

## List C.

### Recent and forthcoming publications.

This list contains combinatorial books and papers, with at least one UK based author, that have been published, accepted or submitted for publication since the last issue of the *Bulletin* - i.e., during (approximately) the period April 2008-April 2009 - and have come to the attention of the BCB Editor. The intention is that papers whose status has changed (e.g. by being accepted, or appearing in print) will appear again, but *not* those which are still under consideration or revision, or are still waiting to be published. The intention is that authors are listed in alphabetical order by surname, even if that is not the order in which they appear on the paper, and that all co-authors (UK based or not) are cross-referenced to.

Abbreviations of the titles of journals/serials are normally taken from Zentralblatt, though for occasional less commonly occurring journals, conference proceedings and books the style may vary. Following a suggestion last year, a list of abbreviations and the corresponding full titles of journals is included at the end, to help those unfamiliar with what a particular abbreviation refers to. There will be errors!

Where the Editor is aware of a link to a preprint version of an article (and the author has no objection) a link to that page is included. Maintenance of these links will be minimal to non-existent: they are used at your own risk. Use of these versions is likely to be subject to restrictions, e.g. that the version is used only for purposes of personal study and not for commercial purposes, and should not be reproduced further: if in *any* doubt, you should check with the author(s) of the paper involved before using such links. Preprint versions of a paper may well differ, often non-trivially, from any eventual version which appears in a journal. The copyright of an article rests with the author(s) unless they have conceded the copyright to (e.g.) a publisher.

Similarly, in many cases where a valid DOI number has come to the Editor's attention these are provided: again, accuracy cannot be guaranteed.

This list 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.

**Abreu, M., Diwan, A. A., Jackson, B., Labbate, D. and Sheehan, J.**

Pseudo 2-factor isomorphic regular bipartite graphs, *J. Comb. Theory Ser. B* **98** (2008) 432-442 <http://dx.doi.org/10.1016/j.jctb.2007.08.006>

**Achlioptas, D. and Coja-Oghlan, A.**

Algorithmic barriers from phase transitions. Proc. 49th FOCS (2008) 793-802.

[http://arxiv.org/PS\\_cache/arxiv/pdf/0803/0803.2122v2.pdf](http://arxiv.org/PS_cache/arxiv/pdf/0803/0803.2122v2.pdf)

**Achlioptas, D., Coja-Oghlan, A. and Ricci-Tersenghi, F.**

On the solution space geometry of random formulas. Preprint.

<http://web.mac.com/aminco/papers/geometry.pdf>

**Addario-Berry, L., Janson S. and McDiarmid, C.**

On the spread of supercritical random graphs. Preprint.

<http://www.math.uu.se/~svante/papers/index.html#226>

**Adler, I., Grohe, M. and Kreutzer, S.**  
 Computing excluded minors. Proceedings of SODA2008 (2008) 641-650.  
<http://web.comlab.ox.ac.uk/people/Stephan.Kreutzer/Publications/08-soda.pdf>

**Ahmadidilir, K., Campbell, C. M. and Doostie, H.**  
 Two classes of semigroups and monoids involving Lucas numbers. *Semigroup Forum* **78** (2009) 200-209.

**Ahmadidilir, K., Campbell, C. M. and Doostie, H.**  
 Almost commutative semigroups. *Algebra Colloq.*, to appear.

**Aikin, J., Chun, C., Hall, R. and Mayhew, D.**  
 Internally 4-connected binary matroids with cyclically sequential orderings.  
 Submitted. <http://www.math.lsu.edu/~chchchun/CyclicSeqV9.pdf>

**Albert, M. H., Atkinson, M. D., Brignall, R., Ruškuc, N., Smith, R. and West, J.**  
 Growth rates for subclasses of  $Av(321)$ . Submitted.  
<http://www.maths.bris.ac.uk/~marlfb/papers/321avoiders.pdf>

