# A Complete Bibliography of Publications in the *SIAM Journal on Algebraic and Discrete Methods*

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/

30 May 2024
Version 2.10

## Title word cross-reference

$(0, 1, -1)$ [MW81]. $(A, B)$ [Bha83]. $(A, K)$ [CDS84]. $(A \circ A^{-\mathsf{T}})$ [JS86]. 0 [BB87]. 1 [Ber83, BB87]. 12 [GM87a]. 2 [DH87, Tay82]. 22 [DF83b]. $2 \times 2$ [Uhl85]. 3 [AP86, HS85, Mon86]. 600 [LT80]. $A$ [EJ82]. $AA^{\mathsf{T}} = vI - J$ [MW81]. $AX + X^*A^* = C$ [LR83]. $Ax = b$ [EJ82]. $b$ [Coo83]. $\mathcal{P}_n^g(A)$ [VC82]. $D$ [CDJ82]. **sl**(2, **C**) [Pro82a]. GF(3) [MS81]. $H$ [Har86]. $J'$ [Tod84b]. $K$ [CDS84, ACP87, CN84, CK87, Hwa86, LL87, Mac81]. $L$ [MW87]. $l^1$ [CK86]. $l_1$ [Rot84]. $l_\infty$ [Rot84]. $l_p$ [DW80]. $\lambda$ [JS81]. log [CT80]. $LU$ [AO86, Dav86, FP86, Har86, Mat84, VC82]. $M$ [AO86, Bar86, Buo86, FP84, Gam87, JOv83, Lew80, Ros84, Smi81, VC82, Gam86]. $N$ [Dia80, Tan84, CW87, Hwa86, Kir83, Sal84]. $N \times N$ [MD86]. $O((n$ [CT80]. $O(n^2)$ [OBB81]. $O(|V|^2)$ [HS85]. $P$ [GJR83, GJ86, CT80]. $p)^2)$ [CT80]. $q$ [Dun80, Kir83]. $QR$ [GM86, Chu84]. $\mathbf{R}^n$ [Tod84b]. $S^{n-1}$ [Chu86]. $t$ [GLL80, Moo83]. $v \times v$ [MW81]. $Z_2^k$ [Mor86]. $Z_2^n$ [Tan83].

**-ary** [Kir83, Moo83]. **-cell** [LT80]. **-center** [CT80]. **-chain** [Ber83]. **-circulant** [MW81]. **-connectivity** [Tay82]. **-cube** [Sal84]. **-cut** [HS85]. **-decompositions** [Har86, Mat84]. **-designs** [GLL80]. **-distance** [DW80]. **-domination** [CN84]. **-edge-connected** [CW87]. **-functions** [MW87]. **-gons** [Tan84]. **-Hahn** [Dun80]. **-invariant** [Bha83]. **-Jacobi** [Dun80]. **-matching** [Coo83].

**-matrices** [AO86, Buo86, Har86, JOv83, Ros84, Smi81, VC82]. **-matrix** [Bar86, FP84]. **-monotone** [JS81]. **-NN** [Mac81]. **-out-of-** [Hwa86]. **-permutation** [LL87]. **-person** [Dia80]. **-recursiveness** [GJR83, GJ86]. **-sequences** [Gam86, Gam87]. **-stability** [CN84]. **-stable** [CDJ82]. **-tree** [ACP87]. **-trees** [AP86, CK87].

**2*** [APSZ81].

**abnormal** [KS87b]. **abstraction** [Cha83]. **Acknowledgment** [MMP80a]. **Acyclic** [Gan81, BE84, BS86]. **addition** [AMT86]. **additive** [GS80]. **Adjacency** [Gil81, Wal86]. **adjoint** [HU85]. **adjugate** [HU85]. **Aggregation** [ANW84]. **aided** [Gol85a]. **Algebraic** [SW87, Gam87, GP83, SCC83, WW83, WW87, Wim82]. **algorithm** [Bar82, BS87, BL86, Car84, CBS85, CT80, Chu84, DS81, DS87, HS85, KV86, OBB81, Phi87, de 87]. **algorithmic** [Abe85, LPHH84, LN80]. **Algorithms** [ES82, Bac82, BCCL83, EHH87, HT86, Min85b, Sax80, Szp87, Vic84, Whi86, WS82, CP87]. **alignments** [GHW86]. **allocation** [ANW84, Lan84]. **almost** [HS86]. **alphabetic** [KS81]. **alternating** [GH87a]. **among** [Win83]. **Amortized** [Tar85]. **analog** [CH87]. **analogue** [Far86]. **analysis** [GLM81, Hav86, Ple86, Rot81, Shr84, Szp87, Won80, Zem85]. **antichains** [Dem80]. **antirectangles** [Bou84]. **aperiodic** [dK82]. **application** [BP85, CBS85, GJR83, Liu87, MIN87, Sam80, SCC83, Tog86]. **applications** [Bar86, Bar84, CLR87, CNW80, Dre82, EHH87, KKP85, MN80]. **applied** [CBS85, Ple86, SW87]. **approach** [Abe85, Ber80a, CK87, CT82, FS84, GP83, RP85, Rot81]. **approximate** [EJ82, Min85b]. **Approximation** [BCCL83, HR86, Hav86, Her84a]. **approximations** [Gup86]. **arbitrary** [Her84a]. **arc** [OBB81]. **arcs** [Bos84, GJMP80]. **arising** [BJW85, GGH80, Mat84, Szp87, Tam83]. **arithmetic** [AW80]. **arrangement** [Len82]. **array** [JS86, MD86]. **art** [Gyö86]. **ary** [Kir83, Moo83]. **aspects** [AB84, Her84b, JS86]. **assay** [BH85b]. **assignment** [RP85, WCLO86]. **assignments** [DH87]. **associated** [Sak82]. **association** [Sam80]. **Asymptotic** [BP85, Dia80, BC81, Bul85, FW80, RP85, DGK80]. **automata** [Tch85]. **automation** [PR82]. **average** [Rus80]. **averages** [Mor86].

**balanced** [BL86, HKS85, Tam83]. **ball** [Rot84]. **Balloting** [WCLO86]. **band** [EGL87, Per87, Tre85, Tre86]. **bandwidth** [APSZ81, Chu85b, MPS85, Mon86, Sax80]. **Banzhaf** [Bol83]. **bar** [WW87]. **bar-and-body** [WW87]. **based** [LLM84, SS85]. **bases** [GS80]. **basis** [Bar87, GH87b, Pro85]. **be** [RV83]. **behavior** [Bul85, DGK80, Gol82]. **behaviour** [Gol85b]. **belonging** [HHS82]. **benefits** [PR82]. **best** [EJ82, Min85b]. **between** [CK86, GH82]. **bi** [Wim84]. **bi-infinite** [Wim84]. **Bicycles** [Ber86]. **bin** [BC81, Gal86, She81]. **bin-packing** [BC81, Gal86]. **binary** [CW82, CH80b, KS81, Meh86, Rus80, Tch85]. **binomial** [Meh86]. **bins** [CGJ82]. **bipartite** [HK86]. **Bisection** [GW85]. **Bithreshold** [HM85]. **bivariate** [CS87]. **block** [CCPR82, Mat84, MIN87, Ple86, von81]. **block-triangularization** [MIN87]. **blocking** [Cha87, LN80]. **body** [WW87]. **books** [CLR87, Hea87]. **Boolean** [Buz82, Hul84]. **Bott** [Cha83]. **bound** [BC81, Gal86, HR86, Pip80]. **boundary** [HHW81]. **bounded** [CG82, Fis83]. **Bounds** [BP82, EOZ87, PP85, BH85a, Kör86, Kri85, Len82, Mey80, KS87a]. **branching** [BT81]. **Broadcasting** [FP81]. **BVP** [Mat84]. **Byers** [CT15].

**can** [HS86, RV83]. **Candidate** [Dem80]. **Canonical** [CP83, CNW80, MIN87]. **capacity** [Far86]. **capital** [Chu85a, Jon82]. **cardinality** [VC82]. **Carlo** [Gra81]. **Cascade** [AMT86]. **case** [CK86, Gag83, GH82, Hil87, Uhl85, Won80]. **cases** [Per83]. **caterpillars** [APSZ81, Mon86]. **cell** [LT80]. **center** [CT80, Chu84]. **central** [Gup86]. **centroid** [Mer86]. **certain** [CS84, FP84]. **chain** [Ber83, HR86, Hav86, Mey80]. **Chains** [GM86, BP86, Bar86, Hey87, KMS84, Ste86]. **Change** [Bar87]. **channel** [CGW87, MMP80a, MMP80b, RP85]. **characteristic** [BFHMV84, Ran85]. **Characterization** [AP86, Bar80, HM84, AW80, CDJ82, SCC83]. **Characters** [MP84b, KV86]. **chemical** [Shr84]. **Chevalley** [Sta80b]. **choice** [Fis84]. **Cholesky** [Sam80]. **Chopped** [Per83]. **chord** [SCC83]. **chordal** [CN84, GRE84]. **chords** [GJMP80]. **circle** [GW85]. **circuits** [AT85]. **circulant** [BW86, MW81, Wat87]. **circular** [GJMP80, OBB81]. **circulations** [GP85]. **class** [Bha82, Bol87, Dia80, JOv83, RZ82, Sak82, She82, Tam83, Tre86]. **classes** [DGK83, KCP82]. **classical** [Bar84, Had85]. **claws** [Taz85]. **climbing** [DS87, Tov85]. **closed** [RV83]. **clustering** [Her84a, Her84b]. **coalitional** [LM82]. **code** [CDS83]. **codes** [CW82, Gag81, Gag83, KS87a, KS87b, MS81, Mol86, Phe83, Phe84, Tie85, von81, KS87b]. **Coding** [CTPR85]. **coefficients** [Bul85]. **color** [Bou84]. **Coloring** [CCPR82, dPR82, AG84, CC86, GJMP80, HK83, OBB81, PP85, PS86]. **colorings** [Gil80a, GW85]. **colouring** [KKP85]. **Column** [Dav86]. **Combinatorial** [AB84, MIN87, Cha82, DH82, GGH80, Phe83, TZ83]. **combinatorics** [Lin86]. **combined** [FP84]. **commodity** [ST80]. **communications** [LL87]. **commuting** [Per87]. **comparison** [BJW85, KS85]. **comparisons** [Ber80a, Hey87]. **compartmental** [Wal85]. **competition** [Ops82]. **Complementarity** [Tod84a]. **complementary** [BS86, Chr83]. **complements** [Pro87]. **complete** [CH80b, HK86, Taz85, Wim82, CCPR82, GJ83, Mon86, Yan81]. **completely** [HR86, Hav86, KMS84]. **completeness** [DK87, Gil80b]. **complex** [CH87, Had85, LLM84, Uhl85]. **Complexity** [ACP87, Wal85, CM84, GJMP80, Gat83, LPHH84, Len82, MS86, Tar85, Yan82, CP86]. **comprehensive** [HR85]. **compressible** [BHP86]. **computation** [Ebe87, KKS87, Ops82]. **computational** [Tar85]. **Computations** [KOY86, Ple86]. **Compute** [GM86, PR85]. **computer** [BP85, Gol85a, Lan84]. **Computing** [BFHMV84, DG86, GH87b, Jon82, Yan81, BP86, FP86, Hey87, KMS84]. **concatenations** [KSSS80]. **concentrators** [Tan84]. **concept** [SCC83]. **condition** [Mey80]. **conditional** [Gra81]. **cones** [BLP87, Đok87]. **congested** [AM81]. **conjecture** [She81]. **connected** [CW87, RZ82, Tch85]. **connection** [CH80b, KKP85]. **connectivity** [BW86, FJ81, IW81, Tay82]. **consecutive** [DH87, Hwa86, SW86]. **consecutive-** [DH87, Hwa86]. **consequences** [Bha82]. **consimilarity** [HH86]. **constant** [JR85]. **constrained** [Cha83, Pro87, Tay82]. **constraint** [BL86]. **construction** [DS87, Gam87, KW80a, Mol86, Phe83, Phe84]. **constructions** [von81]. **continuous** [CT80, FW82]. **contraharmonic** [AMMT87, GM87b]. **control** [Bha83, Bol85a, PR82]. **controllability** [Bha83, CDS84, Wim82]. **Controlling** [AS80]. **convection** [Gup86]. **convection-diffusion** [Gup86]. **Convergence** [Joh85, Neu86]. **Convergent** [BP86, Ros84]. **Convex** [BH85b, JR85, BM84, GH82, KT81]. **Convexity** [FJ86]. **convolutional** [von81].

**convolutions** [EH87]. **correcting** [Phe84]. **Correlation** [Win83]. **correspondence** [Vo81]. **cost** [GH82]. **costliest** [KS81]. **count** [LAP82]. **counterexample** [She81]. **Counting** [Bra82]. **coverage** [MZH83]. **Covering** [AO81, AT85, CKSS81, CN85, BL86, FW82, Hoc83, KS87a, KS87b]. **coverings** [EOZ87, WT81]. **criteria** [Her84a]. **critical** [EZR85]. **critically** [CW87]. **crosscorrelations** [Gam86]. **Crossing** [GJ83]. **cube** [Mat87, PP85, Sal84]. **current** [Ber83]. **Curves** [Chu86]. **cut** [HS85, Len82, Sal84]. **cutwidth** [Chu85b]. **cycles** [BW80, GS84, dK82]. **cyclic** [CC86].

**DAC** [PR82]. **data** [BP85, CRS83]. **decision** [BS87, DK87]. **decoding** [BS87]. **decomposable** [HR86, Hav86, KMS84]. **Decomposing** [BW80]. **Decomposition** [Cun82, Has85, Taz85, AG84, CS87, CH87, Chu81, DER85, Sam80, Tog86]. **decompositions** [Bou87, Har86, Mat84]. **Decreasing** [BC81]. **defectives** [Chr83]. **defining** [Coo83]. **definite** [HM84]. **degrees** [GJ86]. **demand** [FW80]. **density** [Ber87]. **dependent** [FW80, NS81]. **depth** [PY82]. **description** [Uhl85]. **design** [CLR87, Gol85a, Sug83, Won80]. **designs** [CMW85, CCPR82, GLL80]. **detection** [Chr83]. **Determinacy** [Pro83]. **determinant** [Ber80b]. **determinants** [Bul85]. **Diagonal** [BPP81, BH83, CDS83, ES82, HMS87, HH86]. **diagram** [LLM84]. **dictionary** [SW86]. **Difference** [Cla86, Gup86]. **different** [HS81]. **differential** [Ber87, BJW85, CP83, Cam83, Cla86, Grü86]. **Differentiate** [GM86]. **diffusers** [Buc86]. **diffusion** [GGH80, Gup86]. **digital** [AS80, Joh85]. **digits** [Pro82b]. **Digraph** [Bou87, KS85, SP84]. **digraphs** [Gan81]. **Dilworth** [Sak80]. **dimension** [CL84, EOZ87, KS87b, Wim84, Yan82]. **dimensional** [ABBW87, CGJ82, HG85]. **dimensions** [BS83]. **direct** [FP84, Hey87, WT81]. **direct-iterative** [FP84]. **directed** [BE84, BH85c, Cun82, Gil80b]. **directional** [FJ81]. **Discounted** [ACN80]. **Discrete** [Fis84, Per87, Bal85, Bos84, CS87, Cia85, Dre82, FS85, Grü81, Per83, TS85, Vic84]. **discretization** [Grü86]. **Disjoint** [RS85, CH81, EOZ87]. **Disjunctive** [Bal85]. **displacement** [BM87]. **distance** [DW80]. **distances** [MT83]. **distinct** [KW80a]. **distributed** [BM80]. **Distribution** [CGW87, HR86, Hav86, PR82, SW86]. **distributions** [Bar80, BP86, CS87, FP86, Hey87, KMS84]. **domains** [AJ84]. **dominant** [Neu86]. **dominating** [CK87]. **domination** [CN84, LPHH84]. **Double** [CR82, Pro85]. **double-basis** [Pro85]. **Doubly** [HG85]. **Doubly-periodic** [HG85]. **Drazin** [Bra82]. **dual** [BHP86, Coo83, Fis87, Hal85]. **duality** [HM84]. **Duffin** [Cha83]. **duplicate** [Wes82]. **Dynamic** [Sax80, BL86, CK87, HR85, Rot81, Yao82]. **Dynamic-programming** [Sax80]. **Dynamical** [Gol85b]. **dynamics** [GH85].

**edge** [CW87, PS86]. **edge-coloring** [PS86]. **effect** [dN85]. **effective** [Buz82]. **effects** [AG83]. **Efficient** [HT86, LN80, PS83, PS86, Bol87, Lam87]. **Eggenberger** [BP85]. **eigenvalue** [AG84, SN85, Tre86]. **eigenvalues** [Chu86]. **Eigenvectors** [Grü81, dN85]. **elections** [Bol83]. **electricity** [Ber83]. **elements** [MP84b]. **elimination** [Gil80b, MN80]. **Embedding** [CLR87, Hea87]. **Embeddings** [ABBW87, ACP87]. **encoding** [MN84]. **Ensembles** [KW80b]. **entries** [BJOv87, SW86]. **Entropy** [FB84, EGL87]. **enumeration** [BW80, Lin86, LC84]. **enumerators** [Gag81, Gag83, MS81]. **enveloping** [Gup86]. **equality** [Hil87].

