

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 2003. 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.

Abraham, D.J., Irving, R.W. and Manlove, D.F.

The student-project allocation problem, in Proc. ISAAC 2003, Kyoto, Japan, December 2003.

Albert, M.H., Atkinson, M.D. and Ruskuc, N.

Regular closed sets of permutations. *Theoret. Comput. Sci.* 306 (2003), no. 1-3, 85--100.

Albert, M.H., Atkinson, M.D. and Ruskuc, N.

Regular closed sets of permutations. *Theoret. Comput. Sci.* 306 (2003), no. 1-3, 85--100.

Alejandro, P. P., Bailey, R. A. and Cameron, P. J.

Association schemes and permutation groups, *Discrete Mathematics* 266 (2003), 47-67.

Allen, S.M.,

[see also: Montemanni]

Alpern, S. and Gal, S.

(Book) *The Theory of Search Games and Rendezvous*. International Series in Operations Research and Management Science, Vol. 55. Kluwer Academic Publishers, 2003.

Anderson, I. and Ellison, L.

Z-cyclic ordered triple whist tournaments on p elements, where $p \equiv 5 \pmod{8}$, submitted.

Anderson, I. and Ferguson, C.

Training schedules balanced for carryover effects, *Bull. Inst. Combinatorics and its applications*, 40 (2004), 5-12.

Anderson, I. and Finizio, N.

Some new Z-cyclic whist tournament designs, submitted.

Anderson, I. and Preece, D.A.

Some narcissistic half-and-half power-sequence Z_p terraces with segments of different lengths, *Congressus Numerantium* 163 (2003), 5-26.

Anderson, I and Preece, D.A.

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

Anderson, I. and Preece, D.A.

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

de Andrade, E.X.L., McCabe, J.H. and Sri Ranga, A.

The Q-D algorithm for transforming series expansions into a corresponding continued fraction, an extension to cope with zero coefficients. J. Comput. Appl. Math. 156 (2003), no. 2, 487--497.

de Andrade, E.X.L., and McCabe, J.H.

On the Two point Pade Table for a Distribution. Rocky Mountain Journal of Mathematics, Vol. 33, No.2, 2003, pp 545-566.

Anthony, M.

On Boolean Combinations of Definitive Classifiers. *CDAM Research Report* 2003-22.

Anthony, M.

Margin-based Generalization Error Bounds for Threshold Decision Lists. *CDAM Research Report* 2003-09.

Anthony, M.

Data Classification by Multithreshold Functions. *Proceedings of the Workshop on Discrete Mathematics and Data Mining, 3rd SIAM Conference on Data Mining*, San Francisco, May 2003.

Anthony, M.

Accuracy of Classification by Iterative Linear Thresholding. *Proceedings of the Workshop on Discrete Mathematics and Data Mining, 3rd SIAM Conference on Data Mining*, San Francisco, May 2003.

Anthony, M.

Learning multivalued multithreshold functions. *CDAM Research Report* 2003-03.

Anthony, M.

Links Between Learning and Optimization: A Brief Tutorial. *CDAM Research Report* 2003-02. (A revised version to appear in *Annals of Operations Research*).

Anthony, M.

Boolean Functions and Artificial Neural Networks. *CDAM Research Report* 2003-01. (A version to appear as a chapter of *Boolean Methods and Models* (ed. Y. Crama and P.L. Hammer)).

Anthony, M. and Franco, L.

The Influence of Opposite Examples and Randomness on the Generalization Complexity of Boolean Functions. *CDAM Research Report* 2003-21.

Arratia, R. and Stark, D.

A total variation distance invariance principle for primes, permutations, polynomials and Poisson-Dirichlet, preprint.

Babbage, S., de Canniere, C., Lano, J., Preneel, B., and Vandewalle, J.

'Cryptanalysis of SOBER-t32', in proceedings of Fast Software Encryption 2003 (Springer LNCS 2887).

Bailey, R. A.

Designs on association schemes, in Science and Statistics: A Festschrift for Terry Speed (ed. Darlene R. Goldstein), Institute of Mathematical Statistics Lecture Notes-Monograph Series 40, IMS, Beachwood, Ohio, 2003, pp. 79-102.

Bailey, R. A.

Association Schemes: Designed Experiments, Algebra and Combinatorics, Cambridge Studies in Advanced Mathematics, Cambridge University Press, Cambridge, 2003.

