Preface

The 32nd International Workshop on Graph-Theoretic Concepts in Computer Science (WG 2006) was held on the island of Sotra close to the city of Bergen on the west coast of Norway. The workshop was organized by the Algorithms Research Group at the Department of Informatics, University of Bergen, and it took place from June 22 to June 24. The 78 participants of WG 2006 came from the universities and research institutes of 17 different countries.

The WG 2006 workshop continues the series of 31 previous WG workshops. Since 1975, WG has taken place 20 times in Germany, four times in The Netherlands, twice in Austria as well as once in France, in Italy, in Slovakia, in Switzerland and in the Czech Republic, and has now been held for the first time in Norway. The workshop aims at uniting theory and practice by demonstrating how graph-theoretic concepts can be applied to various areas in computer science, or by extracting new problems from applications. The goal is to present recent research results and to identify and explore directions of future research.

The talks showed how recent research results from algorithmic graph theory can be used in computer science and which graph-theoretic questions arise from new developments in computer science. There were two fascinating invited lectures by Hans Bodlaender (Utrecht, The Netherlands) and Tandy Warnow (Austin, USA).

The number of submitted papers was 91. In a careful reviewing process with four reports per submission, the Program Committee selected 30 papers for presentation at the workshop and several high quality papers had to be rejected.

With much pleasure, I thank all those who contributed to the success of WG 2006: the authors who submitted their work to the workshop, the speakers, the Program Committee members and the referees. I am indebted to the members of the Local Organization Committee: Frederic Dorn, Federico Mancini, Fredrik Manne, Alexey Stepanov, Jan Arne Telle, and especially Pinar Heggernes. Without their engagement and the help of various students during the meeting, WG 2006 could not have been such a great event.

Special thanks go to the sponsoring organizations: the University of Bergen, the Research Council of Norway, and IBM.

August 2006

Fedor V. Fomin
Organization

The Tradition of WG

1975  U. Pape – Berlin, Germany
1976  H. Noltemeier – Göttingen, Germany
1977  J. Mühlbacher – Linz, Austria
1978  M. Nagl, H.J. Schneider – Castle Feuerstein, Germany
1979  U. Pape – Berlin, Germany
1980  H. Noltemeier – Bad Honnef, Germany
1981  J. Mühlbacher – Linz, Austria
1982  H.J. Schneider, H. Göttler – Neuenkirchen, Germany
1983  M. Nagl, J. Perl – Haus Ohrbeck, Germany
1984  U. Pape – Berlin, Germany
1985  H. Noltemeier – Castle Schwanberg, Germany
1986  G. Tinhofer, G. Schmidt – Bernried, Germany
1987  H. Göttler, H.J. Schneider – Kloster Banz/Staffelstein, Germany
1988  J. van Leeuwen – Amsterdam, The Netherlands
1989  M. Nagl – Castle Rolduc, The Netherlands
1990  R. Möhring – Berlin, Germany
1991  G. Schmidt, R. Berghammer – Fischbachau, Germany
1992  E.W. Mayr – Wiesbaden-Naurod, Germany
1993  J. van Leeuwen – Utrecht, The Netherlands
1994  G. Tinhofer, E.W. Mayr, G. Schmidt – Herrsching, Germany
1995  M. Nagl – Aachen, Germany
1996  G. Ausiello, A. Marchetti-Spaccamela – Como, Italy
1997  R. Möhring – Berlin, Germany
1998  J. Hromkovič – Smolenice, Slovak Republic
1999  P. Widmayer – Ascona, Switzerland
2000  D. Wagner – Konstanz, Germany
2001  A. Brandstädt – Boltenhagen near Rostock, Germany
2002  L. Kučera – Cesky Krumlov, Czech Republic
2003  H.L. Bodlaender – Elspeet, The Netherlands
VIII Organization

2004 J. Hromkovič, M. Nagl – Bad Honnef, Germany
2005 D. Kratsch – Metz, France
2006 F.V. Fomin – Bergen, Norway

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Annegret Wagler
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Alexander Wolff
Jozef Siran
David Wood
Florian Zickfeld
# Table of Contents

Treewidth: Characterizations, Applications, and Computations .......... 1  
*Hans L. Bodlaender*

Locally Injective Graph Homomorphism: Lists Guarantee Dichotomy .... 15  
*Jiří Fiala, Jan Kratochvíl*

Generalised Dualities and Finite Maximal Antichains ................. 27  
*Jan Foniok, Jaroslav Nešetřil, Claude Tardif*

Chordal Deletion Is Fixed-Parameter Tractable ....................... 37  
*Dániel Marx*

A Fixed-Parameter Algorithm for the Minimum Weight Triangulation  
Problem Based on Small Graph Separators ............................. 49  
*Christian Knauer, Andreas Spillner*

Divide-and-Color .................................................... 58  
*Joachim Kneis, Daniel Mölle, Stefan Richter, Peter Rossmanith*

Listing Chordal Graphs and Interval Graphs ........................... 68  
*Masashi Kiyomi, Shuji Kijima, Takeaki Uno*

A Branch-and-Reduce Algorithm for Finding a Minimum Independent  
Dominating Set in Graphs ............................................. 78  
*Serge Gaspers, Mathieu Liedloff*

Improved Edge-Coloring with Three Colors........................... 90  
*Lukasz Kowalik*

Vertex Coloring of Comparability+ke and −ke Graphs ................. 102  
*Yasuhiko Takenaga, Kenichi Higashide*

