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	Titolo	Graph Drawing [[electronic resource]] : Symposium on Graph Drawing GD'96, Berkeley, California, USA, September 18 - 20, 1996, Proceedings / / edited by Stephen North
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	Collana	Lecture Notes in Computer Science, , 0302-9743 ; ; 1190
	Disciplina	511/.5
	Soggetti	Computer science—Mathematics
		Computer-aided engineering
		Discrete mathematics
		Algorithms
		Computer graphics
		Combinatorics
		Discrete Mathematics in Computer Science
		Computer-Aided Engineering (CAD, CAE) and Design
		Discrete Mathematics
		Algorithm Analysis and Problem Complexity
		Computer Graphics
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	Nota di contenuto	Bipartite embeddings of trees in the plane -- Series-parallel planar ordered sets have pagenumber two -- On rectangle visibility graphs -- A graph drawing and translation service on the WWW -- Drawing 2-, 3- and 4-colorable graphs in O(n2) volume -- Optimizing area and aspect ratio in straight-line orthogonal tree drawings -- Drawing directed acyclic graphs: An experimental study -- Circular layout in the Graph Layout toolkit -- Multilevel visualization of clustered graphs -- Straight-line drawing algorithms for hierarchical graphs and clustered graphs -- Graph-Drawing contest report -- Two algorithms for three dimensional orthogonal graph drawing -- 2-Visibility drawings of planar graphs -- Upper bounds on the number of hidden nodes in

Sugiyama's algorithm -- Integration of declarative approaches (System Demonstration) -- GIOTTO3D: A system for visualizing hierarchical structures in 3D -- A new minimum cost flow algorithm with applications to graph drawing -- Constrained graph layout -- The graphlet system (system demonstration) -- On the Edge Label Placement problem -- Intersection graphs of noncrossing arc-connected sets in the plane -- Wiring edge-disjoint layouts -- Proximity drawings of outerplanar graphs (extended abstract) -- Automatic visualization of two-dimensional cellular complexes -- An alternative method to crossing minimization on hierarchical graphs -- A linear-time algorithm for four-partitioning four-connected planar graphs -- Graphs drawn with few crossings per edge -- A pairing technique for area-efficient orthogonal drawings (extended abstract) -- Experimental and theoretical results in interactive orthogonal graph drawing -- An interactive system for drawing graphs -- Automatic graph clustering (system demonstration) -- Qualitative visualization of processes: Attributed graph layout and focusing techniques.

Sommario/riassunto	This book constitutes the strictly refereed post-conference proceedings of the International Symposium on Graph Drawing, GD'96, held in Berkeley, California, in September 1996. The 24 revised full papers and the 8 systems demonstrations presented in the book were carefully selected from a total of 50 papers and 24 demos submitted. Also included is a summary of the annual graph drawing competition. Among the topics covered are planarity, upward and orthogonal drawing, heuristics, experimental results, and graph drawing systems.