

List C: Recent and forthcoming publications

This list contains combinatorial books and papers that have been published, accepted or submitted for publication since the last issue of the *Bulletin*—i.e., during (approximately) the calendar year 2002. This should not be taken as a complete record of all such publications during the period, and absence of listed papers for any individual should not be taken to imply absence of research activities.

Abel, R.J.R., Greig, M. and Rees, D.H.

Existence of OBIBDs with $k=4$ with and without nesting, *Discrete Mathematics*, to appear.

Alkenani, A.N and Mavron, V.C

Maximal arc partitions of designs. Submitted.

Allen, S.M., Smith, D.H. and Hurley, S.,

Generation of lower bounds for minimum span frequency assignment, *Discrete Applied Mathematics*, Vol. 119, Nos. 1-2, (2002), pp 59-78.

Allen, S.M.,

[see also: Montemanni]

Anderson, I.

Combinatorics of finite sets, reprint edition, Dover paperbacks (2002)

Anderson, I. and Preece, D. A.

Locally balanced change-over designs, *Utilitas Math.* 62 (2002), 33-59.

Anderson, I. and Preece, D. A.

Power sequence terraces for Z_n where n is an odd prime power, *Discrete Math.* 261 (2003),31-58

Anderson, I. and Preece, D. A.

Narcissistic half-and-half power-sequence terraces for Z_n with $n=pq^t$, *Discrete Math.*, to appear.

Anthony, M.

The Sample Complexity and Computational Complexity of Boolean Function Learning. *CDAM Research Report 2002-13.*

Anthony, M.

Analysis of Data with Threshold Decision Lists. *CDAM Research Report 2002-12.*

Anthony, M.

Decision Lists and Threshold Decision Lists. *CDAM Research Report 2002-11.*

Anthony, M.

Partitioning Points by Parallel Planes. *CDAM Research Report 2002-10.*

Anthony, M.

Uniform Glivenko-Cantelli Theorems and Concentration of Measure in the Mathematical Modelling of Learning. *CDAM Research Report 2002-07*.

Anthony, M.

Mathematical Modelling of Generalization. In M. Marinaro, R. Tagliaferri (eds.), *Neural Nets: 13th Italian Workshop on Neural Nets, WIRN VIETRI 2002 Vietri sul Mare, Italy, May 30 – June 1, 2002*. Springer LNCS 2486.

Anthony, M. and Biggs, N.L.

Pac learning and artificial neural networks. In *The Handbook of Brain Theory and Neural Networks, Second edition*, (ed. Michael A. Arbib), Bradford Books/MIT Press.

Atkinson, M. D., Murphy, M. M. and Ruskuc, N.

Sorting with two ordered stacks in series, *Theoretical Computer Science*, to appear.

Atkinson, M. D., Murphy, M. M. and Ruskuc, N.

Partially well ordered closed sets of permutations, *Order*, 19, 2002, 101-113..

Babbage, S.

Cryptanalysis of LILI-128 (2nd NESSIE workshop, London, September 2001)

Babbage, S.

Cryptanalysis of the COS (2, 128) Stream Ciphers (ePrint archive 2001/106)

Babbage, S.

Security Algorithms for Mobile Telephony (invited presentation at Selected Areas in Cryptology 2002)

Babbage, S. & Lano, J.

Probabilistic Factors in the SOBER-t Stream Ciphers (3rd NESSIE workshop, Munich, November 2002)

Bailey, R.A., Ollis, M.A. and Preece, D.A.

Round-dance neighbour designs from terraces, *Discrete Mathematics*, to appear.

Bell, F.K.

Line graphs of bipartite graphs with Hamiltonian paths. *Journal of Graph Theory*, to appear.

Bell, F.K. and Rowlinson, P.

On the multiplicities of graph eigenvalues. *Bulletin of the London Mathematical Society*, to appear.

Bennett, G.K., Grannell, M.J. and Griggs, T.S.

Cyclic bi-embeddings of Steiner triple systems on $12s+7$ points, *Journal of Combinatorial Designs*, 10, 2002, 92-110.

Bennett, G.K., Grannell, M.J. and Griggs, T.S.

