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Preface

The 13th European Workshop on Computational Geometry (CG'97) was held on 20 – 21 March 1997 in Wuerzburg, Germany. Cosponsored by the Deutsche Forschungsgemeinschaft (DFG) and the Institute of Computer Science, University of Wuerzburg, it attracted some fifty scientists from more than a dozen countries all over the world.

The aim of the workshop was to bring together scientists from various disciplines to focus on computational and discrete aspects of various geometric problems, e.g. triangulations, skeletons, maintenance of geometric configurations under continuous object motion, visibility, Delaunay graphs, locational analysis, robot localization and navigation, Jordan sorting, surfaces based on Voronoi Diagrams, proximity queries, convex hulls, pattern and shape matching, approximation of 3D objects and center points, combinatorial structures of Dirichlet partitions, mixed volumes.

Inspired by the results and discussions at the workshop a call for papers for a Special Issue of Discrete Applied Mathematics on Computational Geometry arose. The present volume is a selection of papers, which were submitted.

We would like to thank the DFG as well as the local supporters and the very engaged members of the staff of CG'97.

We also want to express our appreciation to the authors for the quality of their contributions and the referees for their careful reviews.

Finally, many thanks to Professor Peter Hammer, Editor-in-Chief, and the staff of Discrete Applied Mathematics for their valuable support.

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