

《Graph Drawing 绘图》

图书基本信息

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内容概要

在线阅读本书

This book constitutes the thoroughly refereed post-proceedings of the 9th International Symposium on Graph Drawing, GD 2001, held in Vienna, Austria, in September 2001. The 32 revised full papers presented were carefully reviewed and selected from 66 paper submissions. Also included are a corrected version of a paper from the predecessor volume, short reports on the software systems exhibition, two papers of the special session on graph exchange formats, and a report on the annual graph drawing contests. The papers are organized in topical sections on hierarchical drawing, planarity, crossing theory, compaction, planar graphs, symmetries, interactive drawing, representations, aesthetics, 2D- and 3D-embeddings, data visualization, floor planning, and planar drawing.

书籍目录

Hierarchical Drawing A Fixed-Parameter Approach to Two-Layer Planarization How to Layer a Directed Acyclic Graph Fast and Simple Horizontal Coordinate Assignment Automated Visualization of Process Diagrams Parity Planarization of Clustered Graphs An Algorithm for Finding Large Induced Planar Subgraphs A Characterization of DFS Cotree Critical Graphs Crossing Theory An Improved Lower Bound for Crossing Numbers Crossing-Critical Graphs and Path-Width One Sided Crossing Minimization In NP-Hard for Sparse Graphs Compaction Fast Compaction for Orthogonal Drawing with Vertices of Prescribed Size Labeling Heuristics for Orthogonal Drawings Planar Graphs Untangling a Polygon Drawing with Fat Edges Symmetries Detecting Symmetries by Branch & Cut Drawing Graphs Symmetrically in Three Dimensions Interactive Drawing User Hints for Directed Graph Drawing Graph Drawing in Motion Online Hierarchical Graph Drawing Representations Aesthetics 2D- and 3D-Embeddings Data Visualization Planar Drawings Corrected Printing of GD 2000 Paper Software Exhibition Graph Exchange Formats Graph Drawing Contest Author Index

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