**Albert, M. H., Atkinson, M. D. and Linton, S.A.**  
 Permutations generated by stacks and dequeues. Submitted.

**Albert, M. H. and Linton, S.A.**  
 Growing at a Perfect Speed. *Comb. Probab. Comput.*, to appear.

**Albert, M. H., Linton, S. A. and Ruškuc, N.**  
 On the permutational power of token passing networks. To appear.

**Aldous, D. J., McDiarmid, C. and Scott, A. D.**  
 Uniform multicommodity flow through the complete graph with random edge-capacities. Preprint. <http://people.maths.ox.ac.uk/~scott/Papers/multiflow.pdf>

**Alekseev, V. E., Lozin, V. V., Malyshev, D. and Milanic, M.**  
 The maximum independent set problem in planar graphs. *Lect. Notes Comput. Sci.* **5162** (2008) 96-107. [http://dx.doi.org/10.1007/978-3-540-85238-4\\_7](http://dx.doi.org/10.1007/978-3-540-85238-4_7)

**Allen, P.**  
 Covering two-edge-coloured complete graphs with two disjoint monochromatic cycles. *Comb. Probab. Comput.* **17** (2008) 471-486.  
<http://www.warwick.ac.uk/~mashat/twocycle.pdf>

**Allen, P.**  
 Forbidden induced bipartite graphs. *J. Graph Theory* **60** (2009) 219-241.  
<http://www.warwick.ac.uk/~mashat/forbbip.pdf>

**Allen, P.**  
 Minimum degree conditions for cycles. Submitted.  
<http://www.warwick.ac.uk/~mashat/pathcyclec.pdf>

**Allen, P., Lozin, V. V. and Rao, M.**  
 Clique-width and the speed of hereditary properties. *Electron. J. Comb.* **16** (2009) R35. <http://www.warwick.ac.uk/~mashat/sp.pdf>

**Alon, N., Coja-Oghlan, A., Hàn, H, Kang, M., Rödl, V, and Schacht, M.**  
 Quasi-randomness and algorithmic regularity for graphs with general degree distributions. *SIAM J. Comput.*, to appear.  
<http://www.math.tu-berlin.de/~kang/pub/jquasi.pdf>

**Alon, N., Fomin, F., Gutin, G., Krivelevich, M. and Saurabh, S.**  
 Spanning directed trees with many leaves. *SIAM J. Discrete Math.*, to appear.  
<http://www.cs.rhul.ac.uk/~gutin/paperstsp/dmljour180908.pdf>

**Alpern, S. and Fokkink, R.**  
 Accumulation Games on Graphs. Preprint.  
<http://www.cdam.lse.ac.uk/Reports/Files/cdam-2008-18.pdf>

