Discrete Mathematics
Volume 280, Numbers 1–3, 6 April 2004

Contents

Contributions

G. Ding and P. Chen
Unavoidable doubly connected large graphs 1

S. Fujishige, K. Makino, T. Takabatake and K. Kashiwabara
Polybasic polyhedra: structure of polyhedra with edge vectors of support size at most 2 13

A. Gonçalves and E.L. Monte Carmelo
Some geometric structures and bounds for Ramsey numbers 29

D.J. Grynkiewicz
On some Rado numbers for generalized arithmetic progressions 39

P. Healy, A. Kuusik and S. Leipert
A characterization of level planar graphs 51

P. Kaski and P.R.J. Östergård
Miscellaneous classification results for 2-designs 65

M. Lemos and J. Oxley
On the minor-minimal 2-connected graphs having a fixed minor 77

N. Lichiardopol
Concerning two conjectures on the set of fixed points of a complete rotation of a Cayley digraph 119

A. Malnič, D. Marušič, P. Potočnik and C. Wang
An infinite family of cubic edge- but not vertex-transitive graphs 133

B.S.W. Schröder
More examples on ordered set reconstruction 149

Z. Stankova and J. West
Explicit enumeration of 321, hexagon-avoiding permutations 165

0012-365X/04/$ - see front matter
doi:10.1016/S0012-365X(04)00082-2

E. Steffen
Measurements of edge-uncolorability 191

Notes

C. Bazgan
A note on the approximability of the toughness of graphs 215

M. de Graaf
Directed triangles in directed graphs 219

E. Deutsch
Enumerating symmetric directed convex polyominoes 225

N.A. Loehr
Note on André's reflection principle 233

D. Lou and D. Rao
Graphs with no M-alternating path between two vertices 237

H. Matsuda
Degree conditions for Hamiltonian graphs to have $[a, b]$-factors containing a given Hamiltonian cycle 241

S. Nicoloso
Sum coloring and interval graphs: a tight upper bound for the minimum number of colors 251

I.M. Pelayo
Comment on ''The Steiner number of a graph'' by G. Chartrand and P. Zhang [Discrete Mathematics 242 (2002) 41–54] 259

E. Shan and L. Kang
A note on balance vertices in trees 265

Van Bang Le and J. Spinrad
Consequences of an algorithm for bridged graphs 271

Forthcoming special issues 275

List of referees 277

Book announcements 281

Author index to volume 280 283

Master index to volumes 271–280 285

Guide for authors 299

CONTENTS Direct

This journal is part of **ContentsDirect**, the ***free*** alerting service which sends tables of contents by e-mail for Elsevier books and journals. You can register for **ContentsDirect** online at: **http://contentsdirect.elsevier.com**