Bailey, R. A., Cameron, P. J., Dobcsányi, P., Morgan, J. P., and Soicher, L. H.

Designs on the Web, in preparation.

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

Round-dance neighbour designs from terraces, Discrete Mathematics 266 (2003), 69-86.

Bailey, R. A.

[see also: Alejandro]

Banks, D., and Linton, S.A.

Counting Cases in Marching Cubes, Toward a Generic Algorithm for Producing Substitopes, Best Paper at IEEE Visualization 2003, proceedings released on DVD by the IEEE, 2003.

Barat, J., Edel, Y., Hill, R. and Storme, L.

On complete caps in the projective geometries over F_3 . II: New improvements, *Journal of Combinatorial Mathematics and Combinatorial Computing*, to appear.

Beals, R., Leedham-Green, C. R., Niemeyer, A. C., Praeger, C. E. and Seress, Á.

A black-box group algorithm for recognizing finite symmetric and alternating groups, I, Trans. Amer. Math. Soc. 355 (2003), 2097-2113.

Bedford, D., Johnson, M. and Ollis, M. A.

Defining sets for latin squares given that they are based on groups, European Journal of Combinatorics 24 (2003), 129-135.

Bekmetjev, A., Brightwell, G., Czygrinow, A., and Hurlbert, G.
Thresholds for families of multisets, with applications, *Discrete Math.* 269 (2003) 21-34.

Bell F.K.,
Line Graphs of Bipartite Graphs with Hamiltonian Paths, *J. Graph Theory* 43 (2003), 137-149.

Bell F.K. and Rowlinson P.,
On the multiplicities of graph eigenvalues, *Bull. London Math. Soc.* 35 (2003), 401-408.

Bell F.K. and Simic S.K.,
On graphs whose star complement for -2 is a path or a cycle, *Linear Algebra Appl.* 377 (2004), 249-265.

Berg, A. R., Jackson, B. and Jordán, T.
Highly edge-connected detachments of graphs and digraphs, *J. Graph Theory* 43 (2003), 67-77.

Biggs, N.
'Specht Modules and Chromatic Polynomials'. *CDAM Research Report* 2003-06.

Biggs, N.
'W.T. Tutte 1917-2002'. In *Surveys in Combinatorics 2003*, (ed. C.D. Wensley), Cambridge University Press.

Bollobás, B. and Brightwell, G.
The number of k -SAT functions, *Random Structures and Algorithms* 22 (2003) 227-247.

Bollobás, B. and Brightwell, G.
How many graphs are unions of k -cliques? Submitted. *CDAM Research Report* 2003-07.

Bollobás, B., Brightwell, G. and Leader, I.
The number of 2-SAT functions, *Israel J. Math.* 133 (2003) 45-60.

Brightwell, G.
The number of linear extensions of ranked posets, *CDAM Research Report* 2003-18

Brightwell, G., van den Heuvel, J. and Stougie, L.
A linear bound on the diameter of the transportation polytope, to appear in *Combinatorica*. *CDAM Research Report* 2003-10

Brightwell, G., Oriolo, G. and Shepherd, F. B.
Reserving resilient capacity for a single commodity with upper-bound constraints, *Networks*, 41 (2003) 87-96.

Brightwell, G. and Tetali, P.

The number of linear extensions of the boolean lattice, to appear in *Order*. CDAM Research Report 2003-19

Brightwell, G. and Winkler, P.

A second threshold for the hard-core model on a Bethe lattice. Submitted. CDAM Research Report 2003-05

Brightwell, G.

[see also: Bekmetjev and Bollobás]

Burkard, R.E. and Butkovic, P.

Max algebra and the linear assignment problem, Math. Program., Ser.B 98: 415-429 (2003).

Butkovic, P.

On the complexity of computing the coefficients of max-algebraic characteristic polynomial and characteristic equation. Kybernetika 39 (2003) 129-136, No. 2.

Butkovic, P.

Max-algebra: the linear algebra of combinatorics? Lin.Alg. and Appl. 367 (2003) 313-335.

Butkovic, P.

[see also: Burkard]

Cameron, P.J.

Coherent configurations, association schemes, and permutation groups, in Groups, Combinatorics and Geometry (ed. A. A. Ivanov, M. W. Liebeck and J. Saxl), World Scientific, Singapore, 2003, pp. 55-71.