On the bi-embeddability of certain Steiner triple systems of order 15, *European Journal of Combinatorics*, 23, 2002, 499-505.

Bennett, G.K., Grannell, M.J. and Griggs, T.S.

Exponential lower bounds for the numbers of Skolem-type sequences, to appear in *Ars Combinatoria*.

Biggs, N.L.

Chromatic polynomials for twisted bracelets. *Bulletin of the London Mathematical Society*, 34 (2002) 129-139.

Biggs, N.L.

Chromatic polynomials and representations of the symmetric group. *Linear Algebra and its Applications*, 356 (2002) 3-26.

Biggs, N.L.

Equimodular curves. *Discrete Mathematics*, 259 (2002) 27-57.

Biggs, N.L.

(Book) '*Discrete Mathematics- Second Edition*' Oxford University Press, 2002.

Biggs, N.L.

[see also: Anthony]

Borodin, O. V. and Woodall, D. R.

Cyclic colourings of 3-polytopes with large maximum face size, *SIA M J. Discrete Mathematics*, 15 (2002), 143-154.

Brightwell, G. and Winkler, P.

Random colorings of a Cayley tree, in *Contemporary Combinatorics*, B. Bollobás ed., Bolyai Society Mathematical Studies 10, Springer (2002) 247-276.

Brightwell, G. and Winkler, P.

Hard constraints and the Bethe lattice: adventures at the interface of combinatorics and statistical physics, in the *Proceedings of the 2002 International Congress of Mathematicians*.

Brightwell, G. and Trotter, W.T

A combinatorial approach to correlation inequalities, *Discrete Math.* 257(2002) 311-327.

Bryant, D.E., Grannell, M.J., Griggs, T.S. and Maenhaut, B.M.

On the volume of 4-cycle trades, to appear in *Graphs and Combinatorics*.

Bryant, D.E., Grannell, M.J. and Griggs, T.S.

Configurations in 4-cycle systems, submitted.

Bryant, D.E., Grannell, M.J. and Griggs, T.S.

Large sets of large sets of Steiner triple systems of order 9, submitted.

Bryant, D.E., Maenhaut, B.M., Quinn, K.A.S. and Webb, B.S.

Existence and embeddings of partial Steiner triple systems of order ten with cubic leaves, submitted.

Calkin, N., Merino, C., Noble, S.D. and Noy, M.

Improved bounds for the number of forests and acyclic orientations in the square lattice. *Electronic Journal of Combinatorics* 10 (2003), R4.

Cameron, P.J. and Preece, D.A.

Notes on primitive lambda-roots,

<http://www.maths.qmul.ac.uk/~pic/csgnotes/lamda.pdf>

Campbell, C. M., Havas, G., Hulpke A. and Robertson E. F.

The simple group $L_3(5)$ is efficient, *Comm. Alg.* 30 (2002), 971-975.

Campbell, C. M., Mitchell J. D. and Ruskuc, N.

Comparing semigroup and monoid presentations for finite monoids, *Monatshefte fr Mathematik* 134 (2002), 287-293.

Campbell, C. M., Robertson, E. F., Ruskuc, N. and Thomas, R. M.

Automatic completely-simple semigroups, *Acta Math. Hungar.* 96 (2002), 201-215.

Campbell, C. M., Mitchell, J. D. and Ruskuc, N.

On defining groups efficiently without using inverses, *Math. Proc. Cambridge Philos. Soc.* 133 (2002), 31-36.

Campbell, C. M., Havas, G., Hulpke, A. and Robertson, E. F.

Efficient simple groups, *Comm. Algebra* 30 (2002), 4613-4619.

Campbell, C. M., Campbell, P. P., Doostie, H. and Robertson, E. F.

The Fibonacci length for certain metacyclic groups, *Algebra Colloquium*, to appear.

Campbell, C. M., Campbell, P. P., Doostie, H. and Robertson, E. F.

On the Fibonacci length of powers of dihedral groups, to appear.

Campbell, C. M., Campbell, P. P., Hopson, B. T. K. and Robertson, E. F.

On the efficiency of direct powers of $PGL(2,p)$, *Recent Advances in Group Theory*, to appear.

