



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 2000. This should not be taken as a complete record of all such publications for the period, and absence of listed publications for any individual should not be taken to imply absence of research activity.

[A](#) | [B](#) | [C](#) | [D](#) | [E](#) | [F](#) | [G](#) | [H](#) | [I](#) | [J](#) | [K](#) | [L](#) | [M](#) | [N](#) | [O](#) |
[P](#) | [Q](#) | [R](#) | [S](#) | [T](#) | [U](#) | [V](#) | [W](#) | [Y](#) | [Z](#) |

A

Alabdullatif, M. and Walker, K.

Maximum graphs not spannable by r disjoint paths, *Discrete Mathematics* 208/209(1999), pp9-12.

Aldous, J.M. and Wilson, R.J.

Graphs and Applications: An Introductory Approach, Springer, London, 2000.

Allston, J.L., Grannell, M.J., Griggs, T.S., Quinn, K.A.S. and Stanton, R.G.

On exact bicoverings of 12 points, *Ars Combin.*, 55 (2000), 147-159.

Allston, J.L., Grannell, M.J., Griggs, T.S., and Stanton, R.G.

Pairwise balanced designs on $4s+1$ points with longest block of cardinality $2s$. *Util. Math*, 58 (2000), 97-107.

Alpern, S.

Asymmetric Rendezvous Search on the Circle, *Dynamics and Control*, Vol. 10, 33-45.

Alpern, S.

Rendezvous Search: A Personal Perspective, *CDAM Research Report Series 2000-05* (to appear in *Operations Research*).

Alpern, S.

Rendezvous Search on Labelled Networks?, *CDAM Research Report Series 2000-10*

Alpern, S. and Beck, A

Pure Strategy Asymmetric Rendezvous on the Line with an Unknown Initial Distance, *Operations Research*, Vol. 48, No. 3, 498-501.

Alpern, S. and Gal, S

Searching For An Agent Who May Or May Not Want To Be Found, *CDAM Research Report Series 2000-14* (to appear in *Operations Research*).

Alpern, S. and Howard, J.V.

Alternating Search at Two Locations, *CDAM Research Report Series 2000-08*

Anderson, I.

Early whist tournaments of Whitfeld and Mitchell, and a hidden treasure, *Bulletin of I.C.A.* 29 (2000) 89-93

Anderson, I.

A first course in discrete mathematics, Springer 2000

Anderson, I. and Finizio, N. J.

On the construction of directed triplewhist tournaments, *J. Combinatorial Math. and Combin. Computing*, to appear

Anderson, I. and Preece, D. A.

Locally balanced change-over designs, *Utilitas Math.*, to appear.

Andrews, G.E. and Lewis, R.P.,

The ranks and cranks of partitions moduli 2, 3 and 4, *J. Number Theory* 85 (2000), 74-84.

Andrews, G.E. and Lewis, R.P.,

Restricted bipartitions, *Discrete Math.* , to appear.

Andrews, G.E., Lewis, R.P. and Liu, Z.-G.,

An identity relating a theta function and a sum of Lambert series, *Bull. London Math. Soc.* 33 (2001), 25-31.

Andrews, G.E. Lewis, R.P. and Lovejoy, J.

An algebraic identity of F.H. Jackson and its implications for partitions, *Discrete Math.* , to appear.

Andrews, G.E. Lewis, R.P. and Lovejoy, J.

Partitions with designated parts, submitted.

Anthony, M., and Bartlett, P.

Function learning from interpolation, *Combinatorics, Probability and Computing*, (2000), 213-225.

Araujo, I. M., Branco, M.J.J., Fernandez, V.H., Gomes G. M. S. and Ruskuc N.

On generators and relations for unions of semigroups, *Semigroup Forum*, to appear.

Araujo, I. M. and Ruskuc, N.

On finite presentability of direct products of semigroups, *Algebra Colloq.* 7 (2000), 83 -91.

Araujo, I. M. and Ruskuc, N.

Finite presentability of Bruck-Reilly extensions of groups, *J. Algebra*, to appear.

Arthur, R.E. and Ruskuc, N.

Presentations for two extensions of the monoid of order-preserving mappings on a finite set, *Southeast Asian Math. Bull.* 24 (2000), 1 - 7.