Cameron, P.J.

Multi-letter Youden rectangles from quadratic forms, Discrete Math. 266 (2003), 143-151.

Cameron, P.J.

Problems from the eighteenth British Combinatorial Conference, Discrete Math. 266 (2003), 441-451.

Cameron, P.J. and Dent, A. W.

Orbit-homogeneity, J. London Math. Soc., submitted.

Cameron, P.J. and Ku, C.Y.

Intersecting families of permutations, Europ. J. Combinatorics 24 (2003), 881-890.

Cameron, P.J. and Majid, S.

Braided line and counting fixed points of $GL(d, F_q)$, Communications in Algebra.

Cameron, P.J. and Müller, T. W.

A cohomological property of finite p -groups, Arch. Math., to appear.

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

Notes on primitive lambda-roots [revised],

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

Cameron, P.J. and Tarzi, S.

Switching with more than two colours, Europ. J. Combinatorics, in press.

Cameron, P.J. and Wanless, I. M.

Covering radius for sets of permutations, Discrete Math., submitted.31 (2003), 2003-2013.

Cameron, P. J.

[see also: Alejandro, Bailey]

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 and low-dimensional topology (Pusan, 2000), 27--34, Res. Exp. Math., 27, Heldermann, Lemgo, 2003.

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

Efficient simple groups. Comm. Algebra 31 (2003), no. 10, 5191--5197.

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

Nice efficient simple presentations for all small simple groups and their covers, submitted.

Campbell, C.M., Robertson, E.F. and Smith, G.C. (editors)

Groups St Andrews 2001 in Oxford, Volume 1, London Mathematical Society 304, Cambridge University Press, Cambridge (2003).

Campbell, C.M., Robertson, E.F. and Smith, G.C. (editors)

Groups St Andrews 2001 in Oxford, Volume 2, London Mathematical Society 305, Cambridge University Press, Cambridge (2003).

Campbell, P.P.

[see also: Campbell, C.M.]

Cechlarova, K. and Manlove, D.F.

The exchange-stable marriage problem, submitted.

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

Class 1 graphs associated with regular graphs of high degree, *Congressus Numerantium*, 159 (2002), 133-142.

Cohen, S.D. and Huczynska, S.

Primitive free quartics with specified norm and trace. Acta Arith. 109 (2003), no. 4, 359--385.

Cohen, S.D. and Huczynska, S.

The primitive normal basis theorem---without a computer. *J. London Math. Soc.* (2) 67 (2003), no. 1, 41--56.

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

Graphs with least eigenvalue -2: a new proof of the 31 forbidden subgraphs theorem, *Designs, Codes and Cryptography*, to appear.

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

Spectral Generalizations of Line Graphs, Cambridge University Press, to appear (2004).

Dobcsányi, P

[see also: Bailey]

Duckworth, W., Manlove, D.F. and Zito, M.

On the approximability of the maximum induced matching problem, submitted.

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

The structure of totally critical graphs of odd order, *Discrete Math.*, 266 (2003), 229-238.

Falk, K.H. and Stratmann, B.O.

Remarks on Hausdorff Dimensions for Transient Limit Sets of Kleinian Groups. *Tohoku Mathematical Journal*, to appear.

Edwards, K.J.,

Edge decomposition of complete tripartite graphs, *Discrete Mathematics*, 272 (2003) 269-275.

Edwards, K.J.,

Detachments of complete graphs, submitted.

Edwards, K.J. and Farr, G.E.,

Planarization and fragmentability of some classes of graphs, submitted.

Edwards, K.J. and Farr, G.E.,

On monochromatic component size for greedy colourings, submitted.

Funk, M., Jackson, B., Labbate, D., and Sheehan, J.

2-Factor Hamiltonian graphs, *J. Combinatorial Theory (B)* 87 (2003), 138-144.

Gent, I.P., Harvey, W., Kelsey, T.W. and Linton, S.A.

Generic SBDD Using Computational Group Theory, In *Principles and Practice of Constraint Programming - CP 2003*, volume 2833 in *Lecture Notes in Computer Science*, pages 333--347, Springer-Verlag, 2003.

Georgiou, N.

A Random Binary Order: A New Model of Random Partial Orders. *CDAM Research Report* 2003-17.

Gordon, N.A., Jarvis, T.M. and Shaw, R.

