

1. Record Nr.	UNISA996465291703316
Titolo	Graph Drawing [[electronic resource]] : 17th International Symposium, GD 2009, Chicago, IL, USA, September 22-25, 2009. Revised Papers // edited by David Eppstein, Emden R Gansner
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2010
ISBN	1-280-38569-3 9786613563613 3-642-11805-4
Edizione	[1st ed. 2010.]
Descrizione fisica	1 online resource (426 p. 199 illus.)
Collana	Theoretical Computer Science and General Issues, , 2512-2029 ; ; 5849
Disciplina	004.0151
Soggetti	Computer science—Mathematics Discrete mathematics Algorithms Computer science User interfaces (Computer systems) Human-computer interaction Discrete Mathematics in Computer Science Mathematical Applications in Computer Science Models of Computation Symbolic and Algebraic Manipulation User Interfaces and Human Computer Interaction
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di contenuto	Invited Talks -- Why Are String Graphs So Beautiful? -- The Art of Cheating When Drawing a Graph -- Papers -- Drawing Hamiltonian Cycles with No Large Angles -- Area, Curve Complexity, and Crossing Resolution of Non-planar Graph Drawings -- On the Perspectives Opened by Right Angle Crossing Drawings -- Drawing 3-Polytopes with Good Vertex Resolution -- Planar Drawings of Higher-Genus Graphs -- Splitting Clusters to Get C-Planarity -- On the Characterization of Level Planar Trees by Minimal Patterns -- Characterization of Unlabeled

Radial Level Planar Graphs -- Upward Planarization Layout -- More Flexible Radial Layout -- WiGis: A Framework for Scalable Web-Based Interactive Graph Visualizations -- Port Constraints in Hierarchical Layout of Data Flow Diagrams -- Fast Edge-Routing for Large Graphs -- Leftist Canonical Ordering -- Succinct Greedy Drawings Do Not Always Exist -- Geometric Simultaneous Embeddings of a Graph and a Matching -- Algebraic Methods for Counting Euclidean Embeddings of Rigid Graphs -- Removing Independently Even Crossings -- Manhattan-Geodesic Embedding of Planar Graphs -- Orthogonal Connector Routing -- On Rectilinear Drawing of Graphs -- Semi-bipartite Graph Visualization for Gene Ontology Networks -- On Open Problems in Biological Network Visualization -- A Novel Grid-Based Visualization Approach for Metabolic Networks with Advanced Focus&Context View -- Small Drawings of Series-Parallel Graphs and Other Subclasses of Planar Graphs -- Drawing Trees in a Streaming Model -- The Planar Slope Number of Planar Partial 3-Trees of Bounded Degree -- Drawing Planar 3-Trees with Given Face-Areas -- 3D Visibility Representations by Regular Polygons -- Complexity of Some Geometric and Topological Problems -- On Planar Supports for Hypergraphs -- DAGmaps and ?-Visibility Representations of DAGs -- Drawing Directed Graphs Clockwise -- An Improved Algorithm for the Metro-line Crossing Minimization Problem -- Layout with Circular and Other Non-linear Constraints Using Procrustes Projection -- Posters -- GMap: Drawing Graphs as Maps -- Using High Dimensions to Compare Drawings of Graphs -- On ?-Constrained Upward Topological Book Embeddings -- 4-Labelings and Grid Embeddings of Plane Quadrangulations -- IBM ILOG Graph Layout for Eclipse -- Layout Techniques Coupled with Web2.0-Based Business Process Modeling -- Proving or Disproving Planar Straight-Line Embeddability onto Given Rectangles -- Visualization of Complex BPEL Models -- DAGmaps and Dominance Relationships -- Scaffold Hunter – Interactive Exploration of Chemical Space -- Graph Drawing Contest -- Graph Drawing Contest Report.