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

Sorting with two ordered stacks in series, submitted for publication.

Ayik, H., Campbell, C. M., O'Connor, J.J. and Ruskuc, N.

Minimal presentations and efficiency of semigroups, *Semigroup Forum* 60 (2000), 231 - 242.

Ayik, H., Campbell, C. M., O'Connor, J.J. and Ruskuc, N.

On the efficiency of wreath products of groups, in Proc. Groups Korea '98 (edited by Y. G. Baik, D. L. Johnson and A. C. Kim, Walter de Gruyter, Berlin New York, 2000), 39 - 51.

Ayik, H., Campbell, C. M., O'Connor, J.J. and Ruskuc, N.

On the efficiency of finite simple semigroups, *Turkish J. Math.* 24 (2000), 129 - 146.

Ayik, H., Campbell, C. M., O'Connor, J.J. and Ruskuc, N.

The semigroup efficiency of direct powers of groups, in Proc. Internat. Conf. on Semigroups, Braga, Portugal 18 - 23 June 1999 (edited by Paula Smith, Emilia Giraldes and Paula Martins, World Scientific, Singapore 2000), 19 - 25.

B

Ball, S., Hill, R., Landjev, I. and Ward, H.

On $(q^2 + q + 2, q + 2)$ -arcs in the projective plane $PG(2, q)$, *Designs, Codes and Cryptography*, to appear.

Barat, J., Edel, Y., Hill, R., Jones, C., Landjev, I. and Storme, L.

Caps in $PG(5, 3)$ and $PG(6, 3)$, *Proc. of Seventh International Workshop on Algebraic and Combinatorial Coding Theory*, Banskó, Bulgaria (2000), 65-67.

Bedford, D. and Johnson, M.

Weak uniquely completable sets for finite groups, *The Bulletin of the London Mathematical Society*, 32(2000), pp 155-162.

Bedford, D. and Johnson, M.

Weak critical sets in cyclic Latin squares, *The Australasian Journal of Combinatorics*, to appear.

Bedford, D., Ollis, M.A. and Whitaker, R.

On bipartite tournaments balanced with respect to carry-over effects for both teams, *Discrete Mathematics*, to appear.

Bedford, D. and Whitaker, R.

New and old values for Maximal MOLS(n), *Ars Combinatoria*, 54(2000), pp 255-258.

Bedford, D. and Whitaker, R.

Large sets of mutually quasi-orthogonal Latin squares, *Journal of Combinatorial Mathematics and Combinatorial Computing*, 32(2000), pp 299-310.

Bedford, D. and Whitaker, R.

Bounds on the number of Latin squares in a mutually quasi-orthogonal set, *Discrete Mathematics*, to appear.

Bedford, D. and Whitaker, R.

A new construction for efficient semi-Latin squares, *Journal of Statistical Planning and Inference*, to appear.

Bedford, D. and Whitehouse, D.

Products of uniquely completable partial Latin squares, *Utilitas Mathematica*, to appear.

Bell, F.K., Cvetkovic, D., Rowlinson, P. and Simic, S.

Some additions to the theory of star partitions of graphs, *Discussiones Mathematicae Graph Theory* 19, 119-134, 1999

[see also: Rowlinson, P.]

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

Bi-embeddings of the projective space $PG(3,2)$. *J. Statist. Plann. Inference*, 86 (2000), 321-329.

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

Cyclic bi-embeddings of Steiner triple systems on 31 points, *Glasg. Math. J.*, to appear.

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

Bi-embeddings of Steiner triple systems of order 15, *Graphs Combin.*, to appear.

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

On cyclic bi-embeddings of Steiner triple systems of order $12s+7$, submitted.

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

On the bi-embeddability of certain Steiner triple systems of order 15, submitted.

Biggs, N.

A matrix method for chromatic polynomials – II. *CDAM Research Report Series 2000-04*, April 2000.

Biggs, N.

Equimodular curves. *CDAM Research Report Series 2000-17*, September 2000.

Biggs, N. and Reinfeld, P.

The chromatic roots of the generalised dodecahedra. *CDAM Research Report Series 2000-07*, May 2000.

Blackburn, S.R. and Teske, E.