Aspects of the linear groups $GL(n,2)$, submitted.

Gordon, N.A., Shaw, R. and Soicher, L.H.

Classification of partial spreads in $PG(4,2)$, submitted.

Gordon, N.A.

[see also: Shaw]

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

Approximability results for stable marriage problems with ties, *Theoretical Computer Science*, 306 (2003), 431-437.

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

Completing an edge-colouring of K_{2n} with K_r and independent edges precoloured, *Proc. London Math. Soc.*, to appear.

van den Heuvel, J. and McGuinness, S.

'Coloring the square of a planar graph'. *Journal of Graph Theory*, vol. 42 (2003) pp. 110-124.

van den Heuvel, J.

[see also: Brightwell]

Higgins, P.M., Howie, J.M., Mitchell, J.D. and Ruskuc, N.

Countable versus uncountable ranks in infinite semigroups of transformations and relations. *Proc. Edinb. Math. Soc.* (2) 46 (2003), no. 3, 531--544.

Higgins, P.M., Mitchell, J.D. and Ruskuc, N.

Generating the full transformation semigroup using order preserving mappings. *Glasg. Math. J.* 45 (2003), no. 3, 557--566.

Hill, R.

Multiple cot deaths – coincidence or beyond coincidence? *Paediatric and Perinatal Epidemiology*, to appear.

Hill, R. and Love, C.P.

On the $(22,4)$ -arcs in $PG(2,7)$ and related codes, *Discrete Math.*, 266 (2003) 253-261.

Hill, R.

[see also: Barat and Landjev]

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

An algorithm for finding λ -edge-connected k -factorizations of complete

graphs, *J. Graph Theory*, 43 (2003), 132-136.

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

Amalgamations of factorizations of complete equipartite graphs, *Discrete Math.*, to appear.

Hilton, A.J.W., Johnson, M., Rodger, C.A. and Wantland, E.B.

Amalgamations of connected k -factorizations, *J. Combinatorial Theory (B)*, 88 (2003), 267-279.

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

The total chromatic numbers of joins of sparse graphs, *Australasian J. Combinatorics*, 28 (2003), 93-105.

Hilton, A.J.W., Mays, M., Nash-Williams, C.St.J.A. and Rodger, C.A.

Hamiltonian double latin squares, *J. Combinatorial Theory (B)*, 87 (2003), 81-129.

Hilton, A.J.W., Wu, J-L. and Wang P.

Two sufficient conditions for a graph to be Type 1, *Ars Combinatoria*, to appear.

Hilton, A.J.W. and Wojciechowski, P.

Amalgamating infinite latin squares, *Discrete Math.*, to appear.

Hilton, A.J.W.

[see also: Cariolaro, Dugdale and Henderson]

Hirschfeld, J.W.P.

The 1959 Annali di Matematica paper of Beniamino Segre and its legacy, *J. Geometry* 76 (2003), 82-94.

Hirschfeld, J.W.P. and Korchmaros, G.

Caps on Hermitian varieties and maximal curves, *Adv. Geom.*, Special Issue (2003), 206-214.

Holmes, P.E., Linton, S.A. and Murray, S.H.

Product replacement in the Monster. *Experiment. Math.* 12 (2003), no. 1, 123--126.

Huczynska, S.

[see also: Cohen]

Huczynska, S. and Cohen, S.D.

Primitive free cubics with specified norm and trace. *Trans. Amer. Math. Soc.* 355 (2003), no. 8, 3099—3116.

Hulpke, A. and Linton, S.A.

Total Ordering on Subgroups and Cosets. In Proceedings of International Symposium on Symbolic and Algebraic Computation, 2003, pages 156 - 160, ACM Press, Philadelphia, 2003.

Irving, R.W. and Love, L.

The suffix binary search tree and suffix AVL tree, J. Discrete Algorithms 1 (2003), 387-408.

Irving, R.W., Manlove, D.F. and Scott, S.

Strong stability in the hospital / residents problem, Proc. STACS 2003, 20th Annual Symp. on Theoretical Aspects of Computer Science, Lecture Notes in Computer Science 2607, Springer (2003), 439-450.

Irving, R.W., Michail, D., Mehlhorn, K., Paluch, K. and Telikepalli, K.