Cariolaro, D. and Hilton, A.J.W.

Class 1 graphs associated with regular graphs of high degree, *Congressus Numerantium*, to appear.

Cropper, M.M. and Hilton, A.J.W.

The Hall parameters of complete and complete bipartite graphs, *J. Graph Theory*, 41 (2002), 208-237.

Cryan, M., Dyer, M., Goldberg, L. A., Jerrum, M. and Martin, R.,

A rapidly mixing heat-bath chain for contingency tables when the number of rows is constant, Proceedings of the 43rd IEEE Symposium on Foundations of Computer Science (FOCS'02), IEEE Computer Society Press, 2002, 711-720.

Cvetkovic, D., Lepovic, M., Rowlinson P. and Simic, S.

The maximal exceptional graphs. *J. Combin. Theory Series B* 86 (2002), 347-363.

Cvetkovic, D., Fowler, P., Rowlinson, P. and Stevanovic, D.

Constructing fullerene graphs from eigenvalues and angles. *Linear Algebra and its Applications*, 356 (2002), 37-56.

Cvetkovic, D., Rowlinson, P. and Simic, S.

Graphs with least eigenvalue -2 ; a new proof of the forbidden subgraphs theorem, submitted

Dénes, J. and Keedwell, A. D.

Some applications of non-associative algebraic systems in cryptography. *Pure Mathematics and Applications*. 12 (2001) 147-195.

Descalo, L. and Ruskuc, N.

On automatic Rees matrix semigroups. *Comm. Algebra* 30 (2002), 1207-1226.

Descalco, L. and Ruskuc, N.

Subsemigroups of the bicyclic monoid, to appear.

Dugdale, J.K. and Hilton, A.J.W.

The structure of totally critical graphs of odd order, *Discrete Math*, to appear.

Dyer, M., Frieze, A. and Jerrum, M.

On counting independent sets in sparse graphs, *SIAM Journal on Computing* 31 (2002), 1527-1541.

Dyer, M., Goldberg, L. A., Greenhill, C., Istrate, G. and Jerrum, M.

Convergence of the Iterated Prisoner's Dilemma game, *Combinatorics, Probability and Computing* 11(2002), 135-147.

Dyer, M., Goldberg, L. A. and Jerrum, M.

Counting and sampling H-colourings, Proceedings of the 6th International Workshop on Randomization and Approximation Techniques (RANDOM 2002), Springer Lecture Notes in Computer Science 2483 (2002) 51-67.

Dyer, M., Jerrum, M. and Vigoda, E.,

Rapidly mixing Markov chains for dismantlable constraint graphs, Proceedings of the 6th International Workshop on Randomization and Approximation Techniques (RANDOM 2002), Springer Lecture Notes in Computer Science 2483 (2002) 68-77.

Dyer, M.,

[see also: Cryan]

Ferencak, M.N. and Hilton, A.J.W.

Outline and nearly outline triple systems of even index, *Proc. London Math. Soc.* (3) 84 (2002), 1-34.

Forbes, A.D.

Uniquely 3-colourable Steiner triple systems, *Journal of Combinatorial Theory, Series A*, 101, 2003, 49-68.

Forbes, A.D., Grannell, M.J. and Griggs, T.S.

On colourings of Steiner triple systems, to appear in *Discrete Mathematics*.

Forbes, A.D., Grannell, M.J. and Griggs, T.S.

Configurations and trades in Steiner triple systems, submitted.

Forbes, A.D., Grannell, M.J. and Griggs, T.S.

Independent sets in Steiner triple systems, submitted.

Forbes, A.D., Grannell, M.J. and Griggs, T.S.

On independent sets, submitted.

Foster, W.H. and Krasikov, I.

Inequalities for real-root polynomials and entire functions, *Advances in Applied Mathematics*, 29 (2002), 102-114.

Fountoulakis, N.,

[see also: McDiarmid]

Franek, F., Grannell, M.J., Griggs, T.S. and Rosa, A.

On large sets of $v-1$ L-intersecting Steiner triple systems of order v , *Designs, Codes and Cryptography*, 26, 2002, 243-256.