**equation** [Ber87, BJW85, FS85, Grü86, LR83, MW81, Szp87, TS85, Wim82]. **equations** [BJW85, Buz82, CP83, Cam83, Cla86, Gat83, GGH80, Gup86, MIN87, Ran85, RZ82, UP83, Vic85]. **Equilibria** [AM81, Dia80]. **Equilibrium** [Zem81]. **Equivalence** [DGK83]. **equivalents** [de 87]. **Erdos** [DF83b, FF80, Sta80b]. **Erdos-Ko-Rado** [DF83b, FF80]. **ergodic** [Bar86, FB84]. **Erratum** [Red86]. **Error** [Kri85, AG83, HR86, Hav86, Phe84]. **estimate** [GM86]. **estimates** [Mac81]. **Estimation** [NR83, CC86]. **Eulerian** [Bou87, GP85]. **evaluated** [RV83]. **evaluating** [PR82]. **events** [BM80]. **Exact** [UP83, Vic84]. **Examples** [EZR85]. **excavations** [DM86]. **exchange** [LLM84]. **existence** [GM87a]. **Expanders** [Buc86]. **expansions** [Per83]. **Expected** [KT81]. **Explicit** [Rot84, Tan84, Tre85, Uhl85]. **exponent** [Ros82, Sha87]. **exponential** [LN80]. **exposed** [BLP87]. **extension** [Ber87, Min85a]. **extensions** [CFG80, DD85, EGL87]. **extractions** [Gat83]. **Extremal** [Cha87, GW80]. **Exxon** [Dre82].

**facets** [AJ85, Buc87]. **facilities** [HS81]. **facility** [DW80]. **Factorization** [GM86, AO86, Buo86, Dav86, Lam87, Liu87, Tch85, VC82]. **factorizations** [DS87, FP86, Ste86]. **factors** [Rub86]. **failures** [BH86]. **Families** [FK84, CRS83]. **Farey** [Col82]. **Fast** [KKS87, DS81]. **faulty** [DC81, HRS87]. **fewer** [KKK83]. **field** [Uhl85]. **fields** [BFHMV84, Gol80, SL83]. **fill** [Wen87, Yan81]. **fill-in** [Wen87, Yan81]. **Finding** [MT83, ACP87, DS81]. **finish** [DFL82]. **Finite** [LM82, ABBW87, BFHMV84, DD85, FFF$^+$86, Gam86, Gol82, Gol80, Lih82, Mey80, MP84b, SL83]. **finite-dimensional** [ABBW87]. **Fit** [BC81]. **Fixed** [Gol82, FS84]. **fixpoints** [SS85]. **FKG** [She80]. **flights** [Tak81]. **flow** [BHP86, Chu84]. **flows** [de 84a]. **Fluctuation** [NS81]. **fluid** [BHP86, GH85]. **forests** [DW85, GJTY83]. **form** [Bol87, HH86, MIN87, RV83]. **formal** [LC84]. **forms** [CP83, KKS87]. **formula** [Ber80b, Buz82, LR81]. **formulae** [Gra81]. **formulas** [Ber83, Tre85]. **formulation** [Cla84]. **formulations** [GM87b]. **Four** [GM87b, JM87]. **Fourier** [Per81]. **fractional** [Hoc83]. **frameworks** [WW83, WW87]. **Fredman** [Kör86]. **Fredman-Komlós** [Kör86]. **free** [CN84, GM87a]. **full** [BL83]. **function** [Bol87, Bul85, DH82, GJR83, Mol86, Pro82b]. **functionals** [DGK81b]. **Functions** [FK84, DGK81a, FW80, Gol82, Grü81, Her84a, Her84b, KL84, MW87, PS83]. **Further** [Hey87]. **fuzzy** [Has85].

**gain** [JS86]. **galleries** [KKK83]. **gallery** [Gyö86]. **game** [Hwa84, Rab85]. **games** [ACN80, Bol87, Dia80, GH82, LM82, Owe86, SS85]. **general** [Phe84, Pro85, Wen87]. **Generalized** [Bha83, DGK81a, Meh86, BP85, Bar84, BR82, CN85, Chu84, HSD81, KKP85, Liu87, Mol86, Tan84, Tie85]. **Generalizing** [Pro82b]. **generated** [Bul85]. **Generating** [Wal83]. **generic** [LY82]. **geometric** [Gol85a, Zem85]. **geometry** [Gam86, Lin86, WW83, WW87]. **given** [Buc87]. **gons** [Tan84]. **Gossiping** [Wes82, HRS87]. **graceful** [BH85c]. **Graph** [AG84, GLM81, GH85, BE84, Bar82, Ber80a, Far86, GW80, HHS82, HVW82, JM87, KKP85, LAP82, LLM84, LC84, Mer86, Ops82, Owe86, Taz85, de 84b]. **graph-colouring** [KKP85]. **graph-restricted** [Owe86]. **graph-theoretical** [Ber80a]. **graphs** [BH85c, BW86, CN84, Chu81, CLR87, Col82, CR82, CL84, CW87, Cun82, Dji82, DH87, FJ86, Fin85, FJ81, GS84, Gil80b, GRE84, GJ86, GS80, GLM83, GLM84, HM85, HT86, Hea87, HK86, HK83, JOv83, KSSS80, MW83,

MN84, OBB81, PS86, Sak82, SK86, Sax80, SS85, She82, SCC83, Tay82, Wan83, Wan84]. **gravity** [Elf81]. **Greedoids** [KL84]. **greedy** [BL86, FW82, HKS85]. **Group** [EH87, GM86, AJ85, Bac82, CH80a, CH81, DK87, Fis84, HHW81, HSD81, Hwa84, KV86, Lam87, Meh86]. **groups** [MP84b, Sta80a, Sta80b]. **grown** [MP84a]. **growth** [FS80, Rot81].

**Hadamard** [BS87]. **Hahn** [Dun80]. **hair** [Mon86]. **hairs** [APSZ81]. **Half** [DGK81b]. **Half-plane** [DGK81b]. **Hamiltonian** [GS84]. **Hammond** [GJR83]. **handicap** [Ber80a]. **Hard** [Lin86, Bou84, Sta80a]. **harmonious** [GS80, HK83]. **Hash** [FK84]. **having** [GH87a]. **Helly** [Pec81]. **Hermite** [KKS87]. **Hermitian** [DGK83, Gag83, JR85, dN85]. **Hessian** [CC86]. **heuristic** [FW82, Lin87]. **heuristics** [Lan84, Won80]. **hierarchical** [Toc84]. **hierarchy** [Bal85]. **Hill** [Tov85, DS87]. **hill-climbing** [DS87]. **homogeneous** [FW80]. **Homology** [Sta85]. **homometric** [RS82]. **hookup** [KCP82]. **Hopf** [Hil87]. **HSD** [AMMT87]. **Hypergeometric** [HSD81]. **hypergraphs** [FJ86]. **hyperplane** [Rot84]. **hypotheses** [SSM84].

**identifying** [DM86]. **II** [CP87, DGK80, Gag83, Kan82a, KS87b, Red85b, Red86, Ros82]. **ill** [AG83]. **ill-posed** [AG83]. **images** [Joh85]. **immanantal** [Mer86]. **Implementation** [Pro85]. **implications** [BH83]. **improve** [Phi87]. **Incidence** [LR81, Sak80]. **including** [Tre86]. **Incomplete** [Buo86]. **Incremental** [CBS85]. **indecomposability** [BL83]. **independence** [BP82, Hul84]. **independent** [BE84, Wil86]. **Index** [Cam83, Bol83, Bra82, DG86]. **indifference** [CR82]. **industrial** [Tog86]. **Inequalities** [DF83a]. **inequality** [BR82, DER85, Hil87, She80]. **inertia** [JR85]. **infinite** [KV86, Wim84]. **information** [Kör86]. **Inherited** [BJOv87]. **Instability** [Vic84]. **Integer** [BT81, FF80, Sta85]. **integral** [Coo83]. **intersecting** [FFF$^+$86, Fis87]. **intersections** [Rot84]. **interval** [Fis81, Fis83, GW80, LAP82]. **Intrinsic** [Abe85]. **invariant** [Bha83, Chu85a, Đok87, Jon82, SK86]. **inventory** [FW80]. **Inverse** [AT86, BJOv87, Cha83, DGK80, Lam87, Toc84]. **inverses** [MW87, Smi81, Tre86]. **Inversion** [GM86, Min85a, Tre85]. **Invertible** [EGL87]. **Inverting** [GLM84]. **irreducibility** [BL83]. **irreducible** [Gol80, Har86]. **Isolating** [AG83]. **isomorphic** [Taz85]. **Isomorphism** [KCP82]. **iterations** [BP86]. **Iterative** [KMS84, FP84, Gup86, Had85, Kri85, Ple86, UP83].

**Jacobi** [Dun80, Ebe87, Lew80]. **Jacobian** [NR83]. **jointed** [DM86]. **jump** [EZR85]. **jump-critical** [EZR85].

**Keldysh** [Ste86]. **Kerdock** [Kan82b, Kan82a]. **kernels** [SS85]. **keyblocks** [DM86]. **keys** [Dem80]. **Kirchhoff** [Cha87]. **KLYM** [DF83a]. **Knuth** [KV86]. **Ko** [DF83b, FF80, Sta80b]. **Komlós** [Kör86].

**Labelled** [GJ86]. **labelling** [WCLO86]. **large** [AJ84, BW80]. **largest** [KW80b]. **Latent** [Fis87]. **later** [DF83b]. **Latin** [GM87a]. **lattice** [BS83, Gil80a]. **Lattices** [Neu83, CS84, Vo81]. **Laurent** [Bul85]. **layered** [MIN87]. **layout** [CLR87]. **Layouts** [LLM84]. **lead** [Chu86]. **leading** [BH85a]. **Leaky** [Ber83]. **least** [DGK80, MT83]. **least-distances** [MT83]. **least-squares** [DGK80]. **Lefschetz** [Sta80a]. **Legendre** [Grü86]. **lemma** [Min85a]. **lemmas** [MN80]. **length** [APSZ81, Cha87, Mon86]. **level**

[DW85, Moo83]. **lexicographic** [Vo81]. **Lie** [MP84b]. **limitations** [Abe85]. **limited** [PY82]. **limiting** [Mey80, Per87]. **line** [BW86, Car84, DER85, Gal86, HS81]. **line-connectivity** [BW86]. **line-sum-symmetric** [DER85]. **Linear** [BL83, KOY86, Bol85a, Buz82, Cam83, CFG80, DD85, Đok87, FP84, GP83, Had85, KL84, Len82, MIN87, OW85, Pro85, Pro83, Pro87, SSM84, Szp87, UP83, de 87, de 84a]. **linear/nonlinear** [MIN87]. **lines** [HRS87, MT83]. **lives** [Bha82]. **Local** [Mac81, Tov85]. **location** [CNW80, CT82, DW80, HS81, MZH83, Tam83, Zem85]. **logarithms** [BFHMV84]. **lot** [FW80]. **lot-size** [FW80]. **low** [KS87b]. **lower** [Gal86, Len82, Pip80]. **Lyapunov** [CT15, BN87, CDJ82, FS85].

**majority** [AJ84, Abe85]. **Majorization** [Lih82]. **manifold** [Chu84]. **manipulability** [Tog86]. **Mappings** [AJ85]. **maps** [BB87, DD85, FB84, Sak80, Wal83]. **marketing** [Zem81]. **Markov** [BP86, Bar86, BB87, FS84, FB84, GM86, HR86, Hav86, Hey87, KMS84, Lat82, Mey80, NS81]. **Markov-dependent** [NS81]. **matched** [GHW86]. **matching** [Coo83]. **matchings** [Vo81]. **Mathematical** [JS86, Dre82]. **mathematics** [Fis84]. **Matrices** [HMS87, AO86, AMT86, AT86, AMMT87, Bra82, BL86, BL83, BS86, Buo86, BB87, CDJ82, CC86, DER85, DGK83, EJ82, EGL87, ES82, Gan81, GH87a, GLM81, GLM83, HM84, Har86, Has85, HKS85, JS81, JOv83, JR85, KKS87, KW80a, Lew80, LR81, Mat84, MIN87, NR83, OW85, Per87, RZ82, Ros84, Sha87, SP84, Smi81, Tam83, Toc84, Tre85, Tre86, VC82, Wal86, Wat87, dN85]. **Matrix** [BH83, RV83, Bar86, BJOv87, BPP81, BJW85, CDS84, Cha82, Chu86, DGK81a, DGK81b, EH87, FS80, FP84, Grü81, HU85, HH86, LR83, Liu87, MN80, Min85a, Ros82, Ste86, TS85, Uhl85, Vic85]. **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** [Đok87, 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].

**packed** [BCCL83]. **packing** [BC81, CN85, CGJ82, FW82, Gal86, HS86, She81]. **Packings** [HK86]. **pair** [KSSS80]. **paired** [Ber80a, KS85]. **pairs** [CDS84, CTPR85]. **paradoxes** [Bol85b]. **Parallel** [Whi86, WS82, Ebe87, HT86, KKS87, OW85, Ple86, SCC83, de 87]. **parameter** [Bha83, SN85]. **Parametric** [Gal86]. **parametrization** [DGK83]. **parity** [Mol86]. **partial** [AP86, CFG80, GYY80, Sak80, She80, WT81, Win83, Yan82]. **partially** [Lih82]. **partition** [Bol87, CM84]. **partitioning** [Bar82, Dji82, HSY85]. **Partitions** [Tan83]. **passing** [Dav86]. **path** [CG82]. **paths** [RS85]. **patterns** [CH80b]. **pebbling** [Liu87]. **Perfect** [CRS83, FK84, Mol86, Phe83, Sak82, She82]. **perfection** [CN85]. **Performance** [Lan84]. **periodic** [HG85, Zem81]. **Permutation** [Tch85, BW80, LL87, MP84a]. **permutationally** [GH82]. **Permutations** [BM87]. **person** [Dia80]. **personnel** [WCLO86]. **perturbation** [Bol85a, Mey80, dN85]. **phase** [Lat82]. **phase-type** [Lat82]. **picycles** [Fis83]. **pivoting** [Dav86]. **placement** [CBS85].

**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** [Đok87, 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]. **Voronoı** [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** [Her84a]. **Whitney** [IW81]. **whose** [Smi81]. **width** [Cha87, CGW87]. **wiring** [CGW87]. **without** [Wal83, Wes82, Wim82]. **Worst** [Won80]. **Worst-case** [Won80].

**years** [DF83b]. **Young** [Gan81].

**zeros** [BS86].

# References

**Albertson:1984:CAO**

[AB84] Michael O. Albertson and David M. Berman. Combinatorial aspects of the orrery model of syntax. *SIAM Journal on Algebraic and Discrete Methods*, 5(3):451–456, 1984. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Aschbacher:1987:EUS**

[ABBW87] Michael Aschbacher, Pierre Baldi, Eric B. Baum, and Richard M. Wilson. Embeddings of ultrametric spaces in finite-dimensional structures. *SIAM Journal on Algebraic and Discrete Methods*, 8(4):564–577, 1987. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Abello:1985:ILM**

[Abe85] James M. Abello. Intrinsic limitations of the majority rule, an algorithmic approach. *SIAM Journal on Algebraic and Discrete Methods*, 6 (1):133–144, January 1985. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Aggarwal:1980:DSR**

[ACN80] V. Aggarwal, R. Chandrasekaran, and K. P. K. Nair. Discounted stochastic ratio games. *SIAM Journal on Algebraic and Discrete Methods*, 1(2):201–210, June 1980. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Arnborg:1987:CFE**

[ACP87] Stefan Arnborg, Derek G. Corneil, and Andrzej Proskurowski. Complexity of finding embeddings in a $k$-tree. *SIAM Journal on Algebraic and Discrete Methods*, 8(2):277–284, 1987. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Aulick:1983:IEE**

[AG83] C. Mark Aulick and Thomas M. Gallie. Isolating error effects in solving ill-posed problems. *SIAM Journal on Algebraic and Discrete Methods*, 4(3):371–376, 1983. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Aspvall:1984:GCU**

[AG84] Bengt Aspvall and John R. Gilbert. Graph coloring using eigenvalue decomposition. *SIAM Journal on Algebraic and Discrete Methods*, 5(4):526–538, 1984. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Araoz:1981:SRP**

[AJ81] Julián Aráoz and Ellis L. Johnson. Some results on polyhedra of semigroup problems. *SIAM Journal on Algebraic and Discrete Methods*, 2(3):244–258, September 1981. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Abello:1984:HLT**

[AJ84] James M. Abello and Charles R. Johnson. How large are transitive simple majority domains. *SIAM Journal on Algebraic and Discrete Methods*, 5(4):603–618, 1984. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Araoz:1985:MFN**

[AJ85] Julián Aráoz and Ellis L. Johnson. Mappings and facets for nonabelian group problems. *SIAM Journal on Algebraic and Discrete Methods*, 6(2):171–188, 1985. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Aashtiani:1981:ECT**

[AM81] H. Z. Aashtiani and T. L. Magnanti. Equilibria on a congested transportation network. *SIAM Journal on Algebraic and Discrete Methods*, 2(3):213–226, September 1981. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Anderson:1987:CMH**

[AMMT87] William N. Anderson, Jr., Michael E. Mays, Thomas D. Morley, and George E. Trapp. The contraharmonic mean of

HSD matrices. *SIAM Journal on Algebraic and Discrete Methods*, 8(4):674–682, 1987. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Anderson:1986:CAS**

[AMT86] W. N. Anderson, Jr., T. D. Morley, and G. E. Trapp. Cascade addition and subtraction of matrices. *SIAM Journal on Algebraic and Discrete Methods*, 7(4):609–626, 1986. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Aczel:1984:ATA**

[ANW84] J. Aczél, C. T. Ng, and C. Wagner. Aggregation theorems for allocation problems. *SIAM Journal on Algebraic and Discrete Methods*, 5(1):1–8, March 1984. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Albertson:1981:CRS**

[AO81] Michael O. Albertson and Claire J. O'Keefe. Covering regions with squares. *SIAM Journal on Algebraic and Discrete Methods*, 2(3):240–243, September 1981. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Ahac:1986:SMF**

[AO86] Alan A. Ahac and D. D. Olesky. A stable method for the *LU* factorization of *M*-matrices. *SIAM Journal on Algebraic and Discrete Methods*, 7(3):368–378, 1986. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Arnborg:1986:CRP**

