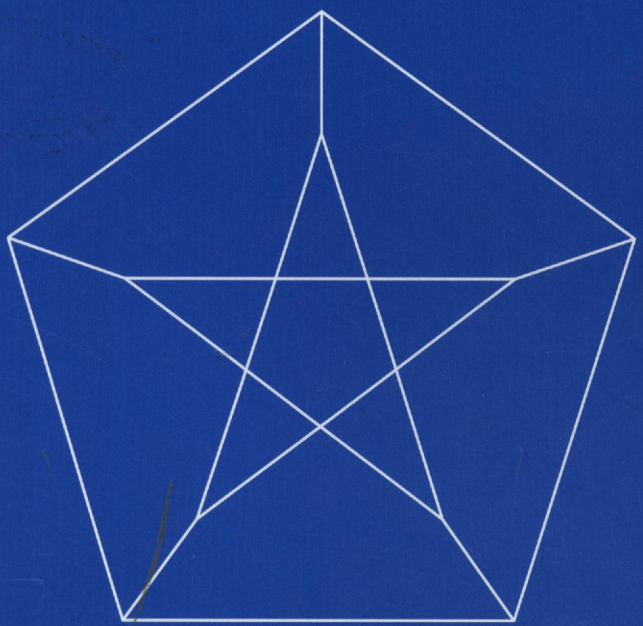
ISSN 0012-365X

DISCRETE MATHEMATICS

Volume 272, Numbers 2–3, Pages 127–310
6 November 2003



Discrete Mathematics
Volume 272, Numbers 2–3, 6 November 2003

Contents

Perspectives

C.C. Lindner and C.A. Rodger
A connection between varieties of quasigroups and graph decompositions 127

Communications

J. Gimbel and C. Hartman
Subcolorings and the subchromatic number of a graph 139

Contributions

Y. Chang and G. Lo Faro
The existence of directed BIBDs 155

G. Chartrand, T.W. Haynes, M.A. Henning and P. Zhang
Stratification and domination in graphs 171

E. Győri, V. Nikiforov and R.H. Schelp
Nearly bipartite graphs 187

G. Jenča
Finite homogeneous and lattice ordered effect algebras 197

S.O. Warnaar
The generalized Borwein conjecture. II. Refined q-trinomial coefficients 215

Notes

A. Bhattacharya
On a conjecture of Manickam and Singhi 259

B. Brešar and B. Zmazek
On the independence graph of a graph 263

K. Edwards
Edge decomposition of complete tripartite graphs 269

G. Ge, J. Wang and R. Wei
MGDD with block size 4 and its application to sampling designs 277

S. Gravier, C.T. Hoàng and F. Maffray
Coloring the hypergraph of maximal cliques of a graph with no long path 285

S.K. Gupta, P. Mangal and V. Paliwal
Some work towards the proof of the reconstruction conjecture 291

R.E. Jamison and P.D. Johnson Jr.

D.B. West
Research problems 301

T.A. McKee
Erratum to "Chordal bipartite, strongly chordal, and strongly chordal bipartite graphs" [Discrete Mathematics 260 (2003) 231–238] 307

Author index to volume 272 309

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