Franek, F., Griggs, T.S., Lindner, C.C. and Rosa, A.

Completing the spectrum of 2-chromatic $S(2, 4, v)$, *Discrete Mathematics*, 247, 2002, 225-228.

Goldberg, L. A. and Jerrum, M.

The "Burnside process" converges slowly, *Combinatorics, Probability and Computing* 11 (2002), 21-34.

Goldberg, L. A.
[see also: Cryan, Dyer]

Gordan, N. A.
[see also: Shaw]

Grannell, M.J. and Griggs, T.S.
The Pasch configuration, The Kluwer Encyclopaedia of Mathematics, Supplement III, 2002, 299-300.

Grannell, M.J., Griggs, T.S. and Siran, J.
Recursive constructions for triangulations, *Journal of Graph Theory*, 39, 2002, 87-107.

Grannell, M.J., Griggs, T.S. and Knor, M.
Face two-colourable triangulations of K_{13} , to appear in the *Journal of Combinatorial Mathematics and Combinatorial Computing*.

Grannell, M.J., Griggs, T.S., Korzhik, V.P. and Siran, J.
On the minimal non-zero distance between triangular embeddings of a complete graph, to appear in *Discrete Mathematics*.

Grannell, M.J., Griggs, T.S. and Siran, J.
Maximum genus embeddings of Steiner triple systems, submitted.

Grannell, M.J., Griggs, T.S., Knor, M. and Skoviera, M.
A Steiner triple system which colours all cubic graphs, submitted.

Grannell, M.J. and Korzhik, V.P.
Nonorientable biembeddings of Steiner triple systems, submitted.

Grannell, M.J.
[see also: Bennett, Bryant, Forbes, Franek]

Green, R.M.
On 321-avoiding permutations in affine Weyl groups. *Journal of Algebraic Combinatorics* 15 (2002), 241--252.

Green, R.M. and Losonczy, J.
Freely braided elements in Coxeter groups. *Annals of Combinatorics*, to appear.

Greig, M. and Rees, D.H.
Existence of balanced incomplete block designs for many sets of treatments, *Discrete Mathematics* 261 (2003), 299-324.

Griggs, T.S. and Rosa, A.
Sets of Steiner triple systems of order 9 revisited, To appear in a Kluwer special volume on Computational Design Theory.

Griggs, T.S.

[see also: Bennett, Bryant, Forbes, Franek, Grannell]

Halldorsson, M. Irving, R. W., Iwama, K., Manlove, D. M., Miyazaki, S., Morita, Y. and Scott, S.

Approximability results for stable marriage problems with ties, submitted.

Havas, G. and Robertson, E. F.

Irreducible cyclic presentations of the trivial group, *Experimental Mathematics*, to appear.

Henderson, M.J. and Hilton, A.J.W.

Completing the edge-colouring of a complete graph (submitted).

van den Heuvel, J., Bondy, J.A., Broersma, H.J. and Veldman, H.J.

Heavy cycles in weighted graphs, *Discussiones Mathematicae. Graph Theory*, vol. 22 (2002) pp. 7-16.

van den Heuvel, J. and McDiarmid, C.

Channel Assignment on Infinite Sets under Frequency-Distance Constraints, In: R. Leese and S. Hurley, eds., *'Methods and Algorithms for Radio Channel Assignment'*. Oxford University Press (2002) pp. 63-87.

van den Heuvel, J., Borodin, O.V., Broersma, H.J. and Glebov, A.

Stars and bunches in planar graphs. Part I: Triangulations. *CDAM Research Report 2002-04*.

van den Heuvel, J., Borodin, O.V., Broersma, H.J. and Glebov, A.

Stars and bunches in planar graphs. Part II: General planar graphs and colourings. *CDAM Research Report 2002-05*.

van den Heuvel, J. and Stougie, L.

A quadratic bound on the diameter of the transportation polytope. *CDAM Research Report 2002-09*.

Hill, R. and Love, C.P.

On the $(22,4)$ -arcs in $PG(2,7)$ and related codes, *Discrete Math.*, to appear.

Hill, R.