**Alpern, S., Fokkink, R. and Kikuta, K.**

- On Ruckle's Conjecture on Accumulation Games. Preprint.  
<http://www.cdam.lse.ac.uk/Reports/Files/cdam-2008-20.pdf>
- Amato, D. and Truss, J. K.**  
Some constructions of highly arc-transitive digraphs. Preprint.  
<http://www.amsta.leeds.ac.uk/pure/staff/truss/primitive.pdf>
- Amato, D. and Truss, J. K.**  
Crown-free highly arc-transitive digraphs. Preprint.  
<http://www.amsta.leeds.ac.uk/pure/staff/truss/amato.pdf>
- Amini, O., Esperet, L. and van den Heuvel, J.**  
A unified approach to distance-two colouring of graphs on surfaces. Submitted.  
<http://www.cdam.lse.ac.uk/Reports/Files/cdam-2008-23.pdf>
- Anderson, I.**  
Early examples of spouse avoidance, *Bull. Inst. Combin. Appl.* **54** (2008) 47-52.
- Anderson, I. and Ellison, L. H. M.**  
Z-cyclic directed Moore (2,6) generalised whist tournament designs on  $p$  elements, where  $p = 7 \pmod{12}$ . *Ars Comb.* **87** (2008) 119-126.
- Anderson, I. and Preece, D. A.**  
Some  $Z_{n+2}$  terraces from  $Z_n$  power-sequences,  $n$  being an odd prime. *Discrete Math.* **308** (2008) 4086-4107. <http://dx.doi.org/10.1016/j.disc.2007.07.110>
- Anderson, I. and Preece, D. A.**  
Combinatorially fruitful properties of  $3 \cdot 2^{-1}$  and  $3 \cdot 2^{-2}$  modulo  $p$ . *Discrete Math.*, to appear.
- Anthony, M.**  
Aspects of discrete mathematics and probability in the theory of machine learning. *Discrete Appl. Math.* **156** (2008) 883-902.
- Aouchiche M., Bell F. K., Cvetković, D., Hansen P., Rowlinson P., Simić, S. K., Stevanović, D.**  
Variable neighborhood search for extremal graphs 16: some conjectures related to the largest eigenvalue of a graph. *Eur. J. Oper. Res.* **191** (2008) 661-676.  
<http://dx.doi.org/10.1016/j.ejor.2006.12.059>
- Applegate, R. and Cameron, P. J.**  
Orbits on  $n$ -tuples. *Commun. Alg.* **37** (2009) 269-275  
<http://dx.doi.org/10.1080/00927870802243739>
- Araújo, I. M., Ruškuc, N. and Silva, P. V.**  
Presentations for inverse subsemigroups with finite complement. Submitted.
- Araújo, J., von Büнау, P. and Mitchell, J. D.**  
Computing automorphisms of semi groups. *J. Symb. Comput.*, to appear.
- Araújo, J., Folgado, L. and Mitchell, J. D.**  
A classification of permutation groups that define idempotent generated semigroups. Submitted.
- Arrowsmith, D. K., Bhatti, F. and Essam, J. W.**  
Fermi walk configurations on the directed square lattice and standard Young Tableaux. Submitted. [http://www.maths.qmul.ac.uk/~mathres/dynsys/dka/EJC\\_08.pdf](http://www.maths.qmul.ac.uk/~mathres/dynsys/dka/EJC_08.pdf)
- Atkinson, M. D.**  
[see: Albert, M. H.]
- Avis, D., Rosenberg, G., Savani, R. and von Stengel, B.**  
Enumeration of Nash Equilibria for Two-Player Games. *Economic Theory*, to appear.  
<http://dx.doi.org/10.1007/s00199-009-0449-x>
- Aziz, H., Lachish, O., Paterson, M. S. and Savani, R.**

- Power indices for connectivity games. AAIM 2009, to appear.  
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Wiretapping: the nucleolus of connectivity. Preprint.  
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[http://arxiv.org/PS\\_cache/arxiv/pdf/0811/0811.2497v1.pdf](http://arxiv.org/PS_cache/arxiv/pdf/0811/0811.2497v1.pdf)
- Bailey, R. A.**  
Variance and concurrence in block designs, and distance in the corresponding graphs. *Mich. Math. J.*, in press.
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On the single-orbit conjecture for uncoverings-by-bases. *J. Group Theory* **11** (2008) 845-850. <http://dx.doi.org/10.1515/JGT.2008.053>
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Decoding generalised hyperoctahedral groups and asymptotic analysis of correctible error patterns. Preprint. <http://www.maths.qmw.ac.uk/~tp/papers/pub064pre.pdf>
- Balister, P., Bollobás, B. and Gerke, S.**  
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- Balister, P., Bollobás, B., Johnson, J. R. and Walters, M.**  
Random majority percolation. *Random Struct. Algorithms*, in press
- Balister, P., Bollobás, B., Sarkar, A. and Walters, M.**  
Connectivity of a Gaussian Network. *International Journal of Ad Hoc and Ubiquitous Computing* **3** (2008) 204-213 <http://dx.doi.org/10.1504/IJAHUC.2008.018407>
- Balister, P., Bollobás, B., Sarkar, A. and Walters, M.**  
Highly connected random geometric graphs. *Discrete Appl. Math.* **157** (2009) 309-320 <http://dx.doi.org/10.1016/j.dam.2008.03.001>
- Balister, P., Bollobás, B., Sarkar, A. and Walters, M.**  
A critical constant for the  $k$ -nearest neighbour model. *Adv. Appl. Probab.*, in press.
- Balister, P., Bollobás, B. and Walters, M.**  
Random transceiver networks, *Adv. Appl. Probab.*, in press.
- Balister, P. N., Gerke, S., Gutin, G., Johnstone, A., Reddington, J., Scott, E., Soleimanfallah, A. and Yeo, A.**  
Algorithms for generating convex sets in acyclic digraphs. *J. Discrete Algorithms*, to appear. <http://www.cs.rhul.ac.uk/~gutin/paperstsp/cgen220708.pdf>
- Balogh, J., Bollobás, B. and Morris, R. D.**  
Majority bootstrap percolation on the hypercube. *Comb. Probab. Comput.* **18** (2009) 17-51. <http://dx.doi.org/10.1017/S0963548308009322>
- Balogh, J., Bollobás, B. and Morris, R. D.**  
Bootstrap percolation in three dimensions. Preprint.  
[http://arxiv.org/PS\\_cache/arxiv/pdf/0806/0806.4485v1.pdf](http://arxiv.org/PS_cache/arxiv/pdf/0806/0806.4485v1.pdf)
- Bang-Jensen, J., and Gutin, G.**