Baby-step giant-step algorithms for non-uniform distributions, in Proceedings of ANTS IV, Lecture Notes in Computer Science 1838, W. Bosma (Ed.) (Springer, Berlin, 2000), pp. 153-168.

Blackburn, S.R. and Galbraith, S.D.

Certification of secure RSA keys, *Electronics Letters*, Vol. 36, No. 1 (2000), pp. 29-30.

Blackburn, S.R.

Perfect hash families: probabilistic methods and explicit constructions, *J. Comb. Theory - Series A*, Vol. 92 (2000), pp. 54-60.

Blokhuis, A., Hirschfeld, J.W.P., Jungnickel, D. and Thas, J.A.

(eds.), Finite Geometries, Fourth Isle of Thorns Conference (2000), *Developments in Mathematics*, Kluwer, 2001.

Bonnington, C.P., Grannell, M.J., Griggs, T.S. and Siran, J.

Exponential families of non-isomorphic triangulations of complete graphs. *J. Combin. Theory*, Ser. B, 78 (2000), 169-184.

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

Cyclic colourings of 3-polytopes with large maximum face size, submitted.

Bowler, A., Grannell, M.J., Griggs, T.S. and Quinn, K.A.S.

On directed designs with block size five, *J. Geom*, 67 (2000), p50-60.

Brightwell, G and Bollobás, B.

Convex bodies, graphs and partial orders, *Proc. London Math. Soc.* (3) **80**, (2000), 415-450.

Brightwell, G and Winkler, P.

Gibbs measures and dismantlable graphs, *J. Combinatorial Theory* (B) **78**, (2000), 141-166.

Brightwell, G and Winkler, P.

Random colorings of a Cayley tree, *CDAM Research Report* 2000-01 (To appear in a volume devoted to papers for the first meeting of the Erdős Institute – B. Bollobás Ed.)

Brightwell, G, Oriolo, G. and Shepherd, F.B.

Reserving resilient capacity with upper bound constraints, *CDAM Research Report* LSE-CDAM 2000-03.

Brightwell, G, Bekmetjev, A., Czygrinow, A. and Hurlbert, G.

Thresholds for families of multisets, with an application to graph pebbling, *CDAM Research Report* 2000-18

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

On the volume of 4-cycle trades, submitted.

Bryant, D. and Maenhaut, B.

Common multiples of complete graphs, submitted.

Burgess, D. R. B.

Weakly completable sets in latin squares, *J. Combin. Math. Combin. Comput.* To appear.

Burgess, D. R. B. and Keedwell, A. D.

Weakly completable critical sets for proper vertex and edge colourings of graphs. *Australas. J. Combin.*, To appear

Burmester, M., Desmedt, Y.G., Itoh, T., Sakurai, K. and Shizuya, H.

Divertible and subliminal-free zero-knowledge proofs of languages, *The Journal of Cryptology*, Springer-Verlag, Berlin, 12(3) pp. 197--223, 1999.

Bussemaker, F. C., Haemers, W. H. and Spence, E.

The search for pseudo orthogonal Latin squares of order 6, *Designs, Codes and Cryptography* 21 (2000), 77-82.

C

Camina, A R

see <http://www.mth.uea.ac.uk/~h320/arc.html>

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

On defining groups efficiently without using inverses, submitted for publication.

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

The simple group $L_{\{3\}}(5)$ is efficient, *Comm. Algebra*, to appear.

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

Automatic semigroups, *Theoret. Comput. Sci.* 250 (2001), 365 - 391.

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

Direct products of automatic semigroups, *J. Austral. Math. Soc.* 69 (2000), 19 - 24.

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

Automatic completely-simple semigroups, *Acta. Math. Hungar.*, to appear.

[see also: Ayik, H.]

Christie, D. A. and Irving, R. W.

Sorting strings by reversals and by transpositions, *SIAM J. on Discrete Math.*, to appear.

Cohen, S. D. and Kuzjurin, N. N.

On the packing radius and covering radius of equal-weight codes, *Discrete Math.* 213 (2000), 35-42.

Colbourn, C.J., Grannell, M.J., Griggs, T.S. and Ling, A.C.H.,

Construction techniques for anti-Pasch Steiner triple systems, *J. London Math. Soc.* (2), 61 (2000), 641-657.

