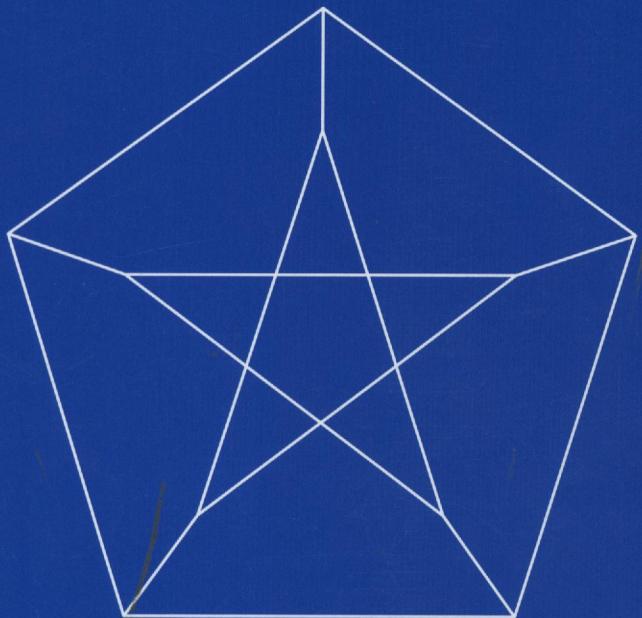


ISSN 0012-365X

DISCRETE MATHEMATICS

Volume 271, Numbers 1–3, Pages 1–352
28 September 2003



Discrete Mathematics

Volume 271, Numbers 1–3, 28 September 2003

Contents

Contributions

<i>Y. Chen, F. Tian and B. Wei</i>	1
Hamilton-connectivity of 3-domination-critical graphs with $\alpha \leq \delta$	1
<i>P. Frankl, Peter Frankl</i>	1
<i>C. Coker</i>	1
Enumerating a class of lattice paths	13
<i>L. Ferrari, E. Pergola, R. Pinzani and S. Rinaldi</i>	19
Jumping succession rules and their generating functions	29
<i>W.D. Gao</i>	31
On zero-sum subsequences of restricted size II	51
<i>W. Goddard, M.E. Raines and P.J. Slater</i>	53
Distance and connectivity measures in permutation graphs	61
<i>E. Govaert and H. Van Maldeghem</i>	63
Forgetful polygons as generalizations of semi-affine planes	71
<i>M.A. Henning</i>	73
Defending the Roman Empire from multiple attacks	101
<i>Y. Huang</i>	103
Maximum genus and chromatic number of graphs	117
<i>S. Kabadi and A.P. Punnen</i>	119
Weighted graphs with all Hamiltonian cycles of the same length	129
<i>A. Kelmans</i>	131
On graph closures	141
<i>W. Lin</i>	143
Some star extremal circulant graphs	169
<i>M. Loeb and J. Vondrák</i>	171
Towards a theory of frustrated degeneracy	179
<i>C. Mauduit and A. Sárközy</i>	181
On the measures of pseudorandomness of binary sequences	195
<i>J.S. Myers</i>	197
The extremal function for unbalanced bipartite minors	209
<i>B. Omono and Y.-H. Peng</i>	211

<i>M. Stojaković</i>	
Limit shape of optimal convex lattice polygons in the sense of different metrics	235
<i>Z. Świtalski</i>	
Half-integrality of vertices of the generalized transitive tournament polytope ($n = 6$)	251
<i>R. van den Brink and R.P. Gilles</i>	
Ranking by outdegree for directed graphs	261
<i>J. Von Korff</i>	
Classification of greedy subset-sum-distinct-sequences	271
<i>S. Wilson</i>	
A worthy family of semisymmetric graphs	283
<i>D. Xie and W. Yang</i>	
The total chromatic number of graphs of even order and high degree	295
Notes	
X. Li, V. Neumann-Lara and E. Rivera-Campo	
On a tree graph defined by a set of cycles	303
P. Lalonde	
Lattice paths and the antiautomorphism of the poset of descending plane partitions	311
L. Miao, S. Pang and J. Wu	
An upper bound on the number of edges of edge-coloring critical graphs with high maximum degree	321
N.D. Nenov	
On the triangle vertex Folkman numbers	327
D. Rautenbach	
A note on trees of maximum weight and restricted degrees	335
G. Salazar	
Infinite families of crossing-critical graphs with given average degree	343
Author index to volume 271	351