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 2004. 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.
Two algorithms for the student-project allocation problem , submitted.

Abraham, D.J., Irving, R.W., Mehlhorn, K. and Telikepalli, K.
Popular matchings, Proc. SODA 2005, 16th ACM/SIAM Symposium on Discrete Algorithms, Vancouver, to appear.

Abreu, M., Aldred, R. E., Funk, M., Jackson, B. and Sheehan, J.
Graphs and digraphs with all 2-factors isomorphic, *J. Combinatorial Theory (Ser. B)* 92 (2004), 395-404.

Adams, P., **Bryant, D.E.**, **Grannell, M.J. and Griggs, T.S.**
Diagonally switchable 4-cycle systems*, Australas. J. Combin. (to appear).*

Al-Kenani, A. N. and Mavron, V. C.
Maximal arc partitions of designs. To appear in *Discrete Mathematics.*

Alon, N., Brightwell, G., Kierstead, H. A., Kostochka, A. V. and Winkler, P.
Dominating sets in k-majority tournaments. Submitted. *CDAM Research Report,* 2004-11.

Allen, S. M.
[see also: Montemanni]

Alpern, S. and Baston, V.
Rendezvous in Higher Dimensions. *CDAM Research Report,* 2004-06.

Alpern, S. and Baston, V.
A common notion of clockwise can help in planar rendezvous. *CDAM Research Report,* 2004-07.

Alpern, S. and Baston, V.
Rendezvous on a planar lattice. *CDAM Research Report,* 2004-08.

Alpern, S.
Bilateral street searching in Manhattan. *CDAM Research Report,* 2004-09.

Amaldi, E., Belotti, P. and Hauser, R.
A Randomized Algorithm for the MaxFS Problem. Technical Report.

Amaldi, E. and Hauser, R.
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Discrete mathematics in the high school curriculum, Zentralblatt fur Didaktit der Mathematik, 36 (2004), 105-116.

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Z-cyclic ordered triple whist tournaments on p elements where p=5 (mod 8), Discrete Math., to appear.

Anderson, I. and Ellison, L.
Z-cyclic ordered triplewhist and directed triplewhist tournaments on p elements where p=9 (mod 16), J. Comb. Math. Comb. Computing, to appear.

Anderson, I. and Ellison, L.
Z-cyclic directed moore (2,6) generalised whist tournament designs on p elements where p=7 (mod 12), Ars Combinatoria, to appear.

Anderson, I. and Finizio, N.
Some new Z-cyclic whist tournament designs, Discrete Math., to appear.

Anderson, I. and Preece, D.A.
Narcissistic half-and-half power-sequence terraces for Zn with n = pqt, *Discrete Math.* 279 (2004), 33-60.

Anderson, I. and Preece, D.A.
Logarithmic terraces, *Bull. Inst. Combinatorics Appl.,* to appear.

Anderson, I. and Preece, D.A.
Some power-sequence terraces for Zpq with as few segments as possible, *Discrete Math.,* to appear.

Anderson, I. and Preece, D.A.
Some Z (n-1) terraces from Zn power-sequences, n being an odd prime power, *Proc. Edin. Math.* Soc., to appear.

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On data classification by iterative linear partitioning. *Discrete Applied Mathematics,* 144 (1-2): 2-16, 2004.

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Partitioning points by parallel planes. *Discrete Mathematics*, 282 (1-3): 17-21, 2004.

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Generalization error bounds for threshold decision lists. *Journal of Machine Learning Research*, 5: 189-217, 2004.

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On a generalization complexity measure for Boolean functions. P*roceedings of the IEEE 2004 International Joint Conference on Neural Networks*, IEEE Press, 2004.

Anthony, M.
Some connections between learning and optimization. *Discrete Applied Mathematics*, 144 (1-2): 17-26, 2004.

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'Stream Ciphers: What does Industry Want?', presented at the ECRYPT 'State of the Art in Stream Ciphers' workshop, October 2004, and available in the workshop record at http://www.isg.rhul.ac.uk/research/projects/ecrypt/stvl/sasc-record.zip

Babbage, S.
[see also: Maximov]

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Association Schemes: Designed Experiments, Algebra and Combinatorics, Cambridge Studies in Advanced Mathematics 84, Cambridge University Press, Cambridge, 2004. 387pp. ISBN: 0 521 82446 X.

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Bailey, R. A.
Generalized wreath products of association schemes, *European Journal of Combinatorics,* to appear.

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Balanced colourings of strongly regular graphs, *Discrete Math.,* to appear.

Bailey, R. A.
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Bailey, R. A. and Cameron, P. J.
Crested products of association schemes, *J. London Math. Soc.,* to appear.

Bailey, R. A., Cameron, P. J., Dobcsányi, P., Morgan, J. P., and Soicher, L. H.
Designs on the Web, *Discrete Math.,* to appear.

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Large sets of cycle systems on nine points*, J. Combin. Math. Combin. Comput. (to appear).*

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On monochromatic component size for greedy colourings, Discrete Applied Mathematics, to appear.

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Ellison, L.
[see also: Anderson]

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Conversion of Coloring Algorithms into Maximum Weight Independent Set Algorithms, Discrete Applied Mathematics, to appear.

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Distance and fractional isomorphism in Steiner triple systems, submitted.

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[see also: Adams, Bennett, Bryant and Forbes]

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On the intersection problem for Steiner triple systems of different orders, submitted.

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On some colouring of 4-cycle systems with specified block colour patterns, submitted.

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[see also: Adams, Bennett, Bryant, Forbes and Grannell]

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