Out-branchings with Extremal Number of Leaves. Submitted.

<http://www.cs.rhul.ac.uk/~gutin/paperstsp/branchs4.pdf>

**Bang-Jensen, J. and Yeo, A.**

The minimum spanning strong subdigraph problem is fixed parameter tractable. *Discrete Appl. Math.* **156** (2008) 2924-2929.

**Baron, R., Durieu, J., Haller, H. Savani, R. and Solal, P.**

Good Neighbors are Hard to Find. *Review of Economic Design* **12** (2008) 1-19.

**Batty, M., Casaccino, A., Duncan, A. J., Rees, S. E., and Severini, S.**

An application of the Deutsch-Jozsa algorithm to formal languages and the word problem in groups. *Lect. Notes Comput. Sci.* **5106** (2008) 57-69.

**Baur, K. and Marsh, R. J.**

Frieze patterns for punctured discs. *J. Algebr. Comb.*, to appear. (With an appendix by Hugh Thomas). <http://dx.doi.org/10.1007/s10801-008-0161-0>

**Behrisch, M., Coja-Oghlan, A., Kang, M.**

The order of the giant component of random hyper graphs. *Random Struct. Algorithms*, to appear. <http://web.mac.com/aminco/papers/jlimit9.pdf>

**Behrisch, M., Coja-Oghlan, A., Kang, M.**

Local limit theorems and the number of connected hyper graphs. Preprint. <http://web.mac.com/aminco/papers/jbllt7.pdf>

**Beineke L. W. and Wilson, R. J. (eds.)**

Topics in Topological Graph Theory. *Encyclopedia of Mathematics and its Applications*, Cambridge University Press, in press.

**Bell, F. K., Cvetković, D., Rowlinson, P. and Simić, S. K.**

Graphs for which the least eigenvalue is minimal I. *Linear Algebra. Appl.* **429** (2008) 234-241. <http://dx.doi.org/10.1016/j.laa.2008.02.032>

**Bell, F. K., Cvetković D., Rowlinson P. and Simić S. K.**

Graphs for which the least eigenvalue is minimal II. *Linear Algebra. Appl.* **429** (2008) 2168-2179. <http://dx.doi.org/10.1016/j.laa.2008.06.018> (Erratum to appear).

**Bell, F. K.**

[see: Aouchiche M.]

**Bell, J., Launois, S. and Lutley, J.**

An automaton-theoretic approach to the representation theory of quantum algebras. Preprint. [http://arxiv.org/PS\\_cache/arxiv/pdf/0901/0901.4707v1.pdf](http://arxiv.org/PS_cache/arxiv/pdf/0901/0901.4707v1.pdf)

**Bell, J., Launois, S., Nguyen, N.**

Dimension and enumeration of primitive ideals in quantum algebras. *J. Algebr. Comb.* **29** (2009) 269-294. <http://dx.doi.org/10.1007/s10801-008-0132-5>

**Benevides, F. and Skokan, J.**

The 3-colored Ramsey number of even cycles. *J. Comb. Theory Ser. B*, to appear.