Cooper, S., Hirschhorn, M. and Lewis, R.P.,

Powers of Euler's product and related identities, *Ramanujan J.* 4 (2000), 137-155.

Cormode, G., Paterson, M. S., Sahinalp, S. C. and Vishkin, U.

Communication complexity of document exchange, *Proceedings of the 11th ACM-SIAM Annual Symposium on Discrete Algorithms*, 197-206, San Francisco, CA, 2000

Cossidente, A., Hirschfeld, J.W.P., Korchmáros, G. and Torres, F.

On plane maximal curves, *Compositio Math.* 121 (2000), 163-181.

Crvenkovic, S., Dolinka, I. and Ruskuc, N.

Notes on the number of operations of finite semigroups, *Acta Sci. Math. (Szeged)* 66 (2000), 19 - 24.

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

Some characterizations of graphs by star complements, *Linear Algebra and its Applications* 301, 81-97
1999

D

Dénes, J. and Keedwell, A. D.

Some applications of non-associative algebraic systems in cryptography. Submitted

Dent, S.

see <http://www.mth.uea.ac.uk/~h260/>

Descalco, L. and Ruskuc, N.

On automatic Rees matrix semigroups, submitted for publication.

Doostie, H. and Campbell, C. M.

Fibonacci length of automorphism groups involving Tribonacci numbers, *Vietnam J. Math.* 28 (2000), 57 - 66.

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

Convergence of the Iterated Prisoner's Dilemma game, *Research Report 376*, Department of Computer Science, University of Warwick, Coventry CV4 7AL, UK (Oct 2000).

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

On the relative complexity of approximate counting problems, Proceedings of APPROX 2000, *Springer-Verlag Lecture Notes in Computer Science* vol 1913 pages 108--119

Dyer, M., Goldberg, L. A., Greenhill, C., Jerrum, M. and Mitzenmacher, M.

An extension of path coupling and its application to the Glauber dynamics for graph colourings, *Proc. 11th Annual ACM-SIAM Symp. on Disc. Algorithms (SODA'00)*, 616--624.

Dzamonja, M

see <http://www.mth.uea.ac.uk/~h020/papers.html>

E

Evans, D. M.

see <http://www.mth.uea.ac.uk/~h120/publications.html>

F

Fishburn, P. C. and Woodall, D. R.

Cycle orders, *Order* 16 (1999), 149-164.

G

Giulietti, M., Hirschfeld, J.W.P., and Korchmáros, G.,

The Desarguesian plane of order thirteen, *Finite Geometries, Developments in Mathematics*, Kluwer, Boston, 2001, 159-170.

Goldberg, L.A. and Jerrum, M.

Counting unlabelled subtrees of a tree is #P-Complete, *LMS Journal of Computation and Mathematics*, 3 (2000) 117-124.

Goldberg, L.A. and Jerrum, M.

Randomly sampling molecules, *SIAM J. Comput.* 29 (2000), 834--853.

Goldberg, L.A., Jerrum, M., Kannan, S. and Paterson, M.

A bound on the capacity of backoff and acknowledgement-based protocols. Proc. 27th Int. Colloq. on Automata, Languages and Programming ICALP'00), *Lecture Notes in Comp. Sci. 1853*, Springer-Verlag, 2000, 705--716.

[see also: Dyer, M.]

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

Classification of partial spreads in PG(4,2), (65 pages accessible from: <http://www.hull.ac.uk/math/research/2000/>)

Grannell, M.J. and Griggs, T.S.,

The Pasch configuration, *Kluwer Encyclopaedia of Mathematics*, to appear.

Grannell, M., Griggs, T. and Hill, R.

The triangle chromatic index of Steiner triple systems, *Australasian J of Combinatorics*, to appear.

Grannell, M.J., Griggs, T.S., and Holroyd, F.C.

Cuboctahedron designs, *J. Combin. Math. Combin. Comput.*, 35 (2000), 185-191.

Grannell, M.J., Griggs, T.S., and Holroyd, F.C.

Modular graceful labellings of trees, *Discrete Math.*, to appear.

Grannell, M.J., Griggs, T.S., Kocay, W.L., Quinn, K.A.S. and Stanton, R.G.

