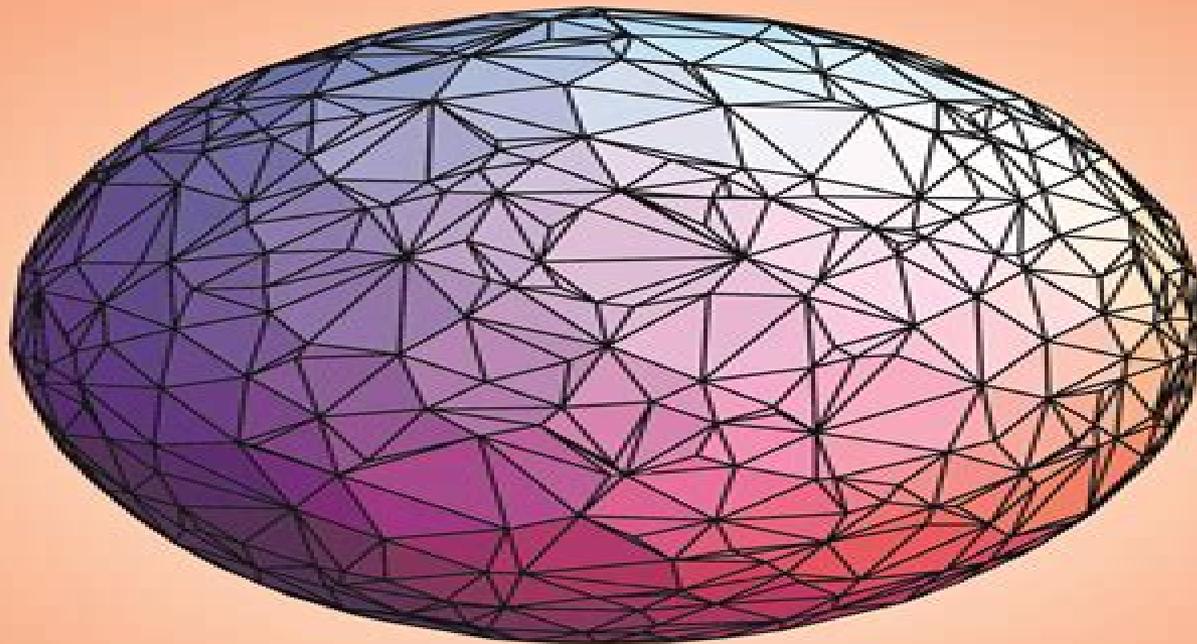


DISCRETE AND COMPUTATIONAL
GEOMETRY



SATYAN L. DEVADOSS
JOSEPH O'ROURKE

Discrete And Computational Geometry

**Jin Akiyama, Mikio Kano, Masatsugu
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of the most efficient combinatorial probabilistic and topological methods that can be used to design effective geometric algorithms for the applications mentioned above. Most of the methods and results discussed in the book have not appeared in any previously published monograph. In particular, this book contains the first systematic treatment of epsilon nets, geometric transversal theory, partitions of Euclidean spaces, and a general method for the analysis of randomized geometric algorithms. Apart from mathematicians working in discrete and computational geometry, this book will also be of great use to computer scientists and engineers who would like to learn about the most recent results.

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Jin Akiyama, Mikio Kano, Masatsugu Urabe, 2014-01-15 Discrete and Computational Geometry Jin Akiyama, Mikio Kano, Masatsugu Urabe, 2001-06-20 The Japanese Conference on Discrete and Computational Geometry (JCDCG) has

been held annually since 1997. One of the goals of this conference series is to bring together Japanese researchers from both academia and industry with researchers in these fields from abroad to share their recent results. JCDCG 2000 was held on 22-25 November 2000 at Tokai University in Tokyo in conjunction with the celebration of World Mathematics Year 2000. A total of 120 participants from 20 countries attended.

This volume consists of the papers presented at JCDCG 2000, which have been refereed and revised. Some papers which appear in short form in this volume also appear in fuller expanded versions in journals dedicated to computational geometry. The organizers of the conference thank the principal speakers for their terest and support: Imre Barany, Erik D. Demaine, Greg N. Fredrickson, Gyula Karolyi, Naoki Katoh, David Kirkpatrick, Joseph O'Rourke, Janos Pach, Jozsef Solymosi, William Steiger, Jorge Urrutia, and Allan Wilks.

Discrete and Computational Geometry Jin Akiyama, Mikio Kano, 2003-12-04. This book

constitutes the thoroughly refereed post proceedings of the Japanese Conference on Discrete Computational Geometry (JCDCG 2002) held in Tokyo, Japan, in December 2002. The 29 revised full papers presented were carefully selected during two rounds of reviewing and improvement. All current issues in discrete algorithmic geometry are addressed.

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algorithmic geometry are addressed

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Differential Geometry and Topology, Discrete and Computational Geometry (NATO Science Series. Series III, Computer and Systems Sciences, 1387-6694 ; V. 197) Mohamed Boucetta, 2005

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