[AP86] Stefan Arnborg and Andrzej Proskurowski. Characterization and recognition of partial 3-trees. *SIAM Journal on Algebraic and Discrete Methods*, 7(2):305–314, 1986. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Assmann:1981:BCH**

[APSZ81] S. F. Assmann, G. W. Peck, M. M. Syslo, and J. Zak. The bandwidth of caterpillars with hairs of length 1 and 2*. *SIAM Journal on Algebraic and Discrete Methods*, 2(4):387–393, December 1981. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Arthurs:1980:COD**

[AS80] E. Arthurs and B. W. Stuck. Controlling overload in a digital system. *SIAM Journal on Algebraic and Discrete Methods*, 1(2):232–250, June 1980. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Alon:1985:CMS**

[AT85] N. Alon and M. Tarsi. Covering multigraphs by simple circuits. *SIAM Journal on Algebraic and Discrete Methods*, 6(3):345–350, 1985. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Anderson:1986:IPM**

[AT86] William N. Anderson, Jr. and George E. Trapp. Inverse problems for means of matrices. *SIAM Journal on Algebraic and Discrete Methods*, 7(2):188–192, 1986. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Aczel:1980:CWA**

[AW80] J. Aczél and C. Wagner. A characterization of weighted arithmetic means. *SIAM Journal on Algebraic and Discrete Methods*, 1(3):259–260, 1980. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Baclawski:1982:RAU**

[Bac82] Kenneth Baclawski. Recursive algorithms for unitary and symplectic group representations. *SIAM Journal on Algebraic and Discrete Methods*, 3(4):592–605, 1982. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Balas:1985:DPH**

[Bal85] Egon Balas. Disjunctive programming and a hierarchy of relaxations for discrete optimization problems. *SIAM Journal on Algebraic and Discrete Methods*, 6(3):466–486, July 1985. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Baringhaus:1980:CDR**

[Bar80] Ludwig Baringhaus. Characterization of distributions by random sums. *SIAM Journal on Algebraic and Discrete Methods*, 1(3):345–347, 1980. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Barnes:1982:APN**

[Bar82] Earl R. Barnes. An algorithm for partitioning the nodes of a graph. *SIAM Journal on Algebraic and Discrete Methods*, 3(4):541–550, December 1982. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Barnett:1984:MGP**

[Bar84] Stephen Barnett. Multiplication of generalized polynomials, with applications to classical orthogonal polynomials. *SIAM Journal on Algebraic and Discrete Methods*, 5(4):457–462, 1984. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Barlow:1986:SPS**

[Bar86] Jesse L. Barlow. On the smallest positive singular value of a singular $M$-matrix with applications to ergodic Markov chains. *SIAM Journal on Algebraic and Discrete Methods*, 7(3):414–424, 1986. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Barnett:1987:CBP**

[Bar87] Stephen Barnett. Change of basis for products of orthogonal polynomials. *SIAM Journal on Algebraic and Discrete Methods*, 8(2):155–162, 1987. CO-

DEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Byers:1987:MMS**

[BB87] W. Byers and A. Boyarsky. Markov maps and the spectral radius of 0-1 matrices. *SIAM Journal on Algebraic and Discrete Methods*, 8(3):364–374, 1987. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Baker:1981:TAB**

[BC81] B. S. Baker and E. G. Coffman, Jr. A tight asymptotic bound, for Next-Fit-Decreasing bin-packing. *SIAM Journal on Algebraic and Discrete Methods*, 2(2):147–152, June 1981. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Baker:1983:AAM**

[BCCL83] B. S. Baker, A. R. Calderbank, E. G. Coffman, Jr., and J. C. Lagarias. Approximation algorithms for maximizing the number of squares packed into a rectangle. *SIAM Journal on Algebraic and Discrete Methods*, 4(3):383–397, 1983. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Barak:1984:MNS**

[BE84] Amnon B. Barak and Paul Erdős. On the maximal number of strongly independent vertices in a random acyclic directed graph. *SIAM Journal on Algebraic and Discrete Methods*, 5(4):508–514, 1984. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Berman:1980:GTA**

[Ber80a] Kenneth A. Berman. A graph-theoretical approach to handicap ranking of tournaments and paired comparisons. *SIAM Journal on Algebraic and Discrete Methods*, 1(3):359–361, 1980. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Berman:1980:PTT**

[Ber80b] Kenneth A. Berman. A proof of Tutte's trinity theorem and a new determinant formula. *SIAM Journal on Algebraic and Discrete Methods*, 1(1):64–69, 1980. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Berman:1983:LEC**

[Ber83] Kenneth A. Berman. Leaky electricity: 1-chain formulas for the current and voltage. *SIAM Journal on Algebraic and Discrete Methods*, 4(1):62–66, March 1983. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Berman:1986:BST**

[Ber86] Kenneth A. Berman. Bicycles and spanning trees. *SIAM Journal on Algebraic and Discrete Methods*, 7(1):1–12, 1986. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Berman:1987:EPD**

[Ber87] Simeon M. Berman. An extension of Plackett's differential equation for the multivariate normal density. *SIAM Journal on Algebraic and Discrete Methods*, 8(2):196–197, 1987. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Blake:1984:CLF**

[BFHMV84] I. F. Blake, R. Fuji-Hara, R. C. Mullin, and S. A. Vanstone. Computing logarithms in finite fields of characteristic two. *SIAM Journal on Algebraic and Discrete Methods*, 5(2):276–285, 1984. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Berman:1983:MDS**

[BH83] Abraham Berman and Daniel Hershkowitz. Matrix diagonal stability and its implications. *SIAM Journal on Algebraic and Discrete Methods*, 4(3):377–382, 1983. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Barnes:1985:TPU**

[BH85a] Earl R. Barnes and Alan J. Hoffman. On transportation problems with upper bounds on leading rectangles. *SIAM Journal on Algebraic and Discrete Methods*, 6(3):487–496, July 1985. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Ben-Haim:1985:CSN**

[BH85b] Yakov Ben-Haim. Convex sets and nondestructive assay. *SIAM Journal on Algebraic and Discrete Methods*, 6(4):688–706, 1985. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Bloom:1985:GDG**

[BH85c] G. S. Bloom and D. F. Hsu. On graceful directed graphs. *SIAM Journal on Algebraic and Discrete Methods*, 6(3):519–536, July 1985. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Berman:1986:TPF**

[BH86] Kenneth A. Berman and Michael Hawrylycz. Telephone problems with failures. *SIAM Journal on Algebraic and Discrete Methods*, 7(1):13–17, 1986. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Bhattacharjee:1982:CMR**

[Bha82] Manish C. Bhattacharjee. The class of mean residual lives and some consequences. *SIAM Journal on Algebraic and Discrete Methods*, 3(1):56–65, 1982. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Bhattacharyya:1983:GCI**

[Bha83] S. P. Bhattacharyya. Generalized controllability, $(A, B)$-invariant subspaces and parameter invariant control. *SIAM*

*Journal on Algebraic and Discrete Methods*, 4(4):529–533, 1983. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Burkardt:1986:DVM**

[BHP86] J. Burkardt, C. Hall, and T. Porsching. The dual variable method for the solution of compressible fluid flow problems. *SIAM Journal on Algebraic and Discrete Methods*, 7(3):476–483, 1986. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Barrett:1987:IME**

[BJOv87] Wayne W. Barrett, Charles R. Johnson, D. D. Olesky, and P. van den Driessche. Inherited matrix entries: principal submatrices of the inverse. *SIAM Journal on Algebraic and Discrete Methods*, 8(3):313–322, 1987. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Butler:1985:NSQ**

[BJW85] G. J. Butler, Charles R. Johnson, and H. Wolkowicz. Nonnegative solutions of a quadratic matrix equation arising from comparison theorems in ordinary differential equations. *SIAM Journal on Algebraic and Discrete Methods*, 6(1):47–53, January 1985. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Brualdi:1983:LTN**

[BL83] Richard A. Brualdi and Qiao Li. Linear transformations on nonnegative matrices preserving properties of irreducibility and full indecomposability. *SIAM Journal on Algebraic and Discrete Methods*, 4(1):116–131, 1983. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Broin:1986:DPA**

[BL86] Martin W. Broin and Timothy J. Lowe. A dynamic programming algorithm for covering problems with (greedy) totally balanced constraint matrices. *SIAM Journal on Algebraic and Discrete Methods*, 7(3):348–357, 1986. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Barker:1987:PEC**

[BLP87] George Phillip Barker, Michael Laidacker, and George Poole. Projectionally exposed cones. *SIAM Journal on Algebraic and Discrete Methods*, 8(1):100–105, 1987. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Barnett:1980:SSS**

[BM80] Arnold Barnett and John Mazzarino. On the sequential search for spatially-distributed events. *SIAM Journal on Algebraic and Discrete Methods*, 1(1):82–91, 1980. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Billera:1984:TOM**

[BM84] Louis J. Billera and Beth Spellman Munson. Triangulations of oriented matroids and convex polytopes. *SIAM Journal on Algebraic and Discrete Methods*, 5(4):515–525, 1984. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Beker:1987:PRD**

[BM87] Henry Beker and Chris Mitchell. Permutations with restricted displacement. *SIAM Journal on Algebraic and Discrete Methods*, 8(3):338–363, 1987. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Byers:1987:SVL**

[BN87] Ralph Byers and Stephen Nash. On the singular "vectors" of the Lyapunov operator. *SIAM Journal on Algebraic and Discrete Methods*, 8(1):59–66, 1987. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic). See note [CT15].

**Bolger:1983:BIM**

[Bol83] Edward M. Bolger. The Banzhaf index for multicandidate presidential elections. *SIAM Journal on Algebraic and Discrete Methods*, 4(4):442–458, 1983. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Boley:1985:PRL**

[Bol85a] Daniel Boley. A perturbation result for linear control problems. *SIAM Journal on Algebraic and Discrete Methods*, 6 (1):66–72, January 1985. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Bolger:1985:MOP**

[Bol85b] Edward M. Bolger. Monotonicity and other paradoxes in some proportional representation schemes. *SIAM Journal on Algebraic and Discrete Methods*, 6(2):283–291, 1985. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Bolger:1987:CEV**

[Bol87] Edward M. Bolger. A class of efficient values for games in partition function form. *SIAM Journal on Algebraic and Discrete Methods*, 8(3):460–466, 1987. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Booth:1982:OOS**

[Boo82] R. S. Booth. An odd order search problem. *SIAM Journal on Algebraic and Discrete Methods*, 3 (1):135–143, March 1982. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Bostock:1984:DSP**

[Bos84] F. A. Bostock. On a discrete search problem on three arcs. *SIAM Journal on Algebraic and Discrete Methods*, 5(1):94–100, 1984. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Boucher:1984:HCA**

[Bou84] Andy Boucher. It's hard to color antirectangles. *SIAM Journal on Algebraic and Discrete Methods*, 5(2):162–163, 1984. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Bouchet:1987:DDE**

[Bou87] André Bouchet. Digraph decompositions and Eulerian systems. *SIAM Journal on Algebraic and Discrete Methods*, 8(3):323–337, 1987. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Ball:1982:BRP**

[BP82] Michael O. Ball and J. Scott Provan. Bounds on the reliability polynomial for shellable independence systems. *SIAM Journal on Algebraic and Discrete Methods*, 3(2):166–181, 1982. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Bagchi:1985:ANG**

[BP85] A. Bagchi and A. K. Pal. Asymptotic normality in the generalized Polya-Eggenberger urn model, with an application to computer data structures. *SIAM Journal on Algebraic and Discrete Methods*, 6(3):394–405, July 1985. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Barker:1986:CIC**

[BP86] G. P. Barker and R. J. Plemmons. Convergent iterations for computing stationary distributions of Markov chains. *SIAM Journal on Algebraic and Discrete Methods*, 7(3):390–398, 1986. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Berman:1981:DSO**

[BPP81] A. Berman, B. N. Parlett, and R. J. Plemmons. Diagonal scaling to an orthogonal matrix. *SIAM Journal on Algebraic and Discrete Methods*, 2 (1):57–65, March 1981. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Batty:1982:SRR**

[BPR82] C. J. K. Batty, M. J. Pelling, and D. G. Rogers. Some recurrence relations of recursive minimization. *SIAM Journal on Algebraic and Discrete Methods*, 3 (1):13–29, March 1982. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Batty:1982:SMS**

[BR82] C. J. K. Batty and D. G. Rogers. Some maximal solutions of the generalized subadditive inequality. *SIAM Journal on Algebraic and Discrete Methods*, 3(3):369–378, 1982. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Brawley:1982:CMD**

[Bra82] J. V. Brawley. Counting matrices by Drazin index. *SIAM Journal on Algebraic and Discrete Methods*, 3(1):30–34, March

1982. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Barnes:1983:OLQ**

[BS83] E. S. Barnes and N. J. A. Sloane. The optimal lattice quantizer in three dimensions. *SIAM Journal on Algebraic and Discrete Methods*, 4(1):30–41, 1983. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Brualdi:1986:SRC**

[BS86] Richard A. Brualdi and Ernie S. Solheid. On the spectral radius of complementary acyclic matrices of zeros and ones. *SIAM Journal on Algebraic and Discrete Methods*, 7(2):265–272, 1986. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Beery:1987:RHT**

[BS87] Yair Be'ery and Jakov Snyders. A recursive Hadamard transform optimal soft decision decoding algorithm. *SIAM Journal on Algebraic and Discrete Methods*, 8(4):778–789, 1987. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Baum:1981:IRP**

[BT81] S. Baum and L. E. Trotter, Jr. Integer rounding for polymatroid and branching optimization problems. *SIAM Journal on Algebraic and Discrete Methods*, 2(4):416–425, December 1981. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Buck:1986:ED**

[Buc86] Marshall W. Buck. Expanders and diffusers. *SIAM Journal on Algebraic and Discrete Methods*, 7(2):282–304, 1986. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Buchta:1987:NVR**

[Buc87] Christian Buchta. On the number of vertices of random polyhedra with a given number of facets. *SIAM Journal on Algebraic and Discrete Methods*, 8(1):85–92, 1987. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Bultheel:1985:ABT**

[Bul85] Adhemar Bultheel. The asymptotic behavior of Toeplitz determinants generated by the Laurent coefficients of a meromorphic function. *SIAM Journal on Algebraic and Discrete Methods*, 6(4):624–629, 1985. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Bumby:1981:PT**

[Bum81] Richard T. Bumby. A problem with telephones. *SIAM Journal on Algebraic and Discrete Methods*, 2(1):13–18, March 1981. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Buoni:1986:IFS**

[Buo86] J. J. Buoni. Incomplete factorization of singular $M$-matrices. *SIAM Journal on Algebraic and Discrete Methods*, 7(2):193–198, 1986. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Buzytsky:1982:EFN**

[Buz82] P. L. Buzytsky. An effective formula for the number of solutions of linear Boolean equations. *SIAM Journal on Algebraic and Discrete Methods*, 3(2):182–186, 1982. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Bertram:1980:DPT**

[BW80] Edward A. Bertram and Victor K. Wei. Decomposing a permutation into two large cycles: an enumeration. *SIAM Journal on Algebraic and Discrete Methods*, 1(4):450–461, 1980. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Boesch:1986:SLC**

[BW86] F. T. Boesch and J. F. Wang. Super line-connectivity properties of circulant graphs. *SIAM Journal on Algebraic and Discrete Methods*, 7(1):89–98, 1986. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Campbell:1983:ITL**

[Cam83] Stephen L. Campbell. Index two linear time-varying singular systems of differential equations. *SIAM Journal on Algebraic and Discrete Methods*, 4(2):237–243, 1983. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Carlson:1984:RSR**

[Car84] David A. Carlson. On reducing the space requirements of a straight-line algorithm. *SIAM Journal on Algebraic and Discrete Methods*, 5(3):442–450, 1984. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Carter:1985:IPA**

[CBS85] H. W. Carter, M. A. Breuer, and Z. A. Syed. Incremental processing applied to Munkres' algorithm and its application in Steinberg's placement procedure. *SIAM Journal on Algebraic and Discrete Methods*, 6(2):210–219, 1985. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Coleman:1986:CCP**

[CC86] Thomas F. Coleman and Jin-Yi Cai. The cyclic coloring problem and estimation of sparse Hessian matrices. *SIAM Journal on Algebraic and Discrete Methods*, 7(2):221–235, 1986. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Colbourn:1982:CBD**

[CCPR82] Charles J. Colbourn, Marlene J. Colbourn, Kevin T. Phelps, and Vojtěch Rödl. Coloring block designs is NP-complete.

