

<<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  
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Really Straight Graph Drawings  
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Label Number Maximization in the Slider Model  
An Efficient Implementation of Sugiyama's Algorithm for Layered Graph Drawing  
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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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