[see also: Landjev]

Hilton, A.J.W., Liu, J. and Zhao, C.

The total chromatic numbers of joins of sparse graphs, *Australasian J. Combinatorics*, to appear.

Hilton, A.J.W. and Hind, H.R.

Non-conformable subgraphs of non-conformable graphs, *Discrete Math.*, 256 (2002), 203-224.

Hilton, A.J.W., Mays, M., Nash-Williams, C.St.J.A. and Rodger, C.A.
Hamiltonian double latin squares, *J. Combinatorial Theory (B)*, to appear.

Hilton, A.J.W., Johnson, M., Rodger, C.A. and Wantland, E.B.
Amalgamations of connected k -factorizations, *J. Combinatorial Theory (B)*, to appear.

Hilton, A.J.W. and Johnson, M.
An algorithm for finding ℓ -edge-connected k -factorizations of complete graphs, *J. Graph Theory*, to appear.

Hilton, A.J.W. and Johnson, M.
Amalgamations of factorizations of complete equipartite graphs (submitted).

Hilton, A.J.W.
[see also: Cariolaro, Cropper, Dugdale, Ferencak, Henderson]

Hoffmann, M., Thomas, R. M. and Ruskuc, N.
Automatic semigroups with subsemigroups of finite Rees index, *Internat. J. Algebra Comput.* 12 (2002), 463-476.

Hoggar, S. G.
[see also: Ireland]

Holmes, P. E., Linton, S. A. and Murray, S. H.
Product replacement in the monster, to appear.

Holroyd, F.C. and Skoviera, M.
Colouring of cubic graphs by Steiner triple systems, submitted.

Hunt, E., Atkinson, M. P. and Irving, R. W.
Database indexing for large DNA and protein sequence collections, *VLDB Journal* 11 (2002), 256-271

Hurley, S.
[see also: Allen]

Ireland, J. M., Keating, D., Hoggar, S. G. and Park, S.
Identification of appropriate primitive polynomials to avoid cross contamination in multifocal electroretinograms, *Med.Biol.Eng.Comp.*40 (2002), 471-8

Irving, R. W. and Manlove, D. F.
The stable roommates problem with ties, *J. Algorithms* 43 (2002),85-105

Irving, R. W. and Love, L.
The suffix binary search tree and suffix AVL tree, *J. Discrete Algorithms*, to appear.

Irving, R. W., Manlove, D. F. and Scott, S.
Strong stability in the hospitals/residents problem, Proc. STACS03, to appear.

Irving, R. W. and Scott, S.

An algorithm for the stable fixtures problem, submitted.

Irving, R. W.,

[see also: Halldorsson, Hunt, Manlove]

Ivrissimtzis, I. and Singerman, D.

Regular maps and principal congruence subgroups of Hecke Groups,
Submitted.

Jackson, P. S.,

[see also: Rowlinson]

Jerrum M., and Son, J-B.,

Spectral gap and log-Sobolev constant for balanced matroids, Proceedings of the 43rd IEEE Symposium on Foundations of Computer Science (FOCS'02), IEEE Computer Society Press, 2002, 721-729.

Jerrum M.,

[see also: Cryan, Dyer, Goldberg]

Johnson, M.,

[see also: Hilton]

Keedwell, A. D.

Critical sets in latin squares and related matters: an update. *Utilitas Math*, to appear.

Keedwell, A. D.

[see also: Dénes]

Keedwell, A. D. and Mullen, G.

On sets of partially orthogonal latin squares and “near” projective planes.
Submitted.

Keedwell, A. D. and Shcherbacv V. A.

On m -inverse loops and quasigroups with long inverse cycle. *Australas. J. Combin.* 26 (2002), 99-119.

Keedwell, A. D. and Shcherbacv V. A.

Construction and properties of (r, s, t) -inverse quasigroups I. *Discrete Mathematics*. To appear.

Koller, A.E. and Noble, S.D.

The domination number of greedy heuristics for the frequency assignment problem, submitted.

Kostochka, A. V. and Woodall, D. R.

Total choosability of multicircuits I, *J. Graph Theory*, 40 (2002), 26-43.

Kostochka, A. V. and Woodall, D. R.