*SIAM Journal on Algebraic and Discrete Methods*, 3(3):305–307, 1982. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Carlson:1982:SLT**

[CDJ82] David Carlson, B. N. Datta, and Charles R. Johnson. A semidefinite Lyapunov theorem and the characterization of tridiagonal $D$-stable matrices. *SIAM Journal on Algebraic and Discrete Methods*, 3(3):293–304, 1982. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Chaiken:1983:ODT**

[CDS83] S. Chaiken, A. K. Dewdney, and P. J. Slater. An optimal diagonal tree code. *SIAM Journal on Algebraic and Discrete Methods*, 4(1):42–49, 1983. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Carlson:1984:CMP**

[CDS84] David Carlson, B. N. Datta, and Hans Schneider. On the controllability of matrix pairs ($A$, $K$) with $K$ positive semidefinite. *SIAM Journal on Algebraic and Discrete Methods*, 5(3):346–350, 1984. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Chung:1980:ULE**

[CFG80] F. R. K. Chung, P. C. Fishburn, and R. L. Graham. On unimodality for linear extensions of partial orders. *SIAM Journal on Algebraic and Discrete Methods*, 1(4):405–410, 1980. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Camerini:1982:BPT**

[CG82] Paolo M. Camerini and Giulia Galbiati. The bounded path tree problem. *SIAM Journal on Algebraic and Discrete Methods*, 3(4):474–484, 1982. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Chung:1982:PTD**

[CGJ82] F. R. K. Chung, M. R. Garey, and D. S. Johnson. On packing two-dimensional bins. *SIAM Journal on Algebraic and Discrete Methods*, 3(1):66–76, March 1982. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Coppersmith:1987:DMC**

[CGW87] D. Coppersmith, I. Gopal, and C. K. Wong. Distribution of the minimum channel width in VLSI wiring. *SIAM Journal on Algebraic and Discrete Methods*, 8(2):285–290, 1987. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Chang:1980:GTP**

[CH80a] Gerard J. Chang and F. K. Hwang. A group testing problem. *SIAM Journal on Algebraic and Discrete Methods*, 1(1):21–24, 1980. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Chung:1980:CPT**

[CH80b] F. R. K. Chung and F. K. Hwang. The connection patterns of two complete binary trees. *SIAM Journal on Algebraic and Discrete Methods*, 1(3):322–335, 1980. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Chang:1981:GTP**

[CH81] Gerard J. Chang and F. K. Hwang. A group testing problem on two disjoint sets. *SIAM Journal on Algebraic and Discrete Methods*, 2(1):35–38, March 1981. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Choudhury:1987:COS**

[CH87] Dipa Choudhury and Roger A. Horn. A complex orthogonal-symmetric analog of the polar decomposition. *SIAM Journal on Algebraic and Discrete Methods*, 8(2):219–225, 1987. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Chaiken:1982:CPA**

[Cha82] Seth Chaiken. A combinatorial proof of the all minors matrix tree theorem. *SIAM Journal on Algebraic and Discrete Methods*, 3(3):319–329, 1982. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Chaiken:1983:MAB**

[Cha83] Seth Chaiken. A matroid abstraction of the Bott–Duffin constrained inverse. *SIAM Journal on Algebraic and Discrete Methods*, 4(4):467–475, 1983. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Chaiken:1987:ELW**

[Cha87] Seth Chaiken. Extremal length and width of blocking polyhedra, Kirchhoff spaces and multiport networks. *SIAM Journal on Algebraic and Discrete Methods*, 8(4):635–645, 1987. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Christen:1983:ODT**

[Chr83] C. Christen. Optimal detection of two complementary defectives. *SIAM Journal on Algebraic and Discrete Methods*, 4 (1):101–110, March 1983. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Chung:1981:DG**

[Chu81] F. R. K. Chung. On the decomposition of graphs. *SIAM Journal on Algebraic and Discrete Methods*, 2(1):1–12, March 1981. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Chu:1984:GTF**

[Chu84] Moody T. Chu. The generalized Toda flow, the QR algorithm and the center manifold theory. *SIAM Journal on Algebraic and Discrete Methods*, 5(2):187–201, 1984. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Chung:1985:NNI**

[Chu85a] Chia-Shin Chung. A note on the number of invariant capital stocks. *SIAM Journal on Algebraic and Discrete Methods*, 6(2):242–244, 1985. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Chung:1985:CTB**

[Chu85b] Fan R. K. Chung. On the cutwidth and the topological bandwidth of a tree. *SIAM Journal on Algebraic and Discrete Methods*, 6(2):268–277, 1985. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Chu:1986:CLE**

[Chu86] Moody T. Chu. Curves on $S^{n-1}$ that lead to eigenvalues or their means of a matrix. *SIAM Journal on Algebraic and Discrete Methods*, 7(3):425–432, 1986. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Ciancutti:1985:DSM**

[Cia85] Mark Ciancutti. On discrete search for a multiple number of objects. *SIAM Journal on Algebraic and Discrete Methods*, 6(2):335–340, 1985. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Cook:1986:RBM**

[CK86] Wade D. Cook and Moshe Kress. Relationships between $l^1$ metrics on rankings: the case of ties. *SIAM Journal on Algebraic and Discrete Methods*, 7(3):445–451, 1986. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Corneil:1987:DPA**

[CK87] D. G. Corneil and J. M. Keil. A dynamic programming approach to the dominating set problem on $k$-trees. *SIAM Journal on Algebraic and Discrete Methods*, 8(4):535–543, 1987. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Chaiken:1981:CRR**

[CKSS81] Seth Chaiken, Daniel J. Kleitman, Michael Saks, and James Shearer. Covering regions by rectangles. *SIAM Journal on Algebraic and Discrete Methods*, 2(4):394–410, December 1981. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Cozzens:1984:TDG**

[CL84] Margaret B. Cozzens and Rochelle Leibowitz. Threshold dimension of graphs. *SIAM Journal on Algebraic and Discrete Methods*, 5(4):579–595, 1984. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Claus:1984:NFT**

[Cla84] A. Claus. A new formulation for the travelling salesman problem. *SIAM Journal on Algebraic and Discrete Methods*, 5

(1):21–25, March 1984. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Clark:1986:DMN**

[Cla86] Kenneth D. Clark. Difference methods for the numerical solution of time-varying singular systems of differential equations. *SIAM Journal on Algebraic and Discrete Methods*, 7(2):236–246, 1986. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Chung:1987:EGB**

[CLR87] Fan R. K. Chung, Frank Thomson Leighton, and Arnold L. Rosenberg. Embedding graphs in books: a layout problem with applications to VLSI design. *SIAM Journal on Algebraic and Discrete Methods*, 8(1):33–58, 1987. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Camerini:1984:UPS**

[CM84] P. M. Camerini and F. Maffioli. Unlabelled partition systems: optimization and complexity. *SIAM Journal on Algebraic and Discrete Methods*, 5(3):426–441, 1984. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Cheng:1985:OWD**

[CMW85] Ching-Shui Cheng, Joseph C. Masaro, and Chi Song Wong. Optimal weighing designs. *SIAM Journal on Algebraic and Discrete Methods*, 6(2):259–267, 1985. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Chang:1984:DSP**

[CN84] Gerard J. Chang and George L. Nemhauser. The $k$-domination and $k$-stability problems on sun-free chordal graphs. *SIAM Journal on Algebraic and Discrete Methods*, 5(3):332–345, 1984. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Chang:1985:CPG**

[CN85] Gerard J. Chang and George L. Nemhauser. Covering, packing and generalized perfection. *SIAM Journal on Algebraic and Discrete Methods*, 6(1):109–132, January 1985. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Cornuejols:1980:CRS**

[CNW80] Gerard Cornuejols, George L. Nemhauser, and Laurence A. Wolsey. A canonical representation of simple plant location problems and its applications. *SIAM Journal on Algebraic and Discrete Methods*, 1(3):261–272, 1980. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Colbourn:1982:FSM**

[Col82] Charles J. Colbourn. Farey series and maximal outerplanar graphs. *SIAM Journal on Algebraic and Discrete Methods*, 3(2):187–189, 1982. CO-

DEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Colbourn:1987:NR**

[Col87] Charles J. Colbourn. Network resilience. *SIAM Journal on Algebraic and Discrete Methods*, 8(3):404–409, 1987. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Cook:1983:MTD**

[Coo83] William Cook. A minimal totally dual integral defining system for the $b$-matching polyhedron. *SIAM Journal on Algebraic and Discrete Methods*, 4(2):212–220, 1983. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Campbell:1983:CFS**

[CP83] Stephen L. Campbell and Linda R. Petzold. Canonical forms and solvable singular systems of differential equations. *SIAM Journal on Algebraic and Discrete Methods*, 4(4):517–521, 1983. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Coleman:1986:NSP**

[CP86] Thomas F. Coleman and Alex Pothen. The null space problem. I. Complexity. *SIAM Journal on Algebraic and Discrete Methods*, 7(4):527–537, 1986. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Coleman:1987:NSP**

[CP87] Thomas F. Coleman and Alex Pothen. The null space problem. II. Algorithms. *SIAM Journal on Algebraic and Discrete Methods*, 8(4):544–563, 1987. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Cozzens:1982:DSD**

[CR82] Margaret B. Cozzens and Fred S. Roberts. Double semiorders and double indifference graphs. *SIAM Journal on Algebraic and Discrete Methods*, 3(4):566–583, 1982. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Chung:1983:PSR**

[CRS83] F. R. K. Chung, A. L. Rosenberg, and Lawrence Snyder. Perfect storage representations for families of data structures. *SIAM Journal on Algebraic and Discrete Methods*, 4(4):548–565, December 1983. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Conway:1984:VRC**

[CS84] J. H. Conway and N. J. A. Sloane. On the Voronoĭ regions of certain lattices. *SIAM Journal on Algebraic and Discrete Methods*, 5(3):294–305, 1984. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Chhetry:1987:PDB**

[CS87] Devendra Chhetry and Allan R. Sampson. A projection de-

composition for bivariate discrete probability distributions. *SIAM Journal on Algebraic and Discrete Methods*, 8(3):501–509, 1987. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Chandrasekaran:1980:ACC**

[CT80] R. Chandrasekaran and A. Tamir. An $O((n \log p)^2)$ algorithm for the continuous $p$-center problem on a tree. *SIAM Journal on Algebraic and Discrete Methods*, 1(4):370–375, 1980. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Cornuejols:1982:PAS**

[CT82] Gerard Cornuejols and Jean-Michel Thizy. A primal approach to the simple plant location problem. *SIAM Journal on Algebraic and Discrete Methods*, 3(4):504–510, December 1982. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Chen:2015:NSV**

[CT15] Sheng Chen and Yunbo Tian. Note on "On the Singular 'Vectors' of the Lyapunov Operator" by R. Byers and S. Nash. *SIAM Journal on Matrix Analysis and Applications*, 36(3): 1069–1072, ???? 2015. CODEN SJMAEL. ISSN 0895-4798 (print), 1095-7162 (electronic). See [BN87].

**Chung:1985:CSP**

[CTPR85] F. R. K. Chung, R. E. Tarjan, W. J. Paul, and R. Reischuk. Coding strings by pairs of strings. *SIAM Journal on Algebraic and Discrete Methods*, 6(3):445–461, 1985. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Culik:1984:MM**

[Čul84] Karel Čulík. On metapaths in metagraphs. *SIAM Journal on Algebraic and Discrete Methods*, 5(4):551–568, 1984. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Cunningham:1982:DDG**

[Cun82] William H. Cunningham. Decomposition of directed graphs. *SIAM Journal on Algebraic and Discrete Methods*, 3(2):214–228, 1982. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Calderbank:1982:MVB**

[CW82] Robert Calderbank and David B. Wales. Multiplying vectors in binary quadratic residue codes. *SIAM Journal on Algebraic and Discrete Methods*, 3(1):43–55, March 1982. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Cozzens:1987:MCE**

[CW87] Margaret B. Cozzens and Shu Shih Y. Wu. On minimum critically $n$-edge-connected graphs. *SIAM Journal on Algebraic and*

*Discrete Methods*, 8(4):659–669, 1987. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Davis:1986:CFP**

[Dav86] George J. Davis. Column *LU* factorization with pivoting on a message-passing multiprocessor. *SIAM Journal on Algebraic and Discrete Methods*, 7(4):538–550, 1986. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Downs:1981:RSS**

[DC81] T. Downs and P. K. W. Chan. The reliability of standby systems with a faulty switch. *SIAM Journal on Algebraic and Discrete Methods*, 2(4):464–471, December 1981. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Daykin:1985:OPM**

[DD85] David E. Daykin and Jacqueline W. Daykin. Order preserving maps and linear extensions of a finite poset. *SIAM Journal on Algebraic and Discrete Methods*, 6(4):738–748, 1985. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**deWerra:1984:PSL**

[de 84a] D. de Werra. Preemptive scheduling, linear programming and network flows. *SIAM Journal on Algebraic and Discrete Methods*, 5(1):11–20, March 1984. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**deWerra:1984:SPS**

[de 84b] Dominique de Werra. On some properties of the struction of a graph. *SIAM Journal on Algebraic and Discrete Methods*, 5(2):239–243, 1984. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**dePillis:1987:TES**

[de 87] John de Pillis. Tensor equivalents for solution of linear systems: a parallel algorithm. *SIAM Journal on Algebraic and Discrete Methods*, 8(3):291–312, 1987. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Demetrovics:1980:CKA**

[Dem80] J. Demetrovics. Candidate keys and antichains. *SIAM Journal on Algebraic and Discrete Methods*, 1(1):92, 1980. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Dantzig:1985:DSI**

[DER85] George B. Dantzig, B. Curtis Eaves, and Uriel G. Rothblum. A decomposition and scaling-inequality for line-sum-symmetric nonnegative matrices. *SIAM Journal on Algebraic and Discrete Methods*, 6(2):237–241, 1985. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Daykin:1983:ISS**

[DF83a] David E. Daykin and Peter Frankl. Inequalities for subsets of a set and KLYM posets. *SIAM Journal on Algebraic and Discrete Methods*, 4(1):67–69, 1983. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Deza:1983:EKR**

[DF83b] M. Deza and P. Frankl. Erdős-Ko-Rado theorem—22 years later. *SIAM Journal on Algebraic and Discrete Methods*, 4(4):419–431, 1983. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Deuermeyer:1982:SMM**

[DFL82] Bryan L. Deuermeyer, Donald K. Friesen, and Michael A. Langston. Scheduling to maximize the minimum processor finish time in a multiprocessor system. *SIAM Journal on Algebraic and Discrete Methods*, 3(2):190–196, 1982. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Duff:1986:CSI**

[DG86] I. S. Duff and C. W. Gear. Computing the structural index. *SIAM Journal on Algebraic and Discrete Methods*, 7(4):594–603, 1986. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Delsarte:1980:PLS**

[DGK80] Ph. Delsarte, Y. Genin, and Y. Kamp. Planar least-squares inverse polynomials. II. Asymptotic behavior. *SIAM Journal on Algebraic and Discrete Methods*, 1(3):336–344, 1980. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Delsarte:1981:GSR**

[DGK81a] P. Delsarte, Y. Genin, and Y. Kamp. Generalized Schur representation of matrix-valued functions. *SIAM Journal on Algebraic and Discrete Methods*, 2(2):94–107, 1981. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Delsarte:1981:HPM**

[DGK81b] Ph. Delsarte, Y. Genin, and Y. Kamp. Half-plane minimization of matrix-valued quadratic functionals. *SIAM Journal on Algebraic and Discrete Methods*, 2(2):192–211, June 1981. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Delsarte:1983:ECH**

[DGK83] Philippe Delsarte, Y. Genin, and Y. Kamp. Equivalence classes of Hermitian matrices and their Schur parametrization. *SIAM Journal on Algebraic and Discrete Methods*, 4(3):279–289, 1983. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Du:1982:MCF**

[DH82] Ding Zhu Du and F. K. Hwang. Minimizing a combinatorial function. *SIAM Journal on Algebraic and Discrete Methods*,

3(4):523–528, December 1982. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Du:1987:OAC**

[DH87] D. Z. Du and F. K. Hwang. Optimal assignments for consecutive-2 graphs. *SIAM Journal on Algebraic and Discrete Methods*, 8(3):510–518, 1987. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Diamond:1980:AEC**

[Dia80] Harvey Diamond. Asymptotic equilibria in a class of $N$-person symmetric games. *SIAM Journal on Algebraic and Discrete Methods*, 1(1):121–136, 1980. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Djidjev:1982:PPP**

[Dji82] Hristo Nicolov Djidjev. On the problem of partitioning planar graphs. *SIAM Journal on Algebraic and Discrete Methods*, 3(2):229–240, 1982. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**deBruijn:1982:MAC**

[dK82] N. G. de Bruijn and D. A. Klarner. Multisets of aperiodic cycles. *SIAM Journal on Algebraic and Discrete Methods*, 3(3):359–368, 1982. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Du:1987:SCR**

[DK87] Ding Zhu Du and Ker-I Ko. Some completeness results on decision trees and group testing. *SIAM Journal on Algebraic and Discrete Methods*, 8(4):762–777, 1987. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Delport:1986:MMI**

[DM86] J. L. Delport and D. H. Martin. A multiplier method for identifying keyblocks in excavations through jointed rock. *SIAM Journal on Algebraic and Discrete Methods*, 7(2):321–330, 1986. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**dePillis:1985:EPH**

[dN85] John de Pillis and Michael Neumann. The effect of the perturbation of Hermitian matrices on their eigenvectors. *SIAM Journal on Algebraic and Discrete Methods*, 6(2):201–209, 1985. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Doignon:1987:TRM**

[Doi87] Jean-Paul Doignon. Threshold representations of multiple semiorders. *SIAM Journal on Algebraic and Discrete Methods*, 8(1):77–84, 1987. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**deBrandes:1982:CST**

[dPR82] Marcia de Brandes, Kevin T. Phelps, and Vojtěch Rödl. Coloring Steiner triple systems. *SIAM Journal on Algebraic and Discrete Methods*, 3(2):241–249, 1982. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Drews:1982:PAD**

[Dre82] W. P. Drews. Practical applications of discrete mathematical programming in Exxon. *SIAM Journal on Algebraic and Discrete Methods*, 3(4):453–464, December 1982. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Dinitz:1981:FAF**

[DS81] J. H. Dinitz and D. R. Stinson. A fast algorithm for finding strong starters. *SIAM Journal on Algebraic and Discrete Methods*, 2 (1):50–56, March 1981. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Dinitz:1987:HCA**

[DS87] J. H. Dinitz and D. R. Stinson. A hill-climbing algorithm for the construction of one-factorizations and Room squares. *SIAM Journal on Algebraic and Discrete Methods*, 8(3):430–438, 1987. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Dunkl:1980:OPT**

[Dun80] Charles F. Dunkl. Orthogonal polynomials in two variables of $q$-Hahn and $q$-Jacobi type. *SIAM Journal on Algebraic and Discrete Methods*, 1(2):137–151, June 1980. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Drezner:1980:SFD**

[DW80] Z. Drezner and G. O. Wesolowsky. Single facility $l_p$-distance minimax location. *SIAM Journal on Algebraic and Discrete Methods*, 1(3):315–321, 1980. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Dolev:1985:PSO**

[DW85] Danny Dolev and Manfred K. Warmuth. Profile scheduling of opposing forests and level orders. *SIAM Journal on Algebraic and Discrete Methods*, 6(4):665–687, 1985. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Eberlein:1987:OSJ**

[Ebe87] P. J. Eberlein. On one-sided Jacobi methods for parallel computation. *SIAM Journal on Algebraic and Discrete Methods*, 8(4):790–796, 1987. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Ellis:1987:ISE**

[EGL87] Robert L. Ellis, Israel Gohberg, and David C. Lay. Invertible selfadjoint extensions of band matrices and their entropy. *SIAM Journal on Algebraic and Discrete Methods*, 8(3):483–500, 1987. CODEN SJAMDU. ISSN

0196-5212 (print), 2168-345X (electronic).

