY82, Pip80]. **recognition** [AP86]. **recognizing** [Sax80]. **Reconstruction** [KSSS80, Per81]. **rectangle** [BCCL83, FHM80]. **rectangles** [BH85a, CKSS81]. **Rectangular** [GLM83, GLM81]. **Rectilinear** [FHM80, Gyö86, Sak82]. **recurrence** [BPR82, Szp87]. **recurrences** [HG85, WS82]. **recursion** [TZ83]. **Recursive** [Bac82, Min85b, BPR82, BS87]. **recursiveness** [GJR83, GJ86]. **reducible** [Ros82, Sha87]. **reducing** [Car84]. **reduction** [HH86]. **Reed** [Tie85]. **regions** [AO81, CKSS81, CS84, Sak82]. **regression** [Mac81]. **regular** [Ros84, Tak81]. **related**

[ES82]. **relations** [BPR82, MN84, SS85]. **relationship** [GH82]. **Relationships** [CK86]. **relative** [JS86]. **relaxations** [Bal85]. **reliabilities** [Hwa86]. **reliability** [BP82, DC81, SK86, SW87]. **renewal** [FS84]. **representation** [Bol85b, CNW80, DGK81a, Kir83, ST80, Toc84]. **Representations** [Pro82a, Bac82, CRS83, Doi87, SL83]. **require** [KKK83]. **requirements** [Car84]. **requiring** [KS81]. **residual** [Bha82]. **residue** [CW82]. **resilience** [Col87]. **resource** [Lan84]. **restricted** [BM87, Owe86]. **result** [Bol85a]. **results** [AJ81, DK87, NS81]. **reversibility** [Vic84]. **reversible** [HVW82]. **Riccati** [TS85, Wim82]. **rigidity** [LY82]. **ring** [Zem81]. **Robinson** [KV86]. **Robinson-Schensted-Knuth** [KV86]. **robots** [Tog86]. **rock** [DM86]. **Room** [DS87]. **root** [Gat83]. **rounding** [BT81]. **rounds** [HH82]. **routing** [WS82]. **rule** [Abe85]. **Runs** [SWG83].

S [CT15]. **salesman** [Cla84]. **Sampling** [Per81]. **satellite** [LL87]. **satisfy** [Her84a]. **scalar** [HMS87]. **scaling** [BPP81, DER85]. **scaling-inequality** [DER85]. **Scheduling** [DFL82, GJTY83, DW85, de 84a]. **scheme** [Ple86]. **schemes** [Bol85b, Had85, Per81]. **Schensted** [KV86, Vo81]. **Schur** [DGK81a, DGK83]. **search** [BM80, Boo82, Bos84, Cia85, MP84a]. **second** [Mer86, Tie85]. **sections** [GHW86]. **selection** [HT86]. **self** [MS81]. **self-orthogonal** [MS81]. **selfadjoint** [EGL87]. **semi** [Kri85, Lat82]. **semi-iterative** [Kri85]. **semi-Markov** [Lat82]. **Semiantichains** [WT81]. **semidefinite** [CDJ82, CDS84, HM84]. **semigroup** [AJ81]. **semiorders** [CR82, Doi87, Fis81]. **Sensitive** [Rot81]. **Sensitivity** [GM86, Elf81, Tog86]. **Separating** [FK84]. **separator** [GRE84]. **Sequence** [GHW86]. **sequences** [EHH87, FF80, Gam86, Gam87, HIS81, HG85]. **sequential** [BM80]. **series** [Col82, GJR83, HT86, SCC83]. **series-parallel** [HT86]. **Set** [KS81, CK87, DF83a, Gol82, Hoc83, HSY85, Sha87, VC82]. **sets** [BH85b, CH81, EZR85, FFF⁺86, GP83, HHS82, JR85, Kan82b, Kan82a, Lih82, Pec81, Phi87, RS82, Wil86]. **setups** [GP83]. **Shannon** [Far86]. **shape** [MP84a, Rus80]. **sharpening** [Joh85]. **shellable** [BP82]. **shifts** [HMS87]. **short** [Gyö86]. **shuffle** [LLM84]. **shuffle-exchange** [LLM84]. **side** [GM87a]. **sided** [Ebe87]. **sign** [GH87a, HMS87]. **signed** [GLM83, GLM84]. **Signs** [TZ83]. **similarity** [ES82]. **simple** [AJ84, AT85, CNW80, CT82, Rab85, Tay82]. **simplex** [Neu83, Pro85]. **Simplified** [Hwa86]. **Single** [DW80, ST80]. **Singular** [CT15, Bar86, Buo86, BN87, CP83, Cam83, Cla86, Had85, Ros84, Tog86]. **sitting** [HS86]. **Size** [FK84, FW80]. **skeletal** [Sug83]. **slides** [SWG83]. **small** [GJ86, Hea87, Sax80]. **small-bandwidth** [Sax80]. **smallest** [Bar86]. **Smith** [KKS87]. **soft** [BS87]. **sojourns** [KW80b]. **Solution** [FS85, Szp87, BHP86, Cla86, EJ82, FW80, Gup86, Had85, Hal85, Hoc83, LM82, Min85b, OW85, Rab85, UP83, de 87]. **solutions** [BR82, BJW85, Buz82, LN80, Rot84, SS85, Vic85]. **solvable** [CP83]. **solve** [HS86]. **solving** [AG83, Gat83, SN85]. **Some** [AJ81, BR82, BPR82, DK87, GYY80, Her84b, KKP85, Sta80b, von81, Bha82, Bol85b, Đok87, MN80, Per83, She80, Sug83, Szp87, Wan84, de 84b]. **sonar** [Gam87]. **SOR** [SN85]. **Sorting** [HH82]. **space** [Car84, CP86, CP87, GH87b]. **spaces** [ABBW87, Cha87]. **spanning** [Ber86, GH82]. **Sparse** [KOY86, CC86, GH87b, Liu87, NR83, Toc84]. **spatially** [BM80]. **spatially-distributed** [BM80]. **specified** [Gol80]. **Spectra** [Wan84, GH87a, Shr84]. **spectral** [BS86, BB87]. **spectrum** [Gup86]. **Speed**

