Graph Algorithms and Applications 2

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Preface

This book contains volumes 4-5 of the *Journal of Graph Algorithms and Applications (JGAA)*. Topics of interest for *JGAA* include:

Design and analysis of graph algorithms: exact and approximation graph algorithms; centralized and distributed graph algorithms; static and dynamic graph algorithms; internal- and external-memory graph algorithms; sequential and parallel graph algorithms; deterministic and randomized graph algorithms.

Experiences with graph algorithms: animations; experimentations; implementations.

Applications of graph algorithms: computational biology; computational geometry; computer graphics; computer-aided design; computer and interconnection networks; constraint systems; databases; graph drawing; graph embedding and layout; knowledge representation; multimedia; software engineering; telecommunication networks; user interfaces and visualization; VLSI circuits.

JGAA is supported by distinguished advisory and editorial boards, has high scientific standards, and takes advantage of current electronic document technology. The electronic version of *JGAA* is available on the Web at

<http://jgaa.info/>

We would like to express our gratitude to the members of the advisory board for their encouragement and support of the journal, to the members of the editorial board and guest editors for their invaluable service and to the many anonymous referees for their essential role in the selection process. Finally, we would like to thank all the authors who have submitted papers to *JGAA*.

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