Total choosability of multicircuits II, *J. Graph Theory*, 40 (2002), 44-67.

Kostochka, A. V. and Woodall, D. R.,

Irreducible hypergraphs for Hall-type conditions, and arc-minimal digraph expanders, submitted.

Krasikov, I.

Discrete analogues of the Laguerre inequality, *Analysis and Applications*, to appear.

Krasikov, I. and Lagarias, J.C.

Bounds for the $3x+1$ problem using difference inequalities, *Acta Arithmetica*, to appear.

Krasikov, I., Lev, A. and Thatte, B.D.

Upper bounds on the automorphism group of graphs, *Discrete Mathematics* 256 (2002), 489-493.

Krasikov, I.,

[see also: Foster]

Landjev, I., Rousseva, A., Maruta, T. and Hill, R.

On optimal codes over the field with five elements, submitted

Leese, R. A. and Noble, S. D.

Labelling cycles with a condition at distance two, submitted.

Linton, S. A., Pfeiffer, G, Robertson, E. F. and Ruskuc, N.

Computing transformation semigroups, *J. Symbolic Comput.* 33 (2002), 145-162.

Linton, S. A. and Sebastiani, R. (Eds)

Journal of Symbolic Computation, Special Issue on the Integration of Automated Reasoning and Computer Algebra Systems (4) 34 (October 2002).

Linton, S. A.

[see also: Holmes]

Lloyd, E. K. and Dolhaine, H.

Educational note: enumerating thermal cycles, *Match*, No 46 (2002) 137-150.

Lloyd, E. K.

Redfield's contributions to enumeration, *Match* No 46 (2002) 215-233.

Love, C. P.

[see also: Hill]

Lovegrove, G.J.

The automorphism groups of Steiner triple systems obtained from the Bose construction, To appear in the *Journal of Algebraic Combinatorics*.

Luczak, M.J. and Noble, S.D.

Optimal arrangement of data in a tree directory. *Discrete Applied Mathematics* 121(2002), 307-315.

Luczak, M.J.

[see also: McDiarmid]

Manlove, D. F.

The structure of stable marriage with indifference, *Discrete Applied Math.* 122 (2002) 167-181.

Manlove, D. F. and Middendorf, M.,

Combined super/substring and super/subsequence problems, *Theor. Computer Science*, to appear.

Manlove, D. F., Irving, R. W., Iwama, K., Miyazaki, S. and Morita, Y.,

Hard variants of stable marriage, *Theor. Comp. Science* 276 (2002), 261-279.

Manlove, D. F.

[see also: Halldorsson, Irving]

Martin, R.

[see also: Cryan]

Mavron, V. C.

[see also: Alkenani]

McDiarmid, C.

Concentration for independent permutations, *Combinatorics, Probability and Computing*, 11 (2002) 163 - 178.

McDiarmid, C.

Random channel assignment in the plane. *Random Structures and Algorithms*, 22 (2003) 187 - 212

McDiarmid, C.

On-line routing of random calls in networks, *Probability Theory and Related Fields*, to appear.

McDiarmid, C.

On the number of edges in random planar graphs, *Combinatorics, Probability and Computing*, to appear.

McDiarmid, C.

Channel assignment and discrete mathematics, to appear in Recent Advances in Algorithmic Combinatorics, Linhares-Sales and B. Reed, editors, Springer, 2003.

McDiarmid, C.

On the span in channel assignment problems: bounds, computing and counting. *Discrete Mathematics*, to appear. Proceedings of BCC 2001, July 2001.

McDiarmid, C., Devroye, L., and Reed, R.

Giant components for two expanding graph processes. Proceedings of the Colloquium on Mathematics and Computer Science: Algorithms, Trees, Combinatorics and Probabilities, Versailles, September 2002, Birhaeuser, to appear.

McDiarmid, C. and Fountoulakis, N.

Improved bounds for the non-3-colourability threshold in random graphs. *Discrete Mathematics and Theoretical Computer Science*, 5 (2002) 205 -226.

McDiarmid, C. and Hoáng, C.

On the divisibility of graphs, *Discrete Mathematics*, to appear.