[Yao82, FB84]. **Speed-up** [Yao82]. **Sperner** [Pro82a, Sta80a]. **spheroidal** [Grü81]. **splittings** [Ros84]. **Spreads** [Kan82b, Kan82a]. **square** [GM87a]. **squares** [AO81, BCCL83, DGK80, DS87, Gil80a]. **SS** [LL87]. **SS/TDMA** [LL87]. **SSOR** [Kri85, Neu86]. **Stability** [Mat84, BH83, CN84, Wal85, Zem81]. **stable** [AO86, CDJ82, HHS82]. **standby** [DC81]. **star** [Tch85]. **star-connected** [Tch85]. **starters** [DS81]. **Stationary** [GM86, BP86, FP86, HR86, Hav86, Hey87, KMS84]. **Steinberg** [CBS85]. **Steiner** [FHM80, dPR82]. **stochastic** [ACN80, Smi81]. **stock** [Jon82]. **stocks** [Chu85a]. **Stokes** [Hal85]. **storage** [CRS83]. **storing** [Wal83]. **straight** [Car84]. **straight-line** [Car84]. **stresses** [WW83]. **strings** [CTPR85]. **stripe** [GS84]. **striped** [GS84]. **Strong** [FJ81, DS81]. **strongly** [BE84]. **struction** [de 84b]. **structural** [DG86, Ple86]. **structure** [GLL80, RS82, Wat87]. **structures** [ABBW87, BP85, CRS83, Sug83]. **study** [GGH80]. **subadditive** [BR82]. **Subblock** [Kir83]. **subcodes** [Tie85]. **submatrices** [BJOv87, KW80a]. **suboptimal** [SP84]. **subset** [Vo81]. **subsets** [DF83a, FFF⁺86, Fis87, LR81]. **subspaces** [Bha83]. **subsquare** [GM87a]. **Substitutes** [Pro87]. **subtraction** [AMT86]. **such** [EJ82]. **suitcase** [HS86]. **sum** [DER85, LC84, Pro82b]. **sums** [Bar80, GH87a]. **sun** [CN84]. **sun-free** [CN84]. **Super** [BW86]. **survey** [RS85]. **SVD** [Shr84]. **switch** [DC81]. **switches** [Pip80]. **switching** [LL87]. **Switchings** [Tay82]. **symmetric** [CH87, DER85, Dia80, GJR83, HVW82, HMS87, KV86, Rab85, SL83]. **symplectic** [Bac82]. **synopsis** [SS85]. **syntax** [AB84]. **system** [AS80, Coo83, DFL82]. **Systems** [FK84, KOY86, BP82, Bou87, CM84, CP83, Cam83, Cla86, DC81, FFF⁺86, Fis87, FP84, Had85, Hul84, Hwa86, MIN87, OW85, PR82, Pro83, Rot81, UP83, Wim84, dPR82, de 87]. **tableaux** [Gan81]. **tandem** [LN80]. **TDMA** [LL87]. **technique** [Gup86]. **Telephone** [BH86, HRS87]. **telephones** [Bum81]. **Tensor** [de 87]. **Tensors** [MW83]. **terms** [TZ83]. **testing** [CH80a, CH81, DK87, ES82, HHW81, HSD81, Hwa84, KCP82, Meh86]. **their** [Chu86, DGK83, EGL87, KSSS80, MW87, dN85]. **them** [Wal83]. **theorem** [Ber80b, CDJ82, Cha82, DF83b, FF80, GRE84, Gyö86, Pec81, Sta80a]. **theorems** [ANW84, BJW85, KKP85, Sta80b]. **theoretic** [GLM81]. **theoretical** [Ber80a]. **theory** [Chu84, EHH87, Fis83, GH85, JM87, Kör86, LM82]. **those** [Tre86]. **Three** [Hwa84, BS83, Bos84, Gam86]. **three-valued** [Gam86]. **Threshold** [CL84, Doi87, Fis83, HIS81, EOZ87, Gol82]. **Threshold-bounded** [Fis83]. **ties** [CK86]. **tiesets** [SCC83]. **tight** [BC81]. **time** [Cam83, Cla86, DFL82, FW80, Per87, Sax80]. **time-band** [Per87]. **time-dependent** [FW80]. **time-varying** [Cam83, Cla86]. **titration** [Shr84]. **Toda** [Chu84]. **Toeplitz** [Bul85, Grü81, Tre85, Tre86]. **tool** [Sta85]. **Topological** [MPS85, Chu85b]. **total** [LPHH84]. **Totally** [HKS85, Lew80, BL86, Coo83]. **Totally-balanced** [HKS85]. **tournaments** [Ber80a]. **traceable** [Fin85]. **Traditional** [KKK83]. **transform** [BS87, Per81]. **transformation** [Joh85]. **transformations** [BL83]. **transforms** [EH87, Mor86]. **transitive** [AJ84]. **translation** [Kan82b, Kan82a]. **transmissions** [Wes82]. **transportation** [AM81, BH85a]. **travelling** [Cla84]. **tree** [ACP87, CG82, Cha82, CDS83, CT80, Chu85b, GH82, JOv83, Liu87, MP84a, Wil86]. **trees**