Proper edge-colourings of complete graphs, *J. Combin. Math. Combin. Comput.*, 33 (2000), 103-116.

Grannell, M.J., Griggs, T.S. and Quinn, K.A.S.

All admissible 3-(v,4,1) directed designs exist, *J. Combin. Math. Combin. Comput.*, 35 (2000), 65-70.

Grannell, M.J., Griggs, T.S., Quinn, K.A.S. and Stanton, R.G.

Non-isomorphic solutions for some triple systems with bipoints *J. Combin. Math. Combin. Comput.*, 34 (2000), 51-58.

Grannell, M.J., Griggs, T.S., Quinn, K.A.S. and Stanton, R.G.

Triple systems with tripoints, *Util. Math.*, 57 (2000), 97-108.

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

Three-line chromatic indices of Steiner triple systems. (With T. S. Griggs and A. Rosa.) *Australas. J. Combin.*, 21 (2000), 67-84.

Grannell, M.J., Griggs, T.S., and Siran, J.

Recursive constructions for triangulations, submitted.

Grannell, M.J., Griggs, T.S. and Whitehead, C.A.

The resolution of the anti-Pasch conjecture, *J. Combin. Des.* 8 (2000), 300-309.

[see also: **Allston, Bennett, Bonnington, Bowler, Bryant, Colbourn**]

Gray, D.

see <http://www.mth.uea.ac.uk/~h120/publications.html>

[Griggs, T. S. see also **Allston, Bennett, Bonnington, Bowler, Bryant, Colbourn, Grannell**]

Gulpinar, N., Gutin, G. and Mitra, G.

Detecting embedded networks in LP using GUB Structures and Independent Set Algorithms, *Computational Optimization and Applications.* 15 (2000) 235--247.

Gutin, G. and Zverovich, A.

Evaluation of the contract-or-patch heuristic for the asymmetric TSP, submitted.

H

Haemers, W.H. and Spence, E.

The pseudo-geometric graphs for generalised quadrangles of order $(3,t)$, to appear.

Hall, N.G., Potts, C.N. and Sriskandarajah, C.

Parallel machine scheduling with a common server, *Discrete Applied Mathematics*, 102 (2000) 223-243.

van den Heuvel, J and Pejic, S.

Using Laplacian Eigenvalues and Eigenvectors in the Analysis of Frequency Assignment Problems, *CDAM Research Report*, 2000-20

Hill, R., Landjev, I., Jones, C., Storme, L. and Barat, J.

On complete caps in the projective geometries over F_3 , *Journal of Geometry*, 67 (2000), 127-144.

[see also: **Ball, Barat, Grannell**]

Hiltgen, A.P. and Paterson, K.G.

Single-Track Circuit Codes, *IEEE Transactions on Information Theory*, to appear.

Hilton, A.J.W., Holroyd, F.C. and Zhao, C.

The overfull conjecture and the conformability conjecture, *Discrete Math.*, to appear.

Hirschfeld, J.W.P.

(ed.), *Surveys in Combinatorics, 2001*, *London Math. Soc. Lecture Note Series 288*, Cambridge University Press, Cambridge, 2001.

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

Arcs and curves over a finite field, *Bull. London Math. Soc.* 33 (2001), 16-24.

Hirschfeld, J.W.P. and Storme, L.,

The packing problem in statistics, coding theory and finite projective spaces; update 2001, *Finite Geometries*, *Developments in Mathematics*, Kluwer, Boston, 2001, 201-246.

[see also **Blokhuis, Cossidente, Guilietti**]

Hoffmann, M., Ruskuc, N. and Thomas, R. M.

Automatic semigroups with subsemigroups of finite Rees index, *Internat. J. Algebra Comput.*, to appear.

[**Holroyd, F.C.:** see **Grannell, Hilton, Johnson**]

Hoogeveen, J.A., Potts, C.N. and Woeginger, G.J.

On-line scheduling on a single machine: Maximizing the number of early jobs, *Operations Research Letters* 27 (2000) 193-197.

How Tai Wah, K. S.

A theoretical study of fault coupling, *Software Testing, Verification and Reliability*, 10 (1), 2000, 3-45.

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Theoretical insights into the coupling effect, to appear in *Proc. Mutation 2000*, San Jose, USA, October, 2000, Kluwer Academic.