Convex Drawings of Graphs with Non-convex Boundary ................. 113  
*Seok-Hee Hong, Hiroshi Nagamochi*

How to Sell a Graph: Guidelines for Graph Retailers ................ 125  
*Alexander Grigoriev, Joyce van Loon, René Sitters, Marc Uetz*

Strip Graphs: Recognition and Scheduling ........................... 137  
*Magnús M. Halldórsson, Ragnar K. Karlsson*
<table>
<thead>
<tr>
<th>Title</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Approximating the Traffic Grooming Problem in Tree and Star Networks</td>
<td>147</td>
</tr>
<tr>
<td>Michele Flammini, Gianpiero Monaco, Luca Moscardelli, Mordechai Shalom, Shmuel Zaks</td>
<td></td>
</tr>
<tr>
<td>Bounded Arboricity to Determine the Local Structure of Sparse Graphs</td>
<td>159</td>
</tr>
<tr>
<td>Gaurav Goel, Jens Gustedt</td>
<td></td>
</tr>
<tr>
<td>An Implicit Representation of Chordal Comparability Graphs in Linear-Time</td>
<td>168</td>
</tr>
<tr>
<td>Andrew R. Curtis, Clemente Izurieta, Benson Joeris, Scott Lundberg, Ross M. McConnell</td>
<td></td>
</tr>
<tr>
<td>Partitioned Probe Comparability Graphs</td>
<td>179</td>
</tr>
<tr>
<td>David B. Chandler, Maw-Shang Chang, Ton Kloks, Jiping Liu, Sheng-Lung Peng</td>
<td></td>
</tr>
<tr>
<td>Computing Graph Polynomials on Graphs of Bounded Clique-Width</td>
<td>191</td>
</tr>
<tr>
<td>J.A. Makowsky, Udi Rotics, Ilya Averbouch, Benny Godlin</td>
<td></td>
</tr>
<tr>
<td>Generation of Graphs with Bounded Branchwidth</td>
<td>205</td>
</tr>
<tr>
<td>Christophe Paul, Andrzej Proskurowski, Jan Arne Telle</td>
<td></td>
</tr>
<tr>
<td>Minimal Proper Interval Completions</td>
<td>217</td>
</tr>
<tr>
<td>Ivan Rapaport, Karol Suchan, Ioan Todinca</td>
<td></td>
</tr>
<tr>
<td>Monotony Properties of Connected Visible Graph Searching</td>
<td>229</td>
</tr>
<tr>
<td>Pierre Fraigniaud, Nicolas Nisse</td>
<td></td>
</tr>
<tr>
<td>Finding Intersection Models of Weakly Chordal Graphs</td>
<td>241</td>
</tr>
<tr>
<td>Martin Charles Golumbic, Marina Lipshteyn, Michal Stern</td>
<td></td>
</tr>
<tr>
<td>A Fully Dynamic Algorithm for the Recognition of P_4-Sparse Graphs</td>
<td>256</td>
</tr>
<tr>
<td>Stavros D. Nikolopoulos, Leonidas Palios, Charis Papadopoulos</td>
<td></td>
</tr>
<tr>
<td>Clique Graph Recognition Is NP-Complete</td>
<td>269</td>
</tr>
<tr>
<td>L. Alcón, L. Faria, C.M.H. de Figueiredo, M. Gutierrez</td>
<td></td>
</tr>
<tr>
<td>Homogeneity vs. Adjacency: Generalising Some Graph Decomposition</td>
<td>278</td>
</tr>
<tr>
<td>Algorithms</td>
<td></td>
</tr>
<tr>
<td>B.-M. Bui Xuan, M. Habib, V. Limouzy, F. de Montgolfier</td>
<td></td>
</tr>
<tr>
<td>Certifying Algorithms for Recognizing Proper Circular-Arc Graphs and Unit Circular-Arc Graphs</td>
<td>289</td>
</tr>
<tr>
<td>Haim Kaplan, Yahav Nussbaum</td>
<td></td>
</tr>
<tr>
<td>Title</td>
<td>Page</td>
</tr>
<tr>
<td>------------------------------------------------------------</td>
<td>------</td>
</tr>
<tr>
<td>Graph Labelings Derived from Models in Distributed Computing</td>
<td>301</td>
</tr>
<tr>
<td><em>Jérémie Chalopin, Daniël Paulusma</em></td>
<td></td>
</tr>
<tr>
<td>Flexible Matchings</td>
<td>313</td>
</tr>
<tr>
<td><em>Miklós Bartha, Miklós Krész</em></td>
<td></td>
</tr>
<tr>
<td>Simultaneous Graph Embeddings with Fixed Edges</td>
<td>325</td>
</tr>
<tr>
<td><em>Elisabeth Gassner, Michael Jünger, Merijam Percan, Marcus Schaefer, Michael Schulz</em></td>
<td></td>
</tr>
<tr>
<td>Approximation Algorithms for Restricted Cycle Covers Based on Cycle Decompositions</td>
<td>336</td>
</tr>
<tr>
<td><em>Bodo Manthey</em></td>
<td></td>
</tr>
<tr>
<td>Circular-Perfect Concave-Round Graphs</td>
<td>348</td>
</tr>
<tr>
<td><em>Sylvain Coulonges</em></td>
<td></td>
</tr>
<tr>
<td><strong>Author Index</strong></td>
<td>357</td>
</tr>
</tbody>
</table>