



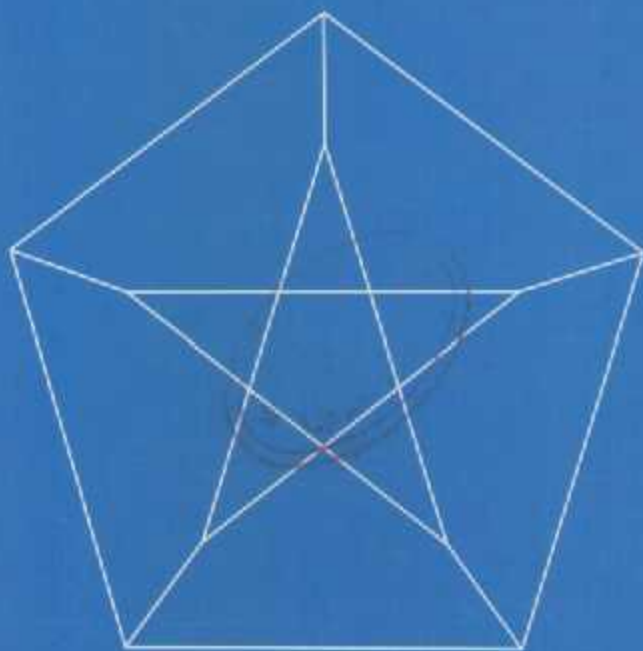
Volume 290

Issue 1

28 January 2005

ISSN 0012-365X

# DISCRETE MATHEMATICS



Also available on

SCIENCE @ DIRECT®

[www.sciencedirect.com](http://www.sciencedirect.com)

**Discrete Mathematics**  
**Volume 290, Issue 1, 28 January 2005**

**Contents**

**Contributions**

- F. Bassino, J. Clément and C. Nicaud*  
The standard factorization of Lyndon words: an average point of view 1
- R.E. Jamison and H.M. Mulder*  
Constant tolerance intersection graphs of subtrees of a tree 27
- Q. Mushtaq and T. Maqsood*  
Homomorphic images of  $\Delta(2,3,11)$  47
- N. Sieben and E. Deabay*  
Polyomino weak achievement games on 3-dimensional rectangular boards 61

**Notes**

- R. Chapman*  
A probabilistic proof of the Andrews–Gordon identities 79
- Y. Chen, Y. Zhang and K. Zhang*  
The Ramsey numbers of paths versus wheels 85
- M. Fayers*  
Multiple-elimination knockout tournaments with the fixed-win property 89
- J. Li*  
A new degree condition for graphs to have  $[a,b]$ -factor 99
- D. Lou, A. Saito and L. Teng*  
A note on internally disjoint alternating paths in bipartite graphs 105



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>