**Eberly:1987:GCM**

[EH87] David Eberly and Paul Hartung. Group convolutions and matrix transforms. *SIAM Journal on Algebraic and Discrete Methods*, 8(2):263–276, 1987. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Ehrenfeucht:1987:QST**

[EHH87] Andrzej Ehrenfeucht, Jeffrey Haemer, and David Haussler. Quasimonotonic sequences: theory, algorithms and applications. *SIAM Journal on Algebraic and Discrete Methods*, 8(3):410–429, 1987. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Egawa:1982:NMS**

[EJ82] Yoshimi Egawa and S. K. Jain. Nonnegative matrices $A$ such that $Ax = b$ has nonnegative best approximate solution. *SIAM Journal on Algebraic and Discrete Methods*, 3(2):197–213, 1982. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Elfving:1981:SGM**

[Elf81] Tommy Elfving. On the sensitivity of the gravity model. *SIAM Journal on Algebraic and Discrete Methods*, 2(1):19–24, March 1981. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Erdos:1987:BTD**

[EOZ87] Paul Erdős, Edward T. Ordman, and Yechezkel Zalcstein. Bounds on threshold dimension and disjoint threshold coverings. *SIAM Journal on Algebraic and Discrete Methods*, 8(2):151–154, 1987. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Engel:1982:ATD**

[ES82] Gernot M. Engel and Hans Schneider. Algorithms for testing the diagonal similarity of matrices and related problems. *SIAM Journal on Algebraic and Discrete Methods*, 3(4):429–438, 1982. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**El-Zahar:1985:EJC**

[EZR85] M. H. El-Zahar and I. Rival. Examples of jump-critical ordered sets. *SIAM Journal on Algebraic and Discrete Methods*, 6(4):713–720, 1985. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Farber:1986:ASC**

[Far86] Martin Farber. An analogue of the Shannon capacity of a graph. *SIAM Journal on Algebraic and Discrete Methods*, 7(1):67–72, 1986. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Friedman:1984:EVS**

[FB84] Nathan Friedman and Abraham Boyarsky. Entropy versus speed

in ergodic Markov maps. *SIAM Journal on Algebraic and Discrete Methods*, 5(1):82–93, 1984. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Frankl:1980:EKR**

[FF80] Peter Frankl and Zoltán Füredi. The Erdős-Ko-Rado theorem for integer sequences. *SIAM Journal on Algebraic and Discrete Methods*, 1(4):376–381, 1980. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Fishburn:1986:PIS**

[FFF+86] P. C. Fishburn, P. Frankl, D. Freed, J. C. Lagarias, and A. M. Odlyzko. Probabilities for intersecting systems and random subsets of finite sets. *SIAM Journal on Algebraic and Discrete Methods*, 7(1):73–79, 1986. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Farley:1980:RST**

[FHM80] Arthur M. Farley, Stephen T. Hedetniemi, and Sandra L. Mitchell. Rectilinear Steiner trees in rectangle trees. *SIAM Journal on Algebraic and Discrete Methods*, 1(1):70–81, 1980. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Fink:1985:RNT**

[Fin85] John Frederick Fink. Randomly near-traceable graphs. *SIAM Journal on Algebraic and Discrete Methods*, 6(2):251–258, 1985. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Fishburn:1981:MSI**

[Fis81] Peter C. Fishburn. Maximum semiorders in interval orders. *SIAM Journal on Algebraic and Discrete Methods*, 2(2):127–135, 1981. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Fishburn:1983:TBI**

[Fis83] Peter C. Fishburn. Threshold-bounded interval orders and a theory of picycles. *SIAM Journal on Algebraic and Discrete Methods*, 4(3):290–305, 1983. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Fishburn:1984:DMV**

[Fis84] Peter C. Fishburn. Discrete mathematics in voting and group choice. *SIAM Journal on Algebraic and Discrete Methods*, 5 (2):263–275, June 1984. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Fishburn:1987:LSD**

[Fis87] P. C. Fishburn. Latent subsets for dual intersecting systems. *SIAM Journal on Algebraic and Discrete Methods*, 8(4):628–634, 1987. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Flinchbaugh:1981:SCD**

[FJ81] B. E. Flinchbaugh and L. K. Jones. Strong connectivity in directional nearest-neighbor graphs. *SIAM Journal on Algebraic and Discrete Methods*, 2(4):461–463, December 1981. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Farber:1986:CGH**

[FJ86] Martin Farber and Robert E. Jamison. Convexity in graphs and hypergraphs. *SIAM Journal on Algebraic and Discrete Methods*, 7(3):433–444, 1986. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Fredman:1984:SSS**

[FK84] Michael L. Fredman and János Komlós. On the size of separating systems and families of perfect hash functions. *SIAM Journal on Algebraic and Discrete Methods*, 5(1):61–68, March 1984. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Farley:1981:BTM**

[FP81] Arthur M. Farley and Andrzej Proskurowski. Broadcasting in trees with multipole originators. *SIAM Journal on Algebraic and Discrete Methods*, 2(4):381–386, December 1981. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Funderlic:1984:CDI**

[FP84] R. E. Funderlic and R. J. Plemmons. A combined direct-iterative method for certain $M$-matrix linear systems. *SIAM Journal on Algebraic and Discrete Methods*, 5(1):33–42, March 1984. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Funderlic:1986:UFC**

[FP86] R. E. Funderlic and R. J. Plemmons. Updating *LU* factorizations for computing stationary distributions. *SIAM Journal on Algebraic and Discrete Methods*, 7(1):30–42, 1986. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Friedland:1980:GPN**

[FS80] Shmuel Friedland and Hans Schneider. The growth of powers of a nonnegative matrix. *SIAM Journal on Algebraic and Discrete Methods*, 1(2):185–200, June 1980. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Federgrun:1984:FPA**

[FS84] A. Federgrün and P. J. Schweitzer. A fixed point approach to undiscounted Markov renewal programs. *SIAM Journal on Algebraic and Discrete Methods*, 5(4):539–550, 1984. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Fu:1985:SDL**

[FS85] Sheau Wei Fu and Mahmoud E. Sawan. Solution of the discrete Lyapunov equation. *SIAM Journal on Algebraic and Discrete Methods*, 6(2):341–344, 1985. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Friedman:1980:ASI**

[FW80] Moshe Friedman and Jeffrey L. Winter. An asymptotic solution of inventory lot-size models with homogeneous time-dependent demand functions. *SIAM Journal on Algebraic and Discrete Methods*, 1(3):300–314, 1980. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Fisher:1982:GHC**

[FW82] Marshall L. Fisher and Laurence A. Wolsey. On the greedy heuristic for continuous covering and packing problems. *SIAM Journal on Algebraic and Discrete Methods*, 3(4):584–591, December 1982. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Gagola:1981:WEN**

[Gag81] Stephen M. Gagola, Jr. Weight enumerators of normalized codes. *SIAM Journal on Algebraic and Discrete Methods*, 2(4):347–380, December 1981. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Gagola:1983:WEN**

[Gag83] Stephen M. Gagola, Jr. Weight enumerators of normalized codes. II. The Hermitian case. *SIAM Journal on Algebraic and Discrete Methods*, 4(3):317–354, 1983. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Galambos:1986:PLB**

[Gal86] G. Galambos. Parametric lower bound for on-line bin-packing. *SIAM Journal on Algebraic and Discrete Methods*, 7(3):362–367, 1986. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Games:1986:GST**

[Gam86] Richard A. Games. The geometry of $m$-sequences: three-valued crosscorrelations and quadrics in finite projective geometry. *SIAM Journal on Algebraic and Discrete Methods*, 7(1):43–52, 1986. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Games:1987:ACS**

[Gam87] Richard A. Games. An algebraic construction of sonar sequences using $M$-sequences. *SIAM Journal on Algebraic and Discrete Methods*, 8(4):753–761, 1987. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Gansner:1981:ADY**

[Gan81] Emden R. Gansner. Acyclic digraphs, Young tableaux and

nilpotent matrices. *SIAM Journal on Algebraic and Discrete Methods*, 2(4):429–440, December 1981. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Gati:1983:CSP**

[Gat83] Georg Gati. The complexity of solving polynomial equations by prime root extractions. *SIAM Journal on Algebraic and Discrete Methods*, 4(1):70–71, 1983. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Greenberg:1980:CPA**

[GGH80] James Greenberg, Curtis Greene, and Stuart Hastings. A combinatorial problem arising in the study of reaction-diffusion equations. *SIAM Journal on Algebraic and Discrete Methods*, 1(1):34–42, 1980. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Granot:1982:RBC**

[GH82] Daniel Granot and Gur Huberman. The relationship between convex games and minimum cost spanning tree games: a case for permutationally convex games. *SIAM Journal on Algebraic and Discrete Methods*, 3(3):288–292, 1982. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Gustafson:1985:GTF**

[GH85] Karl Gustafson and Robert Hartman. Graph theory and fluid dynamics. *SIAM Journal on Algebraic and Discrete Methods*, 6(4):643–656, 1985. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Garloff:1987:SMH**

[GH87a] Jürgen Garloff and Volker Hattenbach. The spectra of matrices having sums of principal minors with alternating sign. *SIAM Journal on Algebraic and Discrete Methods*, 8(1):106–107, 1987. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Gilbert:1987:CSB**

[GH87b] John R. Gilbert and Michael T. Heath. Computing a sparse basis for the null space. *SIAM Journal on Algebraic and Discrete Methods*, 8(3):446–459, 1987. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Griggs:1986:SAM**

[GHW86] Jerrold R. Griggs, Philip J. Hanlon, and Michael S. Waterman. Sequence alignments with matched sections. *SIAM Journal on Algebraic and Discrete Methods*, 7(4):604–608, 1986. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Gilbert:1980:RCL**

[Gil80a] E. N. Gilbert. Random colorings of a lattice of squares in the plane. *SIAM Journal on Algebraic and Discrete Methods*, 1 (2):152–159, June 1980. CO-

DEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Gilbert:1980:NNC**

[Gil80b] John R. Gilbert. A note on the NP-completeness of vertex elimination on directed graphs. *SIAM Journal on Algebraic and Discrete Methods*, 1(3):292–294, 1980. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Giles:1981:APP**

[Gil81] Rick Giles. Adjacency on the postman polyhedron. *SIAM Journal on Algebraic and Discrete Methods*, 2(2):172–175, June 1981. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Garey:1983:CNN**

[GJ83] M. R. Garey and D. S. Johnson. Crossing number is NP-complete. *SIAM Journal on Algebraic and Discrete Methods*, 4(3):312–316, 1983. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Goulden:1986:LGS**

[GJ86] I. P. Goulden and D. M. Jackson. Labelled graphs with small vertex degrees and $P$-recursiveness. *SIAM Journal on Algebraic and Discrete Methods*, 7(1):60–66, 1986. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Garey:1980:CCC**

[GJMP80] M. R. Garey, D. S. Johnson, G. L. Miller, and C. H. Papadimitriou. The complexity of coloring circular arcs and chords. *SIAM Journal on Algebraic and Discrete Methods*, 1(2):216–227, June 1980. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Goulden:1983:HSS**

[GJR83] I. P. Goulden, D. M. Jackson, and J. W. Reilly. The Hammond series of a symmetric function and its application to $P$-recursiveness. *SIAM Journal on Algebraic and Discrete Methods*, 4(2):179–193, 1983. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Garey:1983:SOF**

[GJTY83] M. R. Garey, D. S. Johnson, R. E. Tarjan, and M. Yannakakis. Scheduling opposing forests. *SIAM Journal on Algebraic and Discrete Methods*, 4 (1):72–93, March 1983. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Graham:1980:SD**

[GLL80] R. L. Graham, S.-Y. R. Li, and W. C. W. Li. On the structure of $t$-designs. *SIAM Journal on Algebraic and Discrete Methods*, 1(1):8–14, 1980. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Greenberg:1981:GTM**

[GLM81] Harvey J. Greenberg, J. Richard Lundgren, and John S. Maybee. Graph theoretic methods for the qualitative analysis of rectangular matrices. *SIAM Journal on Algebraic and Discrete Methods*, 2(3):227–239, September 1981. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Greenberg:1983:RMS**

[GLM83] Harvey J. Greenberg, J. Richard Lundgren, and John S. Maybee. Rectangular matrices and signed graphs. *SIAM Journal on Algebraic and Discrete Methods*, 4(1):50–61, 1983. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Greenberg:1984:ISG**

[GLM84] Harvey J. Greenberg, J. Richard Lundgren, and John S. Maybee. Inverting signed graphs. *SIAM Journal on Algebraic and Discrete Methods*, 5(2):216–223, 1984. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Golub:1986:UFG**

[GM86] Gene H. Golub and Carl D. Meyer, Jr. Using the $QR$ factorization and group inversion to compute, differentiate, and estimate the sensitivity of stationary probabilities for Markov chains. *SIAM Journal on Algebraic and Discrete Methods*, 7(2):273–281, April 1986. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Gibbons:1987:ESF**

[GM87a] P. B. Gibbons and E. Mendelsohn. The existence of a subsquare free Latin square of side 12. *SIAM Journal on Algebraic and Discrete Methods*, 8(1):93–99, 1987. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Green:1987:FVF**

[GM87b] W. L. Green and T. D. Morley. Four variational formulations of the contraharmonic mean of operators. *SIAM Journal on Algebraic and Discrete Methods*, 8(4):670–673, 1987. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Golomb:1980:OSI**

[Gol80] Solomon W. Golomb. Obtaining specified irreducible polynomials over finite fields. *SIAM Journal on Algebraic and Discrete Methods*, 1(4):411–418, 1980. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Goles:1982:FPB**

[Gol82] Eric Goles. Fixed point behavior of threshold functions on a finite set. *SIAM Journal on Algebraic and Discrete Methods*, 3(4):529–531, 1982. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Goldman:1985:PUM**

[Gol85a] Ronald N. Goldman. Polya's urn model and computer aided geometric design. *SIAM Journal on Algebraic and Discrete Methods*, 6(1):1–28, January 1985. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**GolesCh:1985:DBN**

[Gol85b] E. Goles Ch. Dynamical behaviour of neural networks. *SIAM Journal on Algebraic and Discrete Methods*, 6(4):749–754, 1985. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Gierz:1983:MSO**

[GP83] Gerhard Gierz and Werner Poguntke. Minimizing setups for ordered sets: a linear algebraic approach. *SIAM Journal on Algebraic and Discrete Methods*, 4 (1):132–144, March 1983. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Guan:1985:EOC**

[GP85] Mei Gu Guan and William Pulleyblank. Eulerian orientations and circulations. *SIAM Journal on Algebraic and Discrete Methods*, 6(4):657–664, 1985. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Granovsky:1981:OFC**

[Gra81] B. L. Granovsky. Optimal formulae of the conditional Monte Carlo. *SIAM Journal on Algebraic and Discrete Methods*, 2(3):289–294, September 1981. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Gilbert:1984:STC**

[GRE84] John R. Gilbert, Donald J. Rose, and Anders Edenbrandt. A separator theorem for chordal graphs. *SIAM Journal on Algebraic and Discrete Methods*, 5(3):306–313, 1984. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Grunbaum:1981:ETM**

[Grü81] F. Alberto Grünbaum. Eigenvectors of a Toeplitz matrix: discrete version of the prolate spheroidal wave functions. *SIAM Journal on Algebraic and Discrete Methods*, 2(2):136–141, 1981. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Grunbaum:1986:PLD**

[Grü86] F. Alberto Grünbaum. A property of the Legendre differential equation and its discretization. *SIAM Journal on Algebraic and Discrete Methods*, 7(3):358–361, 1986. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Graham:1980:ABH**

[GS80] R. L. Graham and N. J. A. Sloane. On additive bases and harmonious graphs. *SIAM Journal on Algebraic and Discrete Methods*, 1(4):382–404, 1980.

CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Garfinkel:1984:HCS**

[GS84] R. S. Garfinkel and P. S. Sundararaghavan. Hamiltonian cycles in striped graphs: the two-stripe problem. *SIAM Journal on Algebraic and Discrete Methods*, 5(4):463–466, 1984. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Gupta:1986:SET**

[Gup86] Murli M. Gupta. A spectrum enveloping technique for iterative solution of central difference approximations of convection-diffusion equations. *SIAM Journal on Algebraic and Discrete Methods*, 7(4):513–526, 1986. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Griggs:1980:EVI**

[GW80] Jerrold R. Griggs and Douglas B. West. Extremal values of the interval number of a graph. *SIAM Journal on Algebraic and Discrete Methods*, 1(1):1–7, 1980. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Goldberg:1985:BCC**

[GW85] Charles H. Goldberg and Douglas B. West. Bisection of circle colorings. *SIAM Journal on Algebraic and Discrete Methods*, 6(1):93–106, 1985. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Gyori:1986:SPR**

[Gyö86] Ervin Györi. A short proof of the rectilinear art gallery theorem. *SIAM Journal on Algebraic and Discrete Methods*, 7(3):452–454, 1986. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Graham:1980:SMP**

[GYY80] R. L. Graham, A. C. Yao, and F. F. Yao. Some monotonicity properties of partial orders. *SIAM Journal on Algebraic and Discrete Methods*, 1(3):251–258, 1980. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Hadjidimos:1985:OCI**

[Had85] A. Hadjidimos. On the optimization of the classical iterative schemes for the solution of complex singular linear systems. *SIAM Journal on Algebraic and Discrete Methods*, 6(4):555–566, 1985. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Hall:1985:NSN**

[Hal85] Charles A. Hall. Numerical solution of Navier–Stokes problems by the dual variable method. *SIAM Journal on Algebraic and Discrete Methods*, 6(2):220–236, 1985. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Harrod:1986:DTI**

[Har86] W. J. Harrod. *LU*-decompositions of tridiagonal irreducible *H*-matrices. *SIAM Journal on Algebraic and Discrete Methods*, 7(2):180–187, 1986. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Hashimoto:1985:DFM**

[Has85] Hiroshi Hashimoto. Decomposition of fuzzy matrices. *SIAM Journal on Algebraic and Discrete Methods*, 6(1):32–38, January 1985. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Haviv:1986:ASDb**

[Hav86] Moshe Haviv. An approximation to the stationary distribution of a nearly completely decomposable Markov chain and its error analysis. *SIAM Journal on Algebraic and Discrete Methods*, 7(4):589–593, 1986. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Heath:1987:EOG**

[Hea87] Lenwood S. Heath. Embedding outerplanar graphs in small books. *SIAM Journal on Algebraic and Discrete Methods*, 8(2):198–218, 1987. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Herden:1984:AAC**

[Her84a] Gerhard Herden. The approximation of arbitrary clustering functions by clustering functions which satisfy overlapping criteria. *SIAM Journal on Algebraic and Discrete Methods*, 5(4):497–507, 1984. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Herden:1984:SAC**

[Her84b] Gerhard Herden. Some aspects of clustering functions. *SIAM Journal on Algebraic and Discrete Methods*, 5(1):101–116, 1984. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Heyman:1987:FCD**

[Hey87] Daniel P. Heyman. Further comparisons of direct methods for computing stationary distributions of Markov chains. *SIAM Journal on Algebraic and Discrete Methods*, 8(2):226–232, 1987. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Homer:1985:DPS**

[HG85] Steven Homer and Jerry Goldman. Doubly-periodic sequences and two-dimensional recurrences. *SIAM Journal on Algebraic and Discrete Methods*, 6(3):360–370, July 1985. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Haggkvist:1982:SMR**

[HH82] R. Häggkvist and P. Hell. Sorting and merging in rounds. *SIAM Journal on Algebraic and Discrete Methods*, 3(4):465–473, December 1982. CODEN

SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Hong:1986:RMT**

[HH86] Yoo Pyo Hong and Roger A. Horn. On the reduction of a matrix to triangular or diagonal form by consimilarity. *SIAM Journal on Algebraic and Discrete Methods*, 7(1):80–88, 1986. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Hammer:1982:VBA**

[HHS82] P. L. Hammer, P. Hansen, and B. Simeone. Vertices belonging to all or to no maximum stable sets of a graph. *SIAM Journal on Algebraic and Discrete Methods*, 3(4):511–522, 1982. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Hu:1981:BPG**

[HHW81] M. C. Hu, F. K. Hwang, and Ju Kwei Wang. A boundary problem for group testing. *SIAM Journal on Algebraic and Discrete Methods*, 2(2):81–87, June 1981. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Hilliard:1987:CEH**

[Hil87] Lorenzo O. Hilliard. The case of equality in Hopf's inequality. *SIAM Journal on Algebraic and Discrete Methods*, 8(4):691–709, 1987. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Hammer:1981:TS**

[HIS81] P. L. Hammer, T. Ibaraki, and B. Simeone. Threshold sequences. *SIAM Journal on Algebraic and Discrete Methods*, 2 (1):39–49, March 1981. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Hopcroft:1983:HCG**

[HK83] J. E. Hopcroft and M. S. Krishnamoorthy. On the harmonious coloring of graphs. *SIAM Journal on Algebraic and Discrete Methods*, 4(3):306–311, September 1983. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic). Work related to minimal perfect hash functions.

**Hell:1986:PCB**

[HK86] P. Hell and D. G. Kirkpatrick. Packings by complete bipartite graphs. *SIAM Journal on Algebraic and Discrete Methods*, 7(2):199–209, 1986. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Hoffman:1985:TBG**

[HKS85] A. J. Hoffman, A. W. J. Kolen, and M. Sakarovitch. Totally-balanced and greedy matrices. *SIAM Journal on Algebraic and Discrete Methods*, 6(4):721–730, 1985. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Han:1984:CPD**

[HM84] S.-P. Han and O. L. Mangasarian. Characterization of positive

definite and semidefinite matrices via quadratic programming duality. *SIAM Journal on Algebraic and Discrete Methods*, 5 (1):26–32, March 1984. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Hammer:1985:BG**

[HM85] P. L. Hammer and N. V. R. Mahadev. Bithreshold graphs. *SIAM Journal on Algebraic and Discrete Methods*, 6(3):497–506, 1985. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Hershkowitz:1987:MSS**

[HMS87] Daniel Hershkowitz, Volker Mehrmann, and Hans Schneider. Matrices with sign symmetric diagonal shifts or scalar shifts. *SIAM Journal on Algebraic and Discrete Methods*, 8(1):108–122, 1987. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Hochbaum:1983:FSS**

[Hoc83] Dorit S. Hochbaum. On the fractional solution to the set covering problem. *SIAM Journal on Algebraic and Discrete Methods*, 4(2):221–222, 1983. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Helman:1985:CMD**

[HR85] Paul Helman and Arnon Rosenthal. A comprehensive model of dynamic programming. *SIAM Journal on Algebraic and Discrete Methods*, 6(2):319–334, 1985. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Haviv:1986:ASDa**

[HR86] Moshe Haviv and Y. Ritov. An approximation to the stationary distribution of a nearly completely decomposable Markov chain and its error bound. *SIAM Journal on Algebraic and Discrete Methods*, 7(4):583–588, 1986. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Haddad:1987:GFT**

[HRS87] Ramsey W. Haddad, Shaibal Roy, and Alejandro A. Schäffer. On gossiping with faulty telephone lines. *SIAM Journal on Algebraic and Discrete Methods*, 8(3):439–445, 1987. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Hulme:1981:MLD**

[HS81] B. L. Hulme and P. J. Slater. Minimean location of different facilities on a line network. *SIAM Journal on Algebraic and Discrete Methods*, 2(4):411–415, December 1981. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Hochbaum:1985:APC**

[HS85] Dorit S. Hochbaum and David B. Shmoys. An $O(|V|^2)$ algorithm for the planar 3-cut problem. *SIAM Journal on Algebraic*

*and Discrete Methods*, 6(4):707–712, 1985. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Hochbaum:1986:PPY**

[HS86] Dorit S. Hochbaum and David B. Shmoys. A packing problem you can almost solve by sitting on your suitcase. *SIAM Journal on Algebraic and Discrete Methods*, 7(2):247–257, 1986. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Hwang:1981:HGH**

[HSD81] F. K. Hwang, Tien Tai Song, and Ding Zhu Du. Hypergeometric and generalized hypergeometric group testing. *SIAM Journal on Algebraic and Discrete Methods*, 2(4):426–428, December 1981. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Hwang:1985:OSP**

[HSY85] F. K. Hwang, J. Sun, and E. Y. Yao. Optimal set partitioning. *SIAM Journal on Algebraic and Discrete Methods*, 6 (1):163–170, January 1985. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Hassin:1986:EAO**

[HT86] R. Hassin and A. Tamir. Efficient algorithms for optimization and selection on series-parallel graphs. *SIAM Journal on Algebraic and Discrete Methods*, 7(3):379–389, 1986. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Hill:1985:MAA**

[HU85] Richard D. Hill and E. Eugene Underwood. On the matrix adjoint (adjugate). *SIAM Journal on Algebraic and Discrete Methods*, 6(4):731–737, 1985. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Hulme:1984:BMO**

[Hul84] Bernie L. Hulme. Boolean methods of optimization over independence systems. *SIAM Journal on Algebraic and Discrete Methods*, 5(2):255–262, 1984. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Harary:1982:PSG**

[HVW82] Frank Harary, Andrew Vince, and Dale Worley. A point-symmetric graph that is nowhere reversible. *SIAM Journal on Algebraic and Discrete Methods*, 3(3):285–287, 1982. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Hwang:1984:TVG**

[Hwa84] F. K. Hwang. Three versions of a group testing game. *SIAM Journal on Algebraic and Discrete Methods*, 5(2):145–153, 1984. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Hwang:1986:SRC**

[Hwa86] F. K. Hwang. Simplified reliabilities for consecutive-$k$-out-of-$n$ systems. *SIAM Journal on Algebraic and Discrete Methods*, 7(2):258–264, 1986. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Inukai:1981:WCM**

[IW81] Thomas Inukai and Louis Weinberg. Whitney connectivity of matroids. *SIAM Journal on Algebraic and Discrete Methods*, 2 (2):108–120, June 1981. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Johnson:1987:FPG**

[JM87] Ellis L. Johnson and Sebastiano Mosterts. On four problems in graph theory. *SIAM Journal on Algebraic and Discrete Methods*, 8(2):163–185, 1987. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Johnson:1985:CNS**

[Joh85] Carolyn R. Johnson. Convergence of a nonlinear sharpening transformation for digital images. *SIAM Journal on Algebraic and Discrete Methods*, 6 (3):462–465, July 1985. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Jones:1982:COI**

[Jon82] Philip C. Jones. Computing an optimal invariant capital stock. *SIAM Journal on Algebraic and Discrete Methods*, 3(2):145–150, 1982. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Johnson:1983:CMT**

[JOv83] Charles R. Johnson, D. D. Olesky, and P. van den Driessche. A class of $M$-matrices with tree graphs. *SIAM Journal on Algebraic and Discrete Methods*, 4(4):476–480, 1983. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Johnson:1985:CSH**

[JR85] Charles R. Johnson and Leiba Rodman. Convex sets of Hermitian matrices with constant inertia. *SIAM Journal on Algebraic and Discrete Methods*, 6(3):351–359, 1985. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Jain:1981:NMM**

[JS81] S. K. Jain and L. E. Snyder. Nonnegative $\lambda$-monotone matrices. *SIAM Journal on Algebraic and Discrete Methods*, 2 (1):66–76, March 1981. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Johnson:1986:MAR**

[JS86] Charles R. Johnson and Helene M. Shapiro. Mathematical aspects of the relative gain array ($A \circ A^{-\mathsf{T}}$). *SIAM Journal on Algebraic and Discrete Methods*, 7(4):627–644, 1986. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Kantor:1982:STPb**

[Kan82a] W. M. Kantor. Spreads, translation planes and Kerdock sets. II. *SIAM Journal on Algebraic and Discrete Methods*, 3(3):308–318, 1982. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Kantor:1982:STPa**

[Kan82b] William M. Kantor. Spreads, translation planes and Kerdock sets. I. *SIAM Journal on Algebraic and Discrete Methods*, 3(2):151–165, 1982. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Klawe:1982:ITH**

[KCP82] M. M. Klawe, D. G. Corneil, and A. Proskurowski. Isomorphism testing in hookup classes. *SIAM Journal on Algebraic and Discrete Methods*, 3(2):260–274, 1982. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Kirschenhofer:1983:SOA**

[Kir83] Peter Kirschenhofer. Subblock occurrences in the $q$-ary representation of $n$. *SIAM Journal on Algebraic and Discrete Methods*, 4(2):231–236, 1983. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Kahn:1983:TGR**

[KKK83] J. Kahn, M. Klawe, and D. Kleitman. Traditional galleries require fewer watchmen. *SIAM Journal on Algebraic and Discrete Methods*, 4(2):194–206, 1983. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Kirkpatrick:1985:SGC**

[KKP85] David G. Kirkpatrick, Maria Klawe, and Nicholas Pippenger. Some graph-colouring theorems with applications to generalized connection networks. *SIAM Journal on Algebraic and Discrete Methods*, 6(4):576–582, 1985. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Kaltofen:1987:FPC**

[KKS87] Erich Kaltofen, M. S. Krishnamoorthy, and B. David Saunders. Fast parallel computation of Hermite and Smith forms of polynomial matrices. *SIAM Journal on Algebraic and Discrete Methods*, 8(4):683–690, 1987. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Korte:1984:GLO**

[KL84] Bernhard Korte and László Lovász. Greedoids and linear objective functions. *SIAM Journal on Algebraic and Discrete Methods*, 5(2):229–238, 1984. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Koury:1984:IMC**

[KMS84] J. R. Koury, D. F. McAllister, and W. J. Stewart. Iterative methods for comput-

ing stationary distributions of nearly completely decomposable Markov chains. *SIAM Journal on Algebraic and Discrete Methods*, 5(2):164–186, 1984. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Korner:1986:FKB**

[Kör86] János Körner. Fredman-Komlós bounds and information theory. *SIAM Journal on Algebraic and Discrete Methods*, 7(4):560–570, 1986. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Kincaid:1986:VCS**

[KOY86] David R. Kincaid, Thomas C. Oppe, and David M. Young. Vector computations for sparse linear systems. *SIAM Journal on Algebraic and Discrete Methods*, 7(1):99–112, 1986. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Krishna:1985:EBS**

[Kri85] Lala B. Krishna. Error bounds for the SSOR semi-iterative method. *SIAM Journal on Algebraic and Discrete Methods*, 6(2):245–250, 1985. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Kleitman:1981:SOR**

[KS81] D. J. Kleitman and Michael E. Saks. Set orderings requiring costliest alphabetic binary trees. *SIAM Journal on Algebraic and Discrete Methods*, 2(2):142–146, June 1981. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Kano:1985:RVP**

[KS85] Mikio Kano and Akio Sakamoto. Ranking the vertices of a paired comparison digraph. *SIAM Journal on Algebraic and Discrete Methods*, 6(1):79–92, January 1985. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Kilby:1987:CRPa**

[KS87a] Karen E. Kilby and N. J. A. Sloane. On the covering radius problem for codes. I. Bounds on normalized covering radius. *SIAM Journal on Algebraic and Discrete Methods*, 8(4):604–618, 1987. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Kilby:1987:CRPb**

[KS87b] Karen E. Kilby and N. J. A. Sloane. On the covering radius problem for codes. II. Codes of low dimension; normal and abnormal codes. *SIAM Journal on Algebraic and Discrete Methods*, 8(4):619–627, 1987. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Kundu:1980:RPG**

[KSSS80] Sukhamay Kundu, E. Sampathkumar, James Shearer, and Dean Sturtevant. Reconstruction of a pair of graphs from their concatenations. *SIAM Journal on Algebraic and Discrete Methods*, 1(2):228–231, June 1980.

CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Kelly:1981:ENV**

[KT81] D. G. Kelly and J. W. Tolle. Expected number of vertices of a random convex polyhedron. *SIAM Journal on Algebraic and Discrete Methods*, 2(4):441–451, December 1981. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Kerov:1986:CIS**

[KV86] Sergei V. Kerov and Anatol M. Vershik. The characters of the infinite symmetric group and probability properties of the Robinson-Schensted-Knuth algorithm. *SIAM Journal on Algebraic and Discrete Methods*, 7(1):116–124, 1986. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Kanetkar:1980:CMD**

[KW80a] Sharad V. Kanetkar and Meghanad D. Wagh. On construction of matrices with distinct submatrices. *SIAM Journal on Algebraic and Discrete Methods*, 1(1):107–113, 1980. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Kleitman:1980:ELS**

[KW80b] Daniel J. Kleitman and Kenneth J. Winston. Ensembles and largest sojourns of random walks. *SIAM Journal on Algebraic and Discrete Methods*, 1(1):15–20, 1980. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Lamond:1987:EFG**

[Lam87] Bernard F. Lamond. An efficient factorization for the group inverse. *SIAM Journal on Algebraic and Discrete Methods*, 8(4):797–808, 1987. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Langston:1984:PHC**

[Lan84] Michael A. Langston. Performance of heuristics for a computer resource allocation problem. *SIAM Journal on Algebraic and Discrete Methods*, 5 (2):154–161, June 1984. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Leibowitz:1982:ICG**

[LAP82] R. Leibowitz, S. F. Assmann, and G. W. Peck. The interval count of a graph. *SIAM Journal on Algebraic and Discrete Methods*, 3(4):485–494, 1982. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Latouche:1982:PTS**

[Lat82] Guy Latouche. A phase-type semi-Markov point process. *SIAM Journal on Algebraic and Discrete Methods*, 3(1):77–90, March 1982. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Liu:1984:OFS**

[LC84] C. J. Liu and Yutze Chow. On operator and formal sum methods for graph enumeration problems. *SIAM Journal on Algebraic and Discrete Methods*, 5(3):384–406, 1984. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Lengauer:1982:ULB**

[Len82] Thomas Lengauer. Upper and lower bounds on the complexity of the min-cut linear arrangement problem on trees. *SIAM Journal on Algebraic and Discrete Methods*, 3(1):99–113, March 1982. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Lewin:1980:TNJ**

[Lew80] Mordechai Lewin. Totally nonnegative, $M$-, and Jacobi matrices. *SIAM Journal on Algebraic and Discrete Methods*, 1(4):419–421, 1980. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Lih:1982:MFP**

[Lih82] Ko Wei Lih. Majorization of finite partially ordered sets. *SIAM Journal on Algebraic and Discrete Methods*, 3(4):495–503, 1982. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Linial:1986:HEP**

[Lin86] Nathan Linial. Hard enumeration problems in geometry and combinatorics. *SIAM Journal on Algebraic and Discrete Methods*, 7(2):331–335, 1986. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Lingas:1987:NHM**