**Berenbrink, P., Elsässer, R. and Friedetzky, T.**

Efficient randomised broadcasting in random regular networks with applications in peer-to-peer systems. *Proceedings of the Twenty-Seventh Annual ACM SIGACT-SIGOPS Symposium on Principles of Distributed Computing* (2008).

**Berenbrink, P., Friedetzky, T. and Hu, Z.**

A new analytical method for parallel, diffusion-type load balancing. *J. Parallel. Distrib. Comput.* **69** (2009) 54-61. <http://dx.doi.org/10.1016/j.jpdc.2008.05.005>

**Berenbrink, P., Friedetzky, T., Hu, Z. and Martin, R.**

On weighted balls-into-bins games. *Theor. Comput. Sci.* **409** (2008) 511-520.

**Bernardi, O., Noy, M. and Welsh, D. J. A.**

On the growth rate of minor-closed classes of graphs. Preprint.

<http://www.crm.es/Publications/08/Pr783.pdf>

**Bhatti, F.**

[see: Arrowsmith, D. K.]

**Bian, L., Chen, X.-E., Li, J.-W., Woodall, D. R., Yao, B. and Zhang, Z.-F.**

Adjacent strong edge colorings and total colorings of regular graphs.

*Sci. China Ser. A*: **52** (2009) 973-980.

**Biane, P., Bougerol, P. and O'Connell, N.**

Continuous crystals and Duistermaat-Heckman measure for Coxeter groups.

Preprint. [http://arxiv.org/PS\\_cache/arxiv/pdf/0804/0804.2356v2.pdf](http://arxiv.org/PS_cache/arxiv/pdf/0804/0804.2356v2.pdf)

**Bienert, R. and Klopsch, B.**

Automorphism groups of cyclic codes. *J. Algebr. Comb.*, to appear.

[http://arxiv.org/PS\\_cache/arxiv/pdf/0810/0810.3440v2.pdf](http://arxiv.org/PS_cache/arxiv/pdf/0810/0810.3440v2.pdf)

**Biggins, J. D. and Penman, D. B.**

Large deviations in random randomly coloured graphs. *Electron. Commun. Probab.*, to appear.

**Biggs, N. L.**

Chromatic Roots of the Quartic Mobius Ladders. Preprint.

<http://www.cdam.lse.ac.uk/Reports/Files/cdam-2008-05.pdf>

**Biggs, N. L.**

A Matrix Method for Flow Polynomials. Preprint.

<http://www.cdam.lse.ac.uk/Reports/Files/cdam-2008-08.pdf>

**Biggs, N. L.**

Tutte Polynomials of Bracelets. Preprint.

<http://www.cdam.lse.ac.uk/Reports/Files/cdam-2009-01.pdf>

**Biggs, N. L.**

*Codes: An Introduction to Information Communication and Cryptography*. Springer Undergraduate Mathematics Series.

**Bilioti, M., Jha, V., Johnson, N. L. and Montinaro, A.**

Two-transitive groups on a hyperbolic unital. *J. Comb. Theory Ser. A*. **115** (2008)

526-533. <http://dx.doi.org/10.1016/j.jcta.2007.07.005>

**Bilo, D., Erlebach, T., Mihalak, M. and Widmayer, P.**

Discovery of Network Properties with All-Shortest-Paths Queries. *Lect. Notes Comput. Sci.* **5058** (2008) 89-103.

<ftp://ftp.inf.ethz.ch/pub/publications/tech-reports/5xx/591.pdf>

**Biró, P.**

Student admissions in Hungary as Gale and Shapley envisaged. Submitted.

[http://www.dcs.gla.ac.uk/publications/PAPERS/8999/ca\\_tr.pdf](http://www.dcs.gla.ac.uk/publications/PAPERS/8999/ca_tr.pdf)

**Biró, P. and Fleiner, T.**

The Integral stable allocation problem on graphs. Submitted.

