

<<绘图/会议录Graph Drawing>>

图书基本信息

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内容概要

This book constitutes the thoroughly refereed post-proceedings of the 12th International Symposium on Graph Drawing, GD 2004, held in New York, NY, USA in September/October 2004. The 39 revised full papers and 12 revised short papers presented together with 4 posters and a report on the graph drawing context were carefully selected during two rounds of reviewing and improvement. All current aspects in graph drawing are addressed ranging from foundational and methodological issues to applications for various classes of graphs in a variety of fields.

书籍目录

Papers
Reconfiguring Triangulations with Edge Flips and Point Moves
Drawing Power Law Graphs
Hexagonal Grid Drawings: Algorithms and Lower Bounds
Improved Bounds for the Number of $(< k)$ -Sets, Convex Quadrilaterals and the Rectilinear Crossing Number of K_n
On the Realizable Weaving Patterns of Polynomial Curves in R^3
Drawing the AS Graph in 2.5 Dimensions
Boundary Labeling: Models and Efficient Algorithms for Rectangular Maps
Convex Drawings of 3-Connected Plane Graphs
Partitions of Complete Geometric Graphs into Plane Trees
Additional PC-Tree Planarity Conditions
GraphML Transformation
Clustering Cycles into Cycles of Clusters
Unit Bar-Visibility Layouts of Triangulated Polygons
Really Straight Graph Drawings
Layouts of Graph Subdivisions
Label Number Maximization in the Slider Model
An Efficient Implementation of Sugiyama's Algorithm for Layered Graph Drawing
Random Geometric Graph Diameter in the Unit Disk with p Metric
Algorithms for Drawing Media
Confluent Layered Drawings
Simultaneous Embedding of Planar Graphs with Few Bends
A Fast and Simple Heuristic for Constrained Two-Level Crossing Reduction
Contact and Intersection Representations
Dynamic Graph Drawing of Sequences of Orthogonal and Hierarchical Graphs
Graph Drawing by Stress Majorization
Computing Radial Drawings on the Minimum Number of Circles
Hamiltonian-with-Handles Graphs and the k -Spine Drawability Problem
Distributed Graph Layout for Sensor Networks
Drawing Large Graphs with a Potential-Field-Based Multilevel Algorithm
Building Blocks of Upward Planar Digraphs...
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