[Lin87] Andrzej Lingas. A new heuristic for minimum weight triangulation. *SIAM Journal on Algebraic and Discrete Methods*, 8(4):646–658, 1987. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Liu:1987:AGT**

[Liu87] Joseph W. H. Liu. An application of generalized tree pebbling to sparse matrix factorization. *SIAM Journal on Algebraic and Discrete Methods*, 8(3):375–395, 1987. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Lewandowski:1987:STS**

[LL87] J. L. Lewandowski and C. L. Liu. SS/TDMA satellite communications with $k$-permutation switching modes. *SIAM Journal on Algebraic and Discrete Methods*, 8(4):519–534, 1987. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Leighton:1984:LSE**

[LLM84] Frank Thomson Leighton, Margaret Lepley, and Gary L. Miller. Layouts for the shuffle-exchange graph based on the complex plane diagram. *SIAM Journal on Algebraic and Discrete Methods*, 5(2):202–215, 1984. CO-

DEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Lucas:1982:FST**

[LM82] William F. Lucas and Kai Michaelis. Finite solution theory for coalitional games. *SIAM Journal on Algebraic and Discrete Methods*, 3(4):551–565, 1982. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Latouche:1980:EAS**

[LN80] Guy Latouche and Marcel F. Neuts. Efficient algorithmic solutions to exponential tandem queues with blocking. *SIAM Journal on Algebraic and Discrete Methods*, 1(1):93–106, 1980. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Laskar:1984:ACT**

[LPHH84] Renu Laskar, John Pfaff, S. M. Hedetniemi, and S. T. Hedetniemi. On the algorithmic complexity of total domination. *SIAM Journal on Algebraic and Discrete Methods*, 5(3):420–425, 1984. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Linial:1981:IMS**

[LR81] Nathan Linial and Bruce L. Rothschild. Incidence matrices of subsets—a rank formula. *SIAM Journal on Algebraic and Discrete Methods*, 2(3):333–340, September 1981. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Lancaster:1983:ME**

[LR83] P. Lancaster and P. Rózsa. On the matrix equation $AX + X^*A^* = C$. *SIAM Journal on Algebraic and Discrete Methods*, 4(4):432–436, 1983. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Letac:1980:RWC**

[LT80] Gérard Letac and Lajos Takács. Random walks on a 600-cell. *SIAM Journal on Algebraic and Discrete Methods*, 1(1):114–120, 1980. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Lovasz:1982:GRP**

[LY82] L. Lovász and Y. Yemini. On generic rigidity in the plane. *SIAM Journal on Algebraic and Discrete Methods*, 3(1):91–98, 1982. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Mack:1981:LPN**

[Mac81] Y. P. Mack. Local properties of $k$-NN regression estimates. *SIAM Journal on Algebraic and Discrete Methods*, 2(3):311–323, September 1981. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Mattheij:1984:SBD**

[Mat84] R. M. M. Mattheij. Stability of block $LU$-decompositions of matrices arising from BVP. *SIAM Journal on Algebraic and Discrete Methods*, 5(3):314–331, 1984. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Matthews:1987:MRR**

[Mat87] Peter Matthews. Mixing rates for a random walk on the cube. *SIAM Journal on Algebraic and Discrete Methods*, 8(4):746–752, 1987. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Mitchison:1986:ONA**

[MD86] Graeme Mitchison and Richard Durbin. Optimal numberings of an $N \times N$ array. *SIAM Journal on Algebraic and Discrete Methods*, 7(4):571–582, 1986. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Mehravari:1986:GBB**

[Meh86] Nader Mehravari. Generalized binary binomial group testing. *SIAM Journal on Algebraic and Discrete Methods*, 7(1):159–166, 1986. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Merris:1986:SIP**

[Mer86] Russell Merris. The second immanantal polynomial and the centroid of a graph. *SIAM Journal on Algebraic and Discrete Methods*, 7(3):484–503, 1986. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Meyer:1980:CFM**

[Mey80] Carl D. Meyer, Jr. The condition of a finite Markov chain and perturbation bounds for the limiting probabilities. *SIAM Journal on Algebraic and Discrete Methods*, 1(3):273–283, 1980. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Minamide:1985:EMI**

[Min85a] Nariyasu Minamide. An extension of the matrix inversion lemma. *SIAM Journal on Algebraic and Discrete Methods*, 6(3):371–377, 1985. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Minamide:1985:RBA**

[Min85b] Nariyasu Minamide. Recursive best approximate solution algorithms. *SIAM Journal on Algebraic and Discrete Methods*, 6 (3):378–383, July 1985. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Murota:1987:CCF**

[MIN87] Kazuo Murota, Masao Iri, and Masataka Nakamura. Combinatorial canonical form of layered mixed matrices and its application to block-triangularization of systems of linear/nonlinear equations. *SIAM Journal on Algebraic and Discrete Methods*, 8(1):123–149, 1987. CO-

DEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Meir:1980:APO**

[MMP80a] A. Meir, J. W. Moon, and J. R. Pounder. Acknowledgment of priority: "On the order of random channel networks". *SIAM Journal on Algebraic and Discrete Methods*, 1(4):462, 1980. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Meir:1980:ORC**

[MMP80b] A. Meir, J. W. Moon, and J. R. Pounder. On the order of random channel networks. *SIAM Journal on Algebraic and Discrete Methods*, 1(1):25–33, 1980. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Magnus:1980:EMS**

[MN80] Jan R. Magnus and H. Neudecker. The elimination matrix: some lemmas and applications. *SIAM Journal on Algebraic and Discrete Methods*, 1(4):422–449, 1980. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Moses:1984:ERG**

[MN84] Yoram Moses and Amos Noy. On the encoding of relations by graphs. *SIAM Journal on Algebraic and Discrete Methods*, 5(4):569–578, 1984. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Mollard:1986:GPF**

[Mol86] M. Mollard. A generalized parity function and its use in the construction of perfect codes. *SIAM Journal on Algebraic and Discrete Methods*, 7(1):113–115, 1986. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Monien:1986:BMP**

[Mon86] Burkhard Monien. The bandwidth minimization problem for caterpillars with hair length 3 is NP-complete. *SIAM Journal on Algebraic and Discrete Methods*, 7(4):505–512, 1986. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Moon:1983:LNA**

[Moo83] J. W. Moon. On level numbers of $t$-ary trees. *SIAM Journal on Algebraic and Discrete Methods*, 4(1):8–13, 1983. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Morrison:1986:WAR**

[Mor86] J. A. Morrison. Weighted averages of Radon transforms on $Z_2^k$. *SIAM Journal on Algebraic and Discrete Methods*, 7(3):404–413, 1986. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Mahmoud:1984:MPS**

[MP84a] Hosam Mahmoud and Boris Pittel. On the most probable shape of a search tree grown from a random permutation.

*SIAM Journal on Algebraic and Discrete Methods*, 5(1):69–81, March 1984. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Moody:1984:CEF**

[MP84b] R. V. Moody and J. Patera. Characters of elements of finite order in Lie groups. *SIAM Journal on Algebraic and Discrete Methods*, 5(3):359–383, 1984. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Makedon:1985:TB**

[MPS85] F. S. Makedon, C. H. Papadimitriou, and I. H. Sudborough. Topological bandwidth. *SIAM Journal on Algebraic and Discrete Methods*, 6(3):418–444, 1985. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Mallows:1981:WES**

[MS81] C. L. Mallows and N. J. A. Sloane. Weight enumerators of self-orthogonal codes over GF(3). *SIAM Journal on Algebraic and Discrete Methods*, 2(4):452–460, December 1981. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Mangasarian:1986:VCN**

[MS86] O. L. Mangasarian and T. H. Shiau. A variable-complexity norm maximization problem. *SIAM Journal on Algebraic and Discrete Methods*, 7(3):455–461, 1986. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Megiddo:1983:FLD**

[MT83] Nimrod Megiddo and Arie Tamir. Finding least-distances lines. *SIAM Journal on Algebraic and Discrete Methods*, 4 (2):207–211, June 1983. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**McKay:1981:CE**

[MW81] James H. McKay and Stuart Sui-Sheng Wang. The $v \times v$ $(0, 1, -1)$-circulant equation $AA^{\mathsf{T}} = vI - J$. *SIAM Journal on Algebraic and Discrete Methods*, 2(3):266–274, September 1981. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Merris:1983:TG**

[MW83] Russell Merris and William Watkins. Tensors and graphs. *SIAM Journal on Algebraic and Discrete Methods*, 4(4):534–547, 1983. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Maybee:1987:FTI**

[MW87] John S. Maybee and Gerry M. Wiener. $L$-functions and their inverses. *SIAM Journal on Algebraic and Discrete Methods*, 8(1):67–76, 1987. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Megiddo:1983:MCL**

[MZH83] Nimrod Megiddo, Eitan Zemel, and S. Louis Hakimi. The maximum coverage location problem. *SIAM Journal on Algebraic and Discrete Methods*, 4(2):253–261, June 1983. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Neumaier:1983:LST**

[Neu83] A. Neumaier. Lattices of simplex type. *SIAM Journal on Algebraic and Discrete Methods*, 4(2):145–160, 1983. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Neumann:1986:NDC**

[Neu86] Michael Neumann. Neighborhoods of dominant convergence for the SSOR method. *SIAM Journal on Algebraic and Discrete Methods*, 7(4):551–559, 1986. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Newsam:1983:ESJ**

[NR83] Garry N. Newsam and John D. Ramsdell. Estimation of sparse Jacobian matrices. *SIAM Journal on Algebraic and Discrete Methods*, 4(3):404–418, 1983. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Nain:1981:FRM**

[NS81] R. B. Nain and Kanwar Sen. Fluctuation results for Markov-dependent trials. *SIAM Journal on Algebraic and Discrete Methods*, 2(4):341–346, December 1981. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Orlin:1981:ACP**

[OBB81] James B. Orlin, Maurizio A. Bonuccelli, and Daniel P. Bovet. An $O(n^2)$ algorithm for coloring proper circular arc graphs. *SIAM Journal on Algebraic and Discrete Methods*, 2(2):88–93, June 1981. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Dokovic:1987:QCI**

[Đok87] Dragomir Ž. Đoković. Quadratic cones invariant under some linear operators. *SIAM Journal on Algebraic and Discrete Methods*, 8(2):186–191, 1987. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Opsut:1982:CCN**

[Ops82] Robert J. Opsut. On the computation of the competition number of a graph. *SIAM Journal on Algebraic and Discrete Methods*, 3(4):420–428, 1982. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**OLeary:1985:MMP**

[OW85] Dianne P. O'Leary and R. E. White. Multisplittings of matrices and parallel solution of linear systems. *SIAM Journal on Algebraic and Discrete Methods*, 6(4):630–640, 1985. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Owen:1986:VGR**

[Owe86] Guillermo Owen. Values of graph-restricted games. *SIAM Journal on Algebraic and Discrete Methods*, 7(2):210–220, 1986. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Peck:1981:HTS**

[Pec81] G. W. Peck. A Helly theorem for sets. *SIAM Journal on Algebraic and Discrete Methods*, 2(3):306–308, September 1981. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Perlstadt:1981:SSF**

[Per81] Marci Perlstadt. Sampling schemes for Fourier transform reconstruction. *SIAM Journal on Algebraic and Discrete Methods*, 2(2):176–191, June 1981. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Perlstadt:1983:COP**

[Per83] Marci Perlstadt. Chopped orthogonal polynomial expansions—some discrete cases. *SIAM Journal on Algebraic and Discrete Methods*, 4(1):94–100, 1983. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Perline:1987:DTB**

[Per87] Ronald Keith Perline. Discrete time-band limiting operators and commuting tridiagonal matrices. *SIAM Journal on Algebraic and Discrete Methods*, 8(2):192–195, 1987. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Phelps:1983:CCP**

[Phe83] K. T. Phelps. A combinatorial construction of perfect codes. *SIAM Journal on Algebraic and Discrete Methods*, 4(3):398–403, 1983. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Phelps:1984:GPC**

[Phe84] K. T. Phelps. A general product construction for error correcting codes. *SIAM Journal on Algebraic and Discrete Methods*, 5(2):224–228, June 1984. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Philippe:1987:AIN**

[Phi87] Bernard Philippe. An algorithm to improve nearly orthonormal sets of vectors on a vector processor. *SIAM Journal on Algebraic and Discrete Methods*, 8(3):396–403, 1987. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Pippenger:1980:NLB**

[Pip80] Nicholas Pippenger. A new lower bound for the number of switches in rearrangeable networks. *SIAM Journal on Algebraic and Discrete Methods*, 1 (2):164–167, June 1980. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Plemmons:1986:PBI**

[Ple86] Robert J. Plemmons. A parallel block iterative scheme applied to computations in structural analysis. *SIAM Journal on Algebraic and Discrete Methods*, 7(3):337–347, 1986. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Plumstead:1985:BCC**

[PP85] Barton R. Plumstead and Joan B. Plumstead. Bounds for cube coloring. *SIAM Journal on Algebraic and Discrete Methods*, 6(1):73–78, January 1985. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Peschon:1982:NME**

[PR82] J. Peschon and D. Ross. New methods for evaluating distribution automation and control (DAC) systems benefits. *SIAM Journal on Algebraic and Discrete Methods*, 3(4):439–452, December 1982. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Peskin:1985:MCM**

[PR85] Barbara R. Peskin and David R. Richman. A method to compute minimal polynomials. *SIAM Journal on Algebraic and Discrete Methods*, 6(2):292–299, 1985. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Proctor:1982:RPS**

[Pro82a] Robert A. Proctor. Representations of **sl**(2, **C**) on posets and the Sperner property. *SIAM Journal on Algebraic and Discrete Methods*, 3(2):275–280, 1982. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Prodinger:1982:GSD**

[Pro82b] Helmut Prodinger. Generalizing the sum of digits function. *SIAM Journal on Algebraic and Discrete Methods*, 3 (1):35–42, March 1982. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Provan:1983:DLS**

[Pro83] J. Scott Provan. Determinacy in linear systems and networks. *SIAM Journal on Algebraic and Discrete Methods*, 4(2):262–278, June 1983. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Proctor:1985:IDB**

[Pro85] P. E. Proctor. Implementation of a double-basis simplex method for the general linear programming problem. *SIAM Journal on Algebraic and Discrete Methods*, 6(4):567–575, 1985. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Provan:1987:SCC**

[Pro87] J. Scott Provan. Substitutes and complements in constrained linear models. *SIAM Journal on Algebraic and Discrete Methods*, 8(4):585–603, 1987. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Perl:1983:EOM**

[PS83] Yehoshua Perl and Yossi Shiloach. Efficient optimization of monotonic functions on trees. *SIAM Journal on Algebraic and Discrete Methods*, 4(4):512–516, 1983. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Proskurowski:1986:EVE**

[PS86] Andrzej Proskurowski and Maciej M. Sysło. Efficient vertex- and edge-coloring of outerplanar graphs. *SIAM Journal on Algebraic and Discrete Methods*, 7(1):131–136, 1986. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Pippenger:1982:RNL**

[PY82] Nicholas Pippenger and Andrew C.-C. C. Yao. Rearrangeable networks with limited depth. *SIAM Journal on Algebraic and Discrete Methods*, 3(4):411–417, December 1982. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Rabie:1985:SGN**

[Rab85] Mohamed A. Rabie. A simple game with no symmetric solution. *SIAM Journal on Algebraic and Discrete Methods*, 6 (1):29–31, January 1985. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Randic:1985:CEC**

[Ran85] Milan Randić. On the characteristic equations of the characteristic polynomial. *SIAM Journal on Algebraic and Discrete Methods*, 6(1):145–162, January 1985. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Redheffer:1985:VMIa**

[Red85a] Ray Redheffer. Volterra multipliers. I. *SIAM Journal on Algebraic and Discrete Methods*, 6(4):592–611, 1985. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Redheffer:1985:VMIb**

[Red85b] Ray Redheffer. Volterra multipliers. II. *SIAM Journal on Algebraic and Discrete Methods*, 6(4):612–623, 1985. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Redheffer:1986:EVM**

[Red86] Ray Redheffer. Erratum: "Volterra multipliers. II". *SIAM Journal on Algebraic and Discrete Methods*, 7(2):336, 1986. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Ross:1982:EPN**

[Ros82] Jeffrey A. Ross. On the exponent of a primitive, nearly reducible matrix. II. *SIAM Journal on Algebraic and Discrete Methods*, 3(3):395–410, 1982. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Rose:1984:CRS**

[Ros84] Donald J. Rose. Convergent regular splittings for singular $M$-matrices. *SIAM Journal on Algebraic and Discrete Methods*, 5(1):133–144, 1984. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Rothblum:1981:SGA**

[Rot81] Uriel G. Rothblum. Sensitive growth analysis of multiplicative systems. I. The dynamic approach. *SIAM Journal on Algebraic and Discrete Methods*, 2 (1):25–34, March 1981. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Rothblum:1984:ESO**

[Rot84] Uriel G. Rothblum. Explicit solutions to optimization problems on the intersections of the unit ball of the $l_1$ and $l_\infty$ norms with a hyperplane. *SIAM Journal on Algebraic and Discrete Methods*, 5(4):619–632, 1984. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Rabinowitz:1985:AAC**

[RP85] Joshua H. Rabinowitz and Viera Krňanová Proulx. An asymptotic approach to the channel assignment problem. *SIAM Journal on Algebraic and Discrete Methods*, 6(3):507–518, July 1985. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Rosenblatt:1982:SHS**

[RS82] Joseph Rosenblatt and Paul D. Seymour. The structure of homometric sets. *SIAM Journal on Algebraic and Discrete Methods*, 3(3):343–350, 1982. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Robertson:1985:DPS**