[http://www.dcs.gla.ac.uk/publications/PAPERS/8998/sa\\_tr.pdf](http://www.dcs.gla.ac.uk/publications/PAPERS/8998/sa_tr.pdf)

**Biró, P., Manlove, D. F. and Mittal, S.**

Size versus stability in the Marriage problem. *Lect. Notes Comput. Sci.* **5426** (2009)

15-28. <http://www.dcs.gla.ac.uk/publications/PAPERS/8904/minbp.pdf>

**Biró, P. and McDermid, E.**

Three-sided stable matchings with cyclic preferences. Submitted.

**Björnberg, J. and Grimmett, G. R.**

The phase transition of the quantum Ising model is sharp. Preprint.

<http://www.statslab.cam.ac.uk/~grg/papers/qimUS.pdf>

**Blackburn, S. R.**

Cryptanalysing the critical group: Efficiently solving Biggs's discrete logarithm problem. Preprint. <http://eprint.iacr.org/2008/170.pdf>

**Blackburn, S. R.**

A mathematical walk in Surrey. *British Society for the History of Mathematics Bulletin* **23** (2008) 178-180.

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Efficient key predistribution for grid-based wireless sensor networks. *Lect. Notes Comput. Sci.* **5155** (2008) 54-69.

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Distinct difference configurations: Multihop paths and key predistribution in sensor networks. Preprint. [http://arxiv.org/PS\\_cache/arxiv/pdf/0811/0811.3896v1.pdf](http://arxiv.org/PS_cache/arxiv/pdf/0811/0811.3896v1.pdf)

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Two-Dimensional Patterns with Distinct Differences - Constructions, Bounds, and Maximal Anticodes. Preprint.

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Key predistribution techniques for grid-based wireless sensor networks. Preprint.

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Prolific codes with the identifiable parent property., *SIAM J. Discrete Math.* **22** (2008) 1393-1410. <http://eprint.iacr.org/2007/276.pdf>

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Traceability codes. Preprint. <http://eprint.iacr.org/2009/046.pdf>

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A bound on the size of separating hash families. *J. Comb. Theory Ser. A.* **115** (2008) 1246-1256. <http://eprint.iacr.org/2007/304.pdf>

**Blackburn, S. R. and Gerke, S.**

Connectivity of the Uniform Random Intersection Graph. *Discrete Math.*, to appear.

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Key refreshing in wireless sensor networks. *Lect. Notes Comput. Sci.* **5155** (2008) 156-170.

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On the average energy of circulant graphs. *Linear Algebra Appl.* **428** (2008) 1956-1963.

**Blasiak, P., Duchamp, G.H.E., Horzela, A., Penson, K.A. and Solomon, A.I.**

Heisenberg-Weyl algebra revisited: combinatorics of words and paths. *J. Phys. A: Math. Theor.* **41** (2008) 415204 <http://dx.doi.org/10.1088/1751-8113/41/41/415204>

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Laguerre-type derivatives: Dobinski relations and combinatorial identities. Submitted.

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Separating populations with wide data: a spectral analysis. *Electron. J. Stat.* **3** (2009) 76-113. <http://dx.doi.org/10.1214/08-EJS289>

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Line-of-sight percolation. *Comb. Probab. Comput.* **18** (2009) 83-106

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Eliminating cycles in the discrete torus. *Algorithmica* **50** (2008) 446-454.

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- Cops and robbers in random graphs. Preprint.  
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## List of journal abbreviations for BCB.

This is a list of the abbreviations used for some of the journals we have recently encountered in the Bulletin. There are journals which we cannot find a “standard” journal abbreviation for, in such cases usually the name of the journal is spelled out in full when referring to it. Accuracy is, as usual, not guaranteed!

Some further journals will be added to the list in future. Possibly. Maybe. Mañana.