Rank-maximal matchings, in Proc. SODA 2004, 15th ACM/SIAM Symp. on Discrete Algorithms, New Orleans, January 2004, to appear.

Irving, R.W. and Scott, S.

An algorithm for the stable fixtures problem, submitted.

Irving, R.W

[see also: Abraham and Halldorsson]

Jackson, B.

Zeros of chromatic and flow polynomials of graphs, J. Geometry 76 (2003), 95-109.

Jackson, B. and Jordán, T.

Non-separable detachments of graphs, J. Combinatorial Theory (B), 87 (2003), 17-37.

Jackson, B.

[see also: Berg and Funk]

Jaworski, J., Karonski, M. and Stark, D.

The degree of a typical vertex in generalized random intersection graph models, preprint.

Jendrol', S. and Owens, P. J.

On light graphs in 3-connected plane graphs without triangular or quadrangular faces: a correction. *Graphs Combin.*, 19 (2003), 517-519.

Johnson, M.

[see also: Bedford and Hilton]

Johnson, J. R.

'Baranyai Partitions and Kneser Graphs'. PhD thesis, University of Cambridge, 2003 (unpublished).

Jones, R.A., Smith, D.H. and Perkins, S.,

Assignment of spreading codes in DS-CDMA UWB systems, Proceedings of IEEE Conference on Ultra Wideband Systems and Technologies, Reston, Virginia, November 2003.

Keedwell, A. D.

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

Keedwell, A. D.

Tests for loop nuclei and a new criterion for a latin square to be group-based. *Europ. J. Combin.*, to appear.

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.

Construction and properties of (r, s, t) -inverse quasigroups I. *Discrete Mathematics*. 266 (2003), 275-291.

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

Construction and properties of (r, s, t) -inverse quasigroups II. Submitted.

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

Quasigroups with an inverse property and generalized parastrophic identities. Submitted.

Kemp, A.W.

Characterizations involving $U|(U+V=m)$ for certain discrete distributions. C. R. Rao 80th birthday felicitation volume, Part III. *J. Statist. Plann. Inference* 109 (2003), no. 1-2, 31--41.

Kesseboehmer, M., and Stratmann, B.O.

Multifractal Formalism for Growth Rates and Applications to Geometrically Finite Kleinian Groups. *Ergodic Theory & Dynamical Systems*, to appear.

Kesseboehmer, M.H., and Stratmann, B.O.

Stern-Brocot Pressure and Multifractal Spectra in Ergodic Theory of Numbers. To appear in the Proceedings of the Symposium 'Symbolic Dynamics and Ergodic Theory'.

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

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

Ku, C. Y.

[see also: Cameron]

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

On optimal codes over the field with five elements, *Designs, Codes and Cryptography*, 29 (2003) 165-175.

Leader, I

[see also: Bollobás]

Leedham-Green, C. R.

[see also: Beals]

Linton, S.A.,

[see also: Banks, Gent, Holmes and Hulpke]

Luczak, M.

'A quantitative law of large numbers via exponential martingales', in *Stochastic Inequalities and Their Applications*, Progress in Probability, **56** (2003) 93-111, Birkhäuser.

Luczak, M. and McDiarmid, C.

'Concentration for locally acting permutations', *Discrete Mathematics* 265 (2003) 159-171.

Luczak, M., McDiarmid, C. and Upfal, E.

'On-line routing of random calls in networks' *Probability Theory and Related Fields* **125** (2003) 457-482.

Manlove, D.F. and Middendorf, M.

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

Manlove, D.F.

[see also: Abraham, Cechlarova, Duckworth, Halldorsson and Irving]

McCabe, J.H.,

[see also: Andrade]

McDiarmid, C.

[see also: Luczak]

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*, Vol. 52, No. 4, July 2003, pp. 891-901.

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.

Müller, T. W.

Modular subgroup arithmetic, in Groups, Combinatorics and Geometry (ed. A. A. Ivanov, M. W. Liebeck and J. Saxl), World Scientific, Singapore, 2003, pp. 193-225.

Müller, T. W. (editor),

Groups: Topological, Combinatorial and Arithmetic Aspects, London Math. Soc. Lecture Notes 311, Cambridge University Press, Cambridge, 2003.

Müller, T. W.

[see also: Cameron]

Nincák, J. and Owens, P. J.

On a problem of R Häggkvist concerning edge-colouring of bipartite graphs. *Combinatorica*, to appear.

