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Discrete Applied Mathematics 156 (2008) 985

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**DISCRETE  
APPLIED  
MATHEMATICS**

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## Preface

This special issue of *Discrete Applied Mathematics* is dedicated to the *Second Brazilian Symposium on Graphs, Algorithms and Combinatorics*, GRACO 2005, held in Angra dos Reis, Brazil, in 2005. Over 100 papers, by authors from 25 different countries, were submitted to the symposium. The proceedings were published in the *Electronic Notes in Discrete Mathematics*, volume 19.

This issue of *Discrete Applied Mathematics* contains the extended versions of 18 selected symposium papers. There are articles on classical graph theory, algorithmic graph theory, matroids, approximation algorithms, polyhedral methods, probabilistic combinatorics, and string processing.

We are very grateful to the referees for their invaluable help. We are also grateful to the Editor-in-Chief of *Discrete Applied Mathematics* for the publication of this volume. Special thanks are due to Bruce Reed for contributing an invited paper.

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