*Acta Arith.* – Acta Arithmetica  
*Adv. Appl. Probab.* – Advances in Applied Probability  
*Adv. Appl. Math.* – Advances in Applied Mathematics  
*Adv. Geom.* – Advances in Geometry  
*Adv. Math.* – Advances in Mathematics  
*Adv. Math. Commun.* – Advances in Mathematics of Communications.  
*Algebra Colloq.* – Algebra Colloquium.  
*Ann. Appl. Probab.* – Annals of Applied Probability  
*Ann. Math.* – Annals of Mathematics  
*Ann. Math. Artif. Intell.* - Annals of Mathematics and Artificial Intelligence.  
*Ann. Probab.* – Annals of Probability  
*Algebr. Represent. Theory* – Algebras and Representation Theory  
*Algorithmica* – Algorithmica  
*Algorithms. Comb.* – Algorithms and Combinatorics  
*Ann. Comb.* – Annals of Combinatorics  
*Appl. Anal. Discrete Math.* – Applicable Analysis and Discrete Mathematics  
*Appl. Math. Lett.* – Applied Mathematics Letters  
*Arch. Math. Logic* – Archive for Mathematical Logic  
*Arch. Math.* – Archiv der Mathematik  
*Australas. J. Comb.* – Australasian Journal of Combinatorics.  
*Ars. Comb.* – Ars Combinatorica.  
*Bernoulli* – Bernoulli  
*Bull. Inst. Comb. Appl.* – Bulletin of the Institute of Combinatorics and its Applications  
*Bull. Lond. Math. Soc.* – Bulletin of the London Mathematical Society  
*Combinatorica* –Combinatorica  
*Comb. Probab. Comput.* – Combinatorics, Probability and Computing.  
*Commentat. Math. Univ. Carol.* – Commentationes Mathematicae Universitatis Carolinae.  
*Commun. Algebra* – Communications in Algebra  
*Comput. Oper. Res.* – Computers & Operational Research.  
*Contemp. Math.* – Contemporary Mathematics  
*Contrib. Discrete Math.* – Contributions to Discrete Mathematics  
*Des. Codes. Cryptography* – Designs, Codes and Cryptography  
*Discrete Appl. Math.* – Discrete Applied Mathematics.  
*Discrete Comput. Geom.* – Discrete & Computational Geometry  
*Discrete Math.* – Discrete Mathematics  
*Discrete Math. Appl.* – Discrete Mathematics and its Applications  
*Discrete Math. Theor. Comput. Sci.* – Discrete Mathematics and Theoretical Computer Science  
*Discuss. Math. Graph Theory.* - Discussiones Mathematicae. Graph Theory.

*Electron. J. Comb.* – The Electronic Journal of Combinatorics  
*Electron. Notes Discrete Math.* – Electronic Notes in Discrete Mathematics  
*Eur. J. Comb.* – European Journal of Combinatorics  
*Eur. J. Oper. Res.* – European Journal of Operational Research  
*Exp. Math.* – Experimental Mathematics  
*Finite Fields Appl.* – Finite Fields and their Applications  
*Funct. Approximatio.* – Functiones et Approximatio. Commentarii Mathematicii  
*Fundam. Inform.* – Fundamentae Informaticae  
*Geom. Dedicata.* – Geometriae Dedicata  
*Geom. Funct. Anal.* – Geometric and Functional Analysis  
*Glasg. Math. J.* – Glasgow Mathematical Journal  
*Graphs Comb.* – Graphs and Combinatorics.  
*IEEE Trans. Inf. Theory* – IEEE Transactions on Information Theory.  
*Inf. Comput.* – Information and Computation  
*Inf. Process. Lett.* – Information Processing Letters  
*Int. J. Algebra Comput.* – International Journal of Algebra and Computation  
*Int. J. Comput. Geom. Appl.* – International Journal of Computational Geometry & Applications  
*Int. J. Found. Comput. Sci.* – International Journal of Foundations of Computer Science  
*Int. J. Game Theory* – International Journal of Game Theory  
*Int. J. Number Theory* – International Journal of Number Theory  
*Int. Math. Res. Not.* – International Mathematics Research Notices  
*Internet Math.* – Internet Mathematics  
*J. ACM.* – Journal of the Association for Computing Machinery  
*J. Algebr. Comb.* – Journal of Algebraic Combinatorics.  
*J. Aust. Math. Soc.* – Journal of the Australian Mathematical Society  
*J. Autom. Lang. Comb.* – Journal of Automata, Languages and Combinatorics  
*J. Comb. Math. Comb. Comput.* – Journal of Combinatorial Mathematics and Combinatorial Computing  
*J. Comb. Des.* – Journal of Combinatorial Designs  
*J. Comb. Optim.* – Journal of Combinatorial Optimization  
*J. Comb. Theory Ser. A (or B as appropriate)* – Journal of Combinatorial Theory Series A (or B as appropriate)  
*J. Comput. Syst. Sci.* – Journal of Computer and System Sciences  
*J. Discrete Algorithms* – Journal of Discrete Algorithms  
*J. Geom.* – Journal of Geometry  
*J. Graph Algorithms Appl.* – Journal of Graph Algorithms and Applications  
*J. Graph Theory* – Journal of Graph Theory  
*J. Group Theory* – Journal of Group Theory  
*J. Log. Comput.* – Journal of Logic and Computation  
*J. Lond. Math. Soc.* – Journal of the London Mathematical Society  
*J. Math. Cryptol.* – Journal of Mathematical Cryptology  
*J. Number Theory* – Journal of Number Theory.  
*J. Phys. A. Math. Theor.* – Journal of Physics A: Mathematical and Theoretical  
*J. Pure Appl. Algebra* – Journal of Pure and Applied Algebra  
*J. Reine Angew. Math.* – Journal für die Reine und Angewandte Mathematik  
*J. Sched.* – Journal of Scheduling