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

Sectionable terraces and the (generalised) Oberwolfach problem, *Discrete Mathematics* 266 (2003), 399-416.

Ollis, M. A.

[see also: Bailey, Bedford]

Owens, P. J.

[see also: Jendrol' and Nincák]

Perkins, S. Sakhnovich, A.L. and Smith, D.H.,

Mixed error-correcting codes and constant weight codes, submitted.

Perkins, S. Smith, D.H. and Ryley, A.,

Robust data compression: consistency checking in the synchronization of variable length codes, *The Computer Journal*, to appear, 2004.

Perkins, S.

[see also: Jones and 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* 44 (2003), 169-176.

Poole, T. R.

A degree and neighbourhood condition for the extendability of a set of l edges to a k -factor in a bipartite graph, submitted.

Poole, T. R.

A sufficient condition for Hamiltonian circuits in bipartite graphs, submitted.

Preece, D.A.

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

Prowse, A. and Woodall, D. R.

Choosability of powers of circuits, *Graphs Combin.* 19 (2003), 137-144.

Rees, D. H.

[see also: Phillips]

Robertshaw, A. M.,

k-factors and extendability in bipartite graphs, submitted.

Robertson, E.F,

[see also: Campbell,]

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

Finite generation and presentability of wreath products of monoids. *J. Algebra* 266 (2003), no. 2, 382--392.

Roney-Dougal, C.M.

Conjugacy of subgroups of the general linear group Submitted.

Roney-Dougal, C.M.

Affine groups with two self-paired orbitals. *Comm. Algebra* 31 (2003), no. 9, 4359--4370.

Roney-Dougal, C.M. and Unger, W.R.

The affine primitive permutation groups of degree less than 1000. *J. Symbolic Comput.* 35 (2003), no. 4, 421--439.

Rowlinson P.

Star complements in finite graphs: a survey, *Rendiconti del Seminario Matematico di Messina Ser. II, Supplemento al n.8* (2002), 145-162.

Rowlinson P.

[see also: Bell and Cvetkovic]

Ruskuc, N.

[see also: Albert, Higgins and Robertson]

Sands, A.D.,

Factoring finite abelian groups, *Journal of Algebra*, to appear.

Savani, R. and von Stengel, B.

'Long Lemke-Howson Paths'. *CDAM Research Report* 2003-14.

Scott, S.

[see also: Halldorsson and Irving]

Shaw, R. and Gordon, N.A.

The quintic Grassmannian $G_{1,4,2}$ in $PG(9,2)$, Designs, Codes and Cryptography, to appear.

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 $PG(9,2)$, J. Geom. 78 (2003) 168-180.

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

The classification of flats in $PG(9,2)$ which are external to the Grassmannian $G_{1,4,2}$ Designs, Codes and Cryptography, to appear.

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

Partial spreads in $PG(4,2)$ and flats in $PG(9,2)$ external to the Grassmannian $G_{1,4,2}$ Submitted.

Shaw, R.

[see also: Gordon]

Sheehan, J.

[see also: Funk]

Smith, D.H.,

[see also: Jones, Montemanni and Perkins]

Soicher, L. H.

GRAPE, in Computer Algebra Handbook: Foundations, Applications, Systems (J. Grabmeier, E. Kaltofen and V. Weispfenning, eds), Springer, Berlin, 2003, pp. 473-474.

Soicher, L. H.

[see also: Bailey and Gordon]

Stark, D.

Information loss in top to random shuffling, Combinatorics, Probability and Computing, 11 (2002), 607-627.

Stark, D.

The vertex degree distribution of random intersection graphs, submitted.

Stark, D.

Convergence in distribution for subset counts between random sets, submitted.

Stark, D. and Wormald, N.,

Distribution of the number of isomorphic copies of subgraphs in large random graphs, preprint.

Stark, D.

[see also: Arratia and Jaworski]

von Stengel, B.
[see also: Savani]

Stratmann, B.O.
Fractal Geometry on Hyperbolic Manifolds. To appear in the Proceedings of the 'Janos Bolyai Conference on Hyperbolic Geometry'.

Stratmann, B.O.
The Exponent of Convergence of Kleinian Groups; on a Theorem of Bishop and Jones. To appear in the Proceedings of the Conference 'Fractal Geometry and Stochastics'.

Stratmann, B.O.
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