[AP86, Ber86, CH80b, CK87, DK87, FHM80, FP81, KS81, Len82, Moo83, PS83, Rus80]. **trials** [NS81]. **triangular** [HH86]. **triangularization** [MIN87]. **triangulation** [Lin87, Tod84b]. **Triangulations** [BM84, Sal84]. **tridiagonal** [CDJ82, Har86, Per87]. **trinity** [Ber80b]. **triple** [dPR82]. **Tutte** [Ber80b]. **two** [BW80, BFHMV84, Cam83, CH81, Chr83, CH80b, CGJ82, Dun80, GS84, HG85, SCC83]. **two-chord** [SCC83]. **two-dimensional** [CGJ82, HG85]. **two-stripe** [GS84]. **type** [Dun80, Lat82, Neu83].

ultrametric [ABBW87]. **undiscounted** [FS84]. **unichain** [WT81]. **unimodality** [CFG80]. **unit** [Rot84]. **unitary** [Bac82]. **Unlabelled** [CM84]. **Updating** [FP86]. **Upper** [Len82, BH85a]. **urn** [BP85, Gol85a]. **use** [Mol86]. **Using** [GM86, AG84, Gam87].

value [Bar86, Tog86]. **valued** [DGK81a, DGK81b, Gam86]. **Values** [Owe86, Bol87, GW80, Uhl85]. **variable** [BHP86, Hal85, MS86]. **variable-complexity** [MS86]. **variables** [Dun80, Sam80]. **variational** [GM87b]. **varying** [Cam83, Cla86]. **Vector** [CT15, KOY86, Phi87]. **vectors** [BN87, CW82, Phi87]. **version** [Grü81]. **versions** [Hwa84]. **versus** [FB84]. **vertex** [Gil80b, GJ86, PS86]. **vertex-and** [PS86]. **Vertices** [HHS82, BE84, Buc87, KS85, KT81]. **via** [HM84]. **VLSI** [CLR87, CGW87]. **voltage** [Ber83]. **Volterra** [Red86, RZ82, Red85a, Red85b]. **Voronoi** [CS84]. **voting** [Fis84].

walk [Mat87]. **walks** [KW80b, LT80]. **watchmen** [KKK83]. **wave** [Grü81]. **weighing** [CMW85]. **Weight** [Gag81, Gag83, MS81, Lin87]. **Weighted** [Mor86, AW80]. **Weyl** [Sta80a]. **which**

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