[RS85] Neil Robertson and P. D. Seymour. Disjoint paths—a survey. *SIAM Journal on Algebraic and Discrete Methods*, 6(2):300–305, 1985. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Rubinstein:1986:NRQ**

[Rub86] Zalman Rubinstein. On the number of real quadratic factors of polynomials. *SIAM Journal on Algebraic and Discrete Methods*, 7(1):53–59, 1986. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Ruskey:1980:ASB**

[Rus80] Frank Ruskey. On the average shape of binary trees. *SIAM Journal on Algebraic and Discrete Methods*, 1(1):43–50, 1980. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Redheffer:1983:MPC**

[RV83] Ray Redheffer and Alexander Voigt. Matrix products that can be evaluated in closed form. *SIAM Journal on Algebraic and Discrete Methods*, 4(2):223–230,

1983. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Redheffer:1982:CMC**

[RZ82] Ray Redheffer and Zhi Ming Zhou. A class of matrices connected with Volterra prey-predator equations. *SIAM Journal on Algebraic and Discrete Methods*, 3(1):122–134, 1982. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Saks:1980:DNI**

[Sak80] Michael Saks. Dilworth numbers, incidence maps and product partial orders. *SIAM Journal on Algebraic and Discrete Methods*, 1(2):211–215, June 1980. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Saks:1982:CPG**

[Sak82] Michael Saks. A class of perfect graphs associated with planar rectilinear regions. *SIAM Journal on Algebraic and Discrete Methods*, 3(3):330–342, 1982. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Sallee:1984:MCT**

[Sal84] John F. Sallee. The middle-cut triangulations of the $n$-cube. *SIAM Journal on Algebraic and Discrete Methods*, 5(3):407–419, 1984. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Sampson:1980:NCD**

[Sam80] Allan R. Sampson. Nonnegative Cholesky decomposition and its application to association of random variables. *SIAM Journal on Algebraic and Discrete Methods*, 1(3):284–291, 1980. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Saxe:1980:DPA**

[Sax80] James B. Saxe. Dynamic-programming algorithms for recognizing small-bandwidth graphs in polynomial time. *SIAM Journal on Algebraic and Discrete Methods*, 1(4):363–369, 1980. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Shinoda:1983:CTC**

[SCC83] Shoji Shinoda, Wai Kai Chen, and Shu Park Chan. The concept of two-chord tiesets and its application to an algebraic characterization of non-series-parallel graphs. *SIAM Journal on Algebraic and Discrete Methods*, 4(2):244–252, 1983. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Shao:1987:ESP**

[Sha87] Jia Yu Shao. The exponent set of primitive, nearly reducible matrices. *SIAM Journal on Algebraic and Discrete Methods*, 8(4):578–584, 1987. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Shepp:1980:FIS**

[She80] L. A. Shepp. The FKG inequality and some monotonicity properties of partial orders. *SIAM Journal on Algebraic and Discrete Methods*, 1(3):295–299, 1980. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Shearer:1981:CPC**

[She81] James B. Shearer. A counterexample to a bin packing conjecture. *SIAM Journal on Algebraic and Discrete Methods*, 2(3):309–310, September 1981. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Shearer:1982:CPG**

[She82] James B. Shearer. A class of perfect graphs. *SIAM Journal on Algebraic and Discrete Methods*, 3(3):281–284, 1982. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Shrager:1984:OSC**

[Shr84] Richard I. Shrager. Optical spectra from chemical titration: an analysis by SVD. *SIAM Journal on Algebraic and Discrete Methods*, 5(3):351–358, 1984. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Satyanarayana:1986:IGR**

[SK86] A. Satyanarayana and Zohel Khalil. On an invariant of graphs and the reliability polynomial. *SIAM Journal on Algebraic and Discrete Methods*, 7(3):399–403, 1986. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Seroussi:1983:SRF**

[SL83] G. Seroussi and A. Lempel. On symmetric representations of finite fields. *SIAM Journal on Algebraic and Discrete Methods*, 4(1):14–21, 1983. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Smith:1981:MWI**

[Smi81] Ronald L. Smith. $M$-matrices whose inverses are stochastic. *SIAM Journal on Algebraic and Discrete Methods*, 2(3):259–265, September 1981. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Sawami:1985:OOP**

[SN85] Hideo Sawami and Hiroshi Niki. Optimum overrelaxation parameter for the SOR method for solving the eigenvalue problem. *SIAM Journal on Algebraic and Discrete Methods*, 6(2):278–282, 1985. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Simoes-Pereira:1984:NOS**

[SP84] J. M. S. Simões-Pereira. A note on optimal and suboptimal digraph realizations of quasidistance matrices. *SIAM Journal on Algebraic and Discrete Methods*, 5(1):117–132, 1984. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Schmidt:1985:KGS**

[SS85] Günther Schmidt and Thomas Ströhlein. On kernels of graphs and solutions of games: a synopsis based on relations and fixpoints. *SIAM Journal on Algebraic and Discrete Methods*, 6 (1):54–65, January 1985. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Searle:1984:NHL**

[SSM84] Shayle R. Searle, William H. Swallow, and Charles E. McCulloch. Nontestable hypotheses in linear models. *SIAM Journal on Algebraic and Discrete Methods*, 5(4):486–496, 1984. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Soun:1980:SCR**

[ST80] Y. Soun and K. Truemper. Single commodity representation of multicommodity networks. *SIAM Journal on Algebraic and Discrete Methods*, 1(3):348–358, 1980. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Stanley:1980:WGH**

[Sta80a] Richard P. Stanley. Weyl groups, the hard Lefschetz Theorem, and the Sperner property. *SIAM Journal on Algebraic and Discrete Methods*, 1(2):168–184, June 1980. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Stanton:1980:SEK**

[Sta80b] Dennis Stanton. Some Erdős–Ko–Rado theorems for Chevalley groups. *SIAM Journal on Algebraic and Discrete Methods*, 1(2):160–163, June 1980. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Stahl:1985:HTI**

[Sta85] Saul Stahl. Homology as a tool in integer programming. *SIAM Journal on Algebraic and Discrete Methods*, 6(4):641–642, 1985. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Stensholt:1986:KCF**

[Ste86] Eivind Stensholt. Keldysh chains and factorizations of matrix polynomials. *SIAM Journal on Algebraic and Discrete Methods*, 7(3):462–469, 1986. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Sugihara:1983:SPD**

[Sug83] Kōkichi Sugihara. On some problems in the design of plane skeletal structures. *SIAM Journal on Algebraic and Discrete Methods*, 4(3):355–362, 1983. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Simion:1986:DPO**

[SW86] Rodica Simion and Herbert S. Wilf. The distribution of prefix overlap in consecutive dictionary entries. *SIAM Journal*

*on Algebraic and Discrete Methods*, 7(3):470–475, 1986. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Shier:1987:AMA**

[SW87] Douglas R. Shier and David E. Whited. Algebraic methods applied to network reliability problems. *SIAM Journal on Algebraic and Discrete Methods*, 8(2):251–262, 1987. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Shapiro:1983:RSM**

[SWG83] Louis W. Shapiro, Wen Jin Woan, and Seyoum Getu. Runs, slides and moments. *SIAM Journal on Algebraic and Discrete Methods*, 4(4):459–466, 1983. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Szpankowski:1987:SLR**

[Szp87] Wojciech Szpankowski. Solution of a linear recurrence equation arising in the analysis of some algorithms. *SIAM Journal on Algebraic and Discrete Methods*, 8(2):233–250, 1987. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Takacs:1981:RFR**

[Tak81] Lajos Takács. Random flights on regular polytopes. *SIAM Journal on Algebraic and Discrete Methods*, 2(2):153–171, June 1981. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Tamir:1983:CBM**

[Tam83] Arie Tamir. A class of balanced matrices arising from location problems. *SIAM Journal on Algebraic and Discrete Methods*, 4(3):363–370, September 1983. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Tannenbaum:1983:P**

[Tan83] Peter Tannenbaum. Partitions of $Z_2^n$. *SIAM Journal on Algebraic and Discrete Methods*, 4(1):22–29, 1983. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Tanner:1984:ECG**

[Tan84] R. Michael Tanner. Explicit concentrators from generalized $N$-gons. *SIAM Journal on Algebraic and Discrete Methods*, 5(3):287–293, 1984. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Tarjan:1985:ACC**

[Tar85] Robert Endre Tarjan. Amortized computational complexity. *SIAM Journal on Algebraic and Discrete Methods*, 6(2):306–318, 1985. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Taylor:1982:SCC**

[Tay82] R. Taylor. Switchings constrained to 2-connectivity in simple graphs. *SIAM Journal on Algebraic and Discrete Methods*, 3

(1):114–121, March 1982. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Tazawa:1985:DCM**

[Taz85] Shinsei Tazawa. Decomposition of a complete multipartite graph into isomorphic claws. *SIAM Journal on Algebraic and Discrete Methods*, 6(3):413–417, 1985. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Tchuente:1985:PFS**

[Tch85] Maurice Tchuente. Permutation factorization on star-connected networks of binary automata. *SIAM Journal on Algebraic and Discrete Methods*, 6(3):537–540, July 1985. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Tiersma:1985:SGS**

[Tie85] H. J. Tiersma. On subcodes of generalized second order Reed–Muller codes. *SIAM Journal on Algebraic and Discrete Methods*, 6(4):583–591, 1985. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Toczylowski:1984:HRI**

[Toc84] Eugeniusz Toczyłowski. A hierarchical representation of the inverse for sparse matrices. *SIAM Journal on Algebraic and Discrete Methods*, 5(1):43–56, 1984. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Todd:1984:COM**

[Tod84a] Michael J. Todd. Complementarity in oriented matroids. *SIAM Journal on Algebraic and Discrete Methods*, 5(4):467–485, 1984. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Todd:1984:NT**

[Tod84b] Michael J. Todd. $J'$: a new triangulation of $\mathbf{R}^n$. *SIAM Journal on Algebraic and Discrete Methods*, 5(2):244–254, 1984. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Togai:1986:ASV**

[Tog86] Masaki Togai. An application of the singular value decomposition to manipulability and sensitivity of industrial robots. *SIAM Journal on Algebraic and Discrete Methods*, 7(2):315–320, 1986. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Tovey:1985:HCM**

[Tov85] Craig A. Tovey. Hill climbing with multiple local optima. *SIAM Journal on Algebraic and Discrete Methods*, 6(3):384–393, July 1985. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Trench:1985:EIF**

[Tre85] William F. Trench. Explicit inversion formulas for Toeplitz band matrices. *SIAM Journal*

*on Algebraic and Discrete Methods*, 6(4):546–554, 1985. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Trench:1986:EPC**

[Tre86] William F. Trench. On the eigenvalue problem for a class of band matrices including those with Toeplitz inverses. *SIAM Journal on Algebraic and Discrete Methods*, 7(2):167–179, 1986. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Tran:1985:DRM**

[TS85] Minh Thanh Tran and Mahmoud E. Sawan. On the discrete Riccati matrix equation. *SIAM Journal on Algebraic and Discrete Methods*, 6 (1):107–108, January 1985. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Tanny:1983:STC**

[TZ83] Stephen M. Tanny and Michael Zuker. Signs of terms in a combinatorial recursion. *SIAM Journal on Algebraic and Discrete Methods*, 4(4):437–441, 1983. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Uhlig:1985:FVC**

[Uhl85] Frank Uhlig. The field of values of a complex matrix, an explicit description in the $2 \times 2$ case. *SIAM Journal on Algebraic and Discrete Methods*, 6(4):541–545, 1985. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Ursic:1983:ESS**

[UP83] Silvio Ursic and Cyro Patarra. Exact solution of systems of linear equations with iterative methods. *SIAM Journal on Algebraic and Discrete Methods*, 4(1):111–115, 1983. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Varga:1982:FMC**

[VC82] R. S. Varga and D. Y. Cai. On the *LU* factorization of *M*-matrices: cardinality of the set $\mathcal{P}_n^g(A)$. *SIAM Journal on Algebraic and Discrete Methods*, 3(2):250–259, 1982. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Vichniac:1984:IDA**

[Vic84] Gérard Y. Vichniac. Instability in discrete algorithms and exact reversibility. *SIAM Journal on Algebraic and Discrete Methods*, 5(4):596–602, 1984. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Victory:1985:NSM**

[Vic85] H. D. Victory, Jr. On nonnegative solutions of matrix equations. *SIAM Journal on Algebraic and Discrete Methods*, 6(3):406–412, 1985. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Vo:1981:SCL**

[Vo81] Kiem Phong Vo. The Schensted correspondence and lexicographic matchings on multisubset lattices. *SIAM Journal on Algebraic and Discrete Methods*, 2(3):324–332, September 1981. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**vonKaenel:1981:SCC**

[von81] Pierre A. von Kaenel. Some constructions for convolutional and block codes. *SIAM Journal on Algebraic and Discrete Methods*, 2(2):121–126, June 1981. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Walsh:1983:GNM**

[Wal83] T. R. Walsh. Generating nonisomorphic maps without storing them. *SIAM Journal on Algebraic and Discrete Methods*, 4(2):161–178, 1983. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Walter:1985:CSC**

[Wal85] Gilbert G. Walter. Complexity and stability in compartmental models. *SIAM Journal on Algebraic and Discrete Methods*, 6 (1):39–46, January 1985. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Walter:1986:AM**

[Wal86] Colin D. Walter. Adjacency matrices. *SIAM Journal on Algebraic and Discrete Methods*, 7(1):18–29, 1986. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Wang:1983:PG**

[Wan83] Kai Wang. On the polynomials of graphs. *SIAM Journal on Algebraic and Discrete Methods*, 4(4):522–528, 1983. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Wang:1984:SSG**

[Wan84] Kai Wang. Spectra of some graphs. *SIAM Journal on Algebraic and Discrete Methods*, 5(1):57–60, 1984. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Waterhouse:1987:SMC**

[Wat87] William C. Waterhouse. The structure of monomial circulant matrices. *SIAM Journal on Algebraic and Discrete Methods*, 8(3):467–482, 1987. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Wei:1986:BLP**

[WCLO86] W. D. Wei, Y. Z. Cai, C. L. Liu, and A. M. Odlyzko. Balloting labelling and personnel assignment. *SIAM Journal on Algebraic and Discrete Methods*, 7(1):150–158, 1986. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Wendel:1987:GMF**

[Wen87] H. Wendel. The general minimum fill-in problem. *SIAM*

*Journal on Algebraic and Discrete Methods*, 8(4):710–745, 1987. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**West:1982:GDT**

[Wes82] Douglas B. West. Gossiping without duplicate transmissions. *SIAM Journal on Algebraic and Discrete Methods*, 3(4):418–419, December 1982. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**White:1986:PAN**

[Whi86] R. E. White. Parallel algorithms for nonlinear problems. *SIAM Journal on Algebraic and Discrete Methods*, 7(1):137–149, 1986. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Wilf:1986:NMI**

[Wil86] Herbert S. Wilf. The number of maximal independent sets in a tree. *SIAM Journal on Algebraic and Discrete Methods*, 7(1):125–130, 1986. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Wimmer:1982:ARE**

[Wim82] H. K. Wimmer. The algebraic Riccati equation without complete controllability. *SIAM Journal on Algebraic and Discrete Methods*, 3(1):1–12, March 1982. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Wimmer:1984:DBI**

[Wim84] Harald K. Wimmer. On the dimension of bi-infinite systems. *SIAM Journal on Algebraic and Discrete Methods*, 5(1):9–10, March 1984. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Winkler:1983:CAP**

[Win83] P. M. Winkler. Correlation among partial orders. *SIAM Journal on Algebraic and Discrete Methods*, 4(1):1–7, March 1983. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Wong:1980:WCA**

[Won80] Richard T. Wong. Worst-case analysis of network design problem heuristics. *SIAM Journal on Algebraic and Discrete Methods*, 1(1):51–63, 1980. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Wisniewski:1982:PAN**

[WS82] John A. Wisniewski and Ahmed H. Sameh. Parallel algorithms for network routing problems and recurrences. *SIAM Journal on Algebraic and Discrete Methods*, 3(3):379–394, 1982. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**West:1981:SUC**

[WT81] Douglas B. West and Craig A. Tovey. Semiantichains and unichain coverings in direct products of partial orders. *SIAM*

*Journal on Algebraic and Discrete Methods*, 2(3):295–305, September 1981. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**White:1983:AGS**

[WW83] Neil L. White and Walter Whiteley. The algebraic geometry of stresses in frameworks. *SIAM Journal on Algebraic and Discrete Methods*, 4(4):481–511, 1983. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**White:1987:AGM**

[WW87] Neil White and Walter Whiteley. The algebraic geometry of motions of bar-and-body frameworks. *SIAM Journal on Algebraic and Discrete Methods*, 8(1):1–32, 1987. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Yannakakis:1981:CMF**

[Yan81] Mihalis Yannakakis. Computing the minimum fill-in is NP-complete. *SIAM Journal on Algebraic and Discrete Methods*, 2 (1):77–79, March 1981. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Yannakakis:1982:CPO**

[Yan82] Mihalis Yannakakis. The complexity of the partial order dimension problem. *SIAM Journal on Algebraic and Discrete Methods*, 3(3):351–358, 1982. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Yao:1982:SDP**

[Yao82] F. Frances Yao. Speed-up in dynamic programming. *SIAM Journal on Algebraic and Discrete Methods*, 3(4):532–540, December 1982. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Zemanian:1981:ESP**

[Zem81] A. H. Zemanian. Equilibrium and stability in a periodic marketing ring. *SIAM Journal on Algebraic and Discrete Methods*, 2(3):275–288, September 1981. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).

**Zemel:1985:PAG**

[Zem85] Eitan Zemel. Probabilistic analysis of geometric location problems. *SIAM Journal on Algebraic and Discrete Methods*, 6(2):189–200, 1985. CODEN SJAMDU. ISSN 0196-5212 (print), 2168-345X (electronic).