

Volume 21 Number 5 September 2012



Combinatorics, Probability & Computing

Editor-in-Chief: Béla Bollobás

Managing Editors: Paul Balister, Imre Leader,
Oliver Riordan

Editors:

Noga Alon
Graham Brightwell
Jennifer T. Chayes
Alan Frieze
Zoltán Füredi
Timothy Gowers
Mark Jerrum
Jeff Kahn
Yoshiharu Kohayakawa
Alexandr Kostochka
Greg Lawler
Tomasz Łuczak
Colin McDiarmid
Brendan McKay
James Oxley
Yuval Peres
Alexander Razborov
Vojtěch Rödl
Alex Scott
Vera Sós
Wojciech Szpankowski
Andrew Thomason
Dominic Welsh
Peter Winkler



0963-5483

EDITOR-IN-CHIEF

BÉLA BOLLOBÁS: Trinity College, Cambridge CB2 1TQ and Department of Mathematical Sciences, University of Memphis, Memphis, TN 38152, USA, Email: B.Bollobas@dpmms.cam.ac.uk and Email: bollobas@msci.memphis.edu

MANAGING EDITORS

PAUL BALISTER: Department of Mathematical Sciences, University of Memphis, Memphis, TN 38152, USA, Email: pbalistr@memphis.edu

IMRE LEADER: Department of Pure Mathematics and Mathematical Statistics, Centre for Mathematical Sciences, Wilberforce Road, Cambridge CB3 0WB, Email: i.leader@dpmms.cam.ac.uk

OLIVER RIORDAN: Mathematical Institute, 24-29 St Giles', Oxford, OX1 3LB, Email: riordan@maths.ox.ac.uk

JOURNAL EMAIL ADDRESS: cpc@msci.memphis.edu

EDITORIAL BOARD

NOGA ALON: Department of Mathematics, Tel Aviv University, Ramat Aviv, 69978 Tel Aviv, Israel, Email: noga@math.tau.ac.il

Probabilistic methods in combinatorics

GRAHAM BRIGHTWELL: Department of Mathematics, London School of Economics, Houghton Street, London WC2A 2AE,

Email: g.r.brightwell@lse.ac.uk

Probabilistic methods and partially ordered sets

JENNIFER T. CHAYES: Microsoft Research, One Microsoft Way, Redmond, Washington 98052, USA, Email: jchayes@microsoft.com

Percolation, statistical physics methods

ALAN FRIEZE: Department of Mathematics, Carnegie-Mellon University, Pittsburgh, PA 15213, Email: alan@random.math.cmu.edu

Random graphs, algorithms

ZOLTÁN FÜREDI: Department of Mathematics, University of Illinois at Urbana-Champaign, Urbana, IL 61801, USA, Email: zoltan@math.uiuc.edu

Set systems, extremal graph theory

TIMOTHY GOWERS: Department of Pure Mathematics and Mathematical Statistics, Centre for Mathematical Sciences, Wilberforce Road, Cambridge

CB3 0WB, Email: W.T.Gowers@dpmms.cam.ac.uk

Combinatorial number theory, probabilistic combinatorics

MARK JERRUM: School of Mathematical Sciences, Queen Mary, University of London, Mile End Road, London E1 4NS, UK, Email:

M.Jerrum@qmul.ac.uk

Randomised algorithms, complexity theory

JEFF KAHN: Department of Mathematics, Rutgers University, New Brunswick, NJ 08903, USA, Email: jkahn@math.rutgers.edu

Extra-combinatorial methods, hypergraphs

YOSHIHARU KOHAYAKAWA: Instituto de Matemática e Estatística, University of São Paulo, Rua do Matão 1010, 05508-900 São Paulo, Brazil,

Email: yoshi@ime.usp.br

Random combinatorial structures, extremal problems

ALEXANDR KOSTOCHKA: Department of Mathematics, University of Illinois, 1409 W. Green Street, Urbana, IL 61801, USA,

Email: kostochk@math.uiuc.edu

Graphs, hypergraphs

GREG LAWLER: Department of Mathematics, University of Chicago, 5734 South University Avenue, Chicago, IL 60637, USA, Email:

lawler@math.uchicago.edu

Probability theory

TOMASZ ŁUCZAK: Institute of Mathematics, Adam Mickiewicz University, Matejki 48/49, PL-60 769 Poznań, Poland,

Email: tomasz@math.amu.edu.pl *Probabilistic methods, random structures*

COLIN McDIARMID: Department of Statistics, University of Oxford, 1 South Parks Road, Oxford OX1 3TG, Email: cmcd@stats.ox.ac.uk

Combinatorics, probability and algorithms

BRENDAN MCKAY: Computer Science Department, Australian National University, G.P.O. Box 4, Canberra, ACT 2601, Australia,

Email: bdm@cs.anu.edu.au *Probability theory, enumeration, asymptotics*

JAMES OXLEY: Department of Mathematics, Louisiana State University, Baton Rouge, LA 70803-4918, USA, Email: oxley@math.lsu.edu

Matroid theory

YUVAL PERES: Department of Statistics, 367 Evans Hall, University of California Berkeley, CA 94720-3860, USA, Email: peres@stat.berkeley.edu

Probability on graphs, random walks

ALEXANDER RAZBOROV: Department of Computer Science, University of Chicago, 1100 East 58th Street, Chicago, IL 60637, USA,

Email: razborov@cs.uchicago.edu

Boolean complexity theory

VOJTĚCH RÖDL: Department of Mathematics and Computer Science, Emory University, Atlanta, GA 30322-2390, USA,

Email: rodl@mathcs.emory.edu *Ramsey theory, set systems, extremal problems*

ALEX SCOTT: Mathematical Institute, University of Oxford, 24-29 St Giles, Oxford OX1 3LB, Email: scott@maths.ox.ac.uk

VERA SÓS: Mathematical Research Institute, Reáltanoda utca 13-15, P.O. Box 127, H-1364 Budapest, Hungary, Email: sos@math-inst.hu

Graph theory, combinatorics, number theory

WOJCIECH SZPANKOWSKI: Purdue University, Department of Computer Sciences, 250 N. University Street, West Lafayette, IN 47907-2066, USA,

Email: spa@cs.purdue.edu

Analytic algorithmics and combinatorics

ANDREW THOMASON: Department of Pure Mathematics and Mathematical Statistics, Centre for Mathematical Sciences, Wilberforce Road,

Cambridge CB3 0WB, Email: A.G.Thomason@dpmms.cam.ac.uk

Extremal graph theory, Ramsey theory

DOMINIC WELSH: Mathematical Institute, University of Oxford, 24-29 St Giles, Oxford, OX1 3LB, Email: dwelsh@maths.ox.ac.uk

Complexity, algorithms, matroid theory

PETER WINKLER: Department of Mathematics, Dartmouth College, Hanover, NH 03755-3551, USA,

Email: peter.winkler@dartmouth.edu *Algorithms, random structures*

INTERNET ACCESS

This journal is included in the Cambridge Journals Online service which can be found at journals.cambridge.org.

© CAMBRIDGE UNIVERSITY PRESS 2012