*J. Stat. Mech. Theory Exp.* – Journal of Statistical Mechanics: Theory and Experiment  
*J. Symb. Log.* – Journal of Symbolic Logic  
*J. Symb. Comput.* – Journal of Symbolic Computation  
*Lect. Notes Comput. Sci.* – Lecture Notes in Computer Science  
*Linear Algebra Appl.* – Linear Algebra and its Applications.  
*LMS J. Comput. Math.* – London Mathematical Society Journal of Computation and Mathematics.  
*Lond. Math. Soc. Lect. Note Ser.* – London Mathematical Society Lecture Note Series  
*Math. Gaz.* – Mathematical Gazette  
*Math Log. Q.* – Mathematical Logic Quarterly  
*Math. Methods Oper. Res.* – Mathematical Methods of Operational Research  
*Math. Proc. Camb. Philos. Soc.* – Mathematical Proceedings of the Cambridge Philosophical Society  
*Math. Semesterber.* – Mathematische Semesterberichte  
*Mem. Am. Math. Soc.* – Memoirs of the American Mathematical Society  
*Mich. Math. J.* – Michigan Mathematical Journal  
*Monatsh. Math.* – Monatshefte für Mathematik  
*Order* – Order  
*Philos. Trans. R. Soc. Lond., A* – Philosophical Transactions of the Royal Society of London A  
*Probab. Theory Relat. Fields* – Probability Theory and Related Fields  
*Proc. Edinb. Math. Soc.* – Proceedings of the Edinburgh Mathematical Society  
*Proc. Lond. Math. Soc.* – Proceedings of the London Mathematical Society  
*Q. J. Math.* Quarterly Journal of Mathematics  
*Quasigroups Relat. Syst.* – Quasigroups and Related Systems  
*Random Struct. Algorithms* – Random Structures and Algorithms  
*Sci. China Ser. A* – Science in China Series A (Mathematics)  
*Siam J. Comput.* – Society for Industrial and Applied Mathematics Journal on Computing  
*SIAM J. Discrete Math.* – Society for Industrial and Applied Mathematics Journal on Discrete Mathematics.  
*Stochastic Processes Appl.* – Stochastic Processes and their Applications  
*Theor. Comput. Sci.* – Theoretical Computer Science  
*Theory Comput. Syst.* – Theory of Computing Systems  
*Topolog. Appl.* – Topology and its Applications  
*Trans. Am. Math. Soc.* – Transactions of the American Mathematical Society  
*Util. Math.* – Utilitas Mathematica