McDiarmid, C. and Luczak, M.

Concentration for locally acting permutations. *Discrete Mathematics*, to appear.

McDiarmid, C. and Reed, B.

Channel assignment on graphs of bounded tree width, extended abstract appeared in *Electronic Notes in Discrete Mathematics* 10 (2001). *Discrete Mathematics*, to appear.

McDiarmid, C.

[see also: van den Heuvel]

Merino, C.

[see also: Calkin]

Mitra, G.

[see also: Nwana]

Montemanni, R., Smith, D.H. and Allen, S.M.,

An ANTS algorithm for the minimum span frequency assignment problem with multiple interference, *IEEE Transactions on Vehicular Technology*, Vol. 51, No. 5, (Sept. 2002), pp 949-953.

Montemanni, R., Smith, D.H. and Allen, S.M.,

An improved algorithm to determine lower bound for the fixed spectrum frequency assignment problem, *European Journal of Operational Research*, to appear.

Montemanni, R., Moon, J.N.J. and Smith, D.H.,

An improved tabu search algorithm for the fixed spectrum frequency assignment problem, *IEEE Transactions on Vehicular Technology*, to appear.

Nash-Williams, C.St.J.A.

[see also: Hilton]

Noble, S.D.

Evaluating the rank generating function of a graphic 2-polymatroid, submitted.

Noble, S.D.

[see also: Calkin, Koller, Leese, Luczak]

Nwana, V., Darby-Dowman, K.H. and Mitra, G.

A co-operative parallel heuristic for integer linear programming: combining simulated annealing with branch & bound, submitted.

Nwana, V. and Mitra, G.

Parallel mixed integer programming: a status review, submitted.

Ollis, M.A. and Preece, D.A.

Sectionable terraces and the (generalised) Oberwolfach problem, *Discrete Mathematics*, to appear

Ollis, M.A.

[see also: Bailey]

Perkins S. and Escott, A.E.,

Extended synchronizing codewords for q-ary complete prefix codes, *Discrete Mathematics*, 231 (2001), pp 391-401.

Perkins S.

[see also: Smith.]

Phillips, N.C.K., Preece, D.A. and Rees, D.H.

Double Youden rectangles for the four biplanes with $k=9$, *Journal of Combinatorial Mathematics and Combinatorial Computing*, to appear.

Preece, D.A. and Phillips, N.C.K.

Euler at the bowling green, *Utilitas Mathematica* 61 (2002) 129-165.

Preece, D.A.

[see also: Anderson, Bailey, Cameron, Ollis, Phillips]

Prowse, A. and Woodall, D. R.

Choosability of powers of circuits, *Graphs Combin.*, to appear.

Quinn, K.A.S.

[see also: Bryant.]

Rees, D. H.

[see also: Abel, Greig, Phillips]

Robertshaw, A. M. and Woodall, D. R.

Binding number conditions for matching extension, *Discrete Mathematics*, 248 (2002) 169-179.

Robertshaw, A. M.,

k-factors and extendability in bipartite graphs, submitted.

Robertson, E F, Ruskuc, N and Thomson, M R

On finite generation and other finiteness conditions for wreath products of semigroups, *Comm. Algebra* 30 (2002), 3851-3873.

Robertson, E F

[see also: Campbell, Havas, Linton]

Rowlinson, P. and Jackson, P.S.,

Star complements and switching in graphs, *Linear Algebra and its Applications* 356 (2002), 145-156.

Rowlinson P.

Star complements in finite graphs: a survey *Rendiconti del Seminario Matematico di Messina Ser.II* to appear

Rowlinson P.

Star complements and maximal exceptional graphs, submitted

Rowlinson P.

[see also: Bell, Cvetkovic]

Ruskuc, N.

[see also: Atkinson, Campbell, Descalo, Hoffmann, Linton, Robertson]

Shaw, R. and Maks, J.G.

Conclaves of planes in $PG(4,2)$ and certain planes external to the Grassmannian $G\{1,4,2\}$ in $PG(9,2)$, to appear in *J. of Geometry*.

Shaw, R., Maks, J.G. and Gordon, N.A.

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