Hurley, S. and Smith, D.H.

Meta-heuristics and channel assignment, *Methods and Algorithms for Radio Channel Assignment* (ed. R. Leese and S. Hurley), OUP, to appear.

I

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

The superstable roommates problem, submitted.

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

The hospitals/residents problem with ties, *Springer Lecture Notes in Computer Science*, vol. 1851, (2000), 259-271.

[see also, Christie, Manlove]

J

Jendrol, S. and Owens, P.J.

On light graphs in 3-connected plane graphs without triangular or quadrangular faces. Submitted

Jennings S. M. and Hashim A.,

A Class of Nested Linear Block Codes And Their Decoding Algorithm, *IEE Proceedings Communications*, vol 147, no 4, August 2000

Jerrum, M., Sinclair, A. and Vigoda, E.

A polynomial-time approximation algorithm for the permanent of a matrix, *Electronic Colloq. on Computational Complexity*, TR00-079, 2000.

[see also, Dyer, Goldberg]

Johnson, A. and Holroyd, F.C.

Chromatic properties of subgraphs of Kneser graphs, submitted.

Jones, P. R.

see <http://www.mth.uea.ac.uk/~h260/>

Jungnickel, D., Mavron, V. C. and McDonough, T. P.

The geometry of frequency squares. Submitted

K

Keedwell, A. D.

Crossed-inverse quasigroups with long inverse cycles and applications to cryptography, *Austral. J. Combin.* 20 (1999), 241-250.

Keedwell, A. D.

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Keedwell, A. D.

Square/triangular numbers. *Math gazette*, Note No. 84.39, 84 (2000), 292-294.

Keedwell, A. D.

A characterization of the Jacobi logarithms of a finite field. *Discrete Math.*, to appear.

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Construction, properties and applications of finite neofields. In *Proc. 'Loops 99'*, Prague, 27 July-1 Aug., 1999. *Comment. Math. Univer. Carolinae* 41 (2000). 283-297.

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[see also: Burgess, Dénes, Sittampalam]

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

On the number of edges in hypergraphs critical with respect to strong colourings, *European J. Combin* 21 (2000), 249-255.

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

Sparse sets in the complements of graphs with given girth, *Discrete Math*, to appear.

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

Choosability conjectures and multicircuits, *Discrete Math.* to appear.

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

Density conditions for panchromatic colourings of hypergraphs, submitted.

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

Total choosability of multicircuits I, submitted.

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

Total choosability of multicircuits II, submitted.

Krasikov, I. and Roditty, Y.

On some Ramsey numbers of unicyclic graphs, *Bulletin of the ICA*, to appear.

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

Upper bounds on the automorphism group of graphs, submitted.

Krasikov, I. and Litsyn, S.

An improved upper bound on the minimum distance of doubly-even self-dual codes, *IEEE Trans. Information Theory*, Vol.46 No.51 (2000) 274-278.

Krasikov, I. and Litsyn, S.

On the distance distribution of BCH codes and their duals, *Designs, Codes and Cryptography*, to appear.

Kularajan, K., Mitra, G., Ellison, F. and Nygreen, B.

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L

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Lewis, R. P.,

The number of spanning trees of a complete multipartite graph, *Discrete Math.* 197/198 (1999), 537-541.

Lewis, R. P. and Liu, Z. G.,

On an identity of Ramanujan, *J. Math. Anal. and Appl.*, to appear.

Lewis, R. P. and Liu, Z. G.,

A conjecture of Hirschhorn on the 4-dissection of Ramanujan's continued fraction, *Ramanujan J.*, to appear.

Lewis, R. P. and Liu, Z. G.,

q-elliptic functions, *Ramanujan J.*, to appear.

[see also: Andrews, Cooper]

Lloyd, E.K.

Redfield's 1937 lecture, *MatCh* No 41, March 2000, 29-41.

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Computing in transformation monoids, *J. Symb. Comput.*, to appear.

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The intersection problem for maximum pentagon packings, *J. Combin. Math. Combin. Comput.*, 32 (2000), 65-78.

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[see also: Bryant]

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The structure of stable marriage with indifference, submitted.

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Hard variants of stable marriage, *Theoretical Computer Science*, to appear.

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Mavron, V. C.

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