1. Record Nr.   UNINA9910484089603321

   Titolo   Graph Drawing and Network Visualization : 23rd International
                      Symposium, GD 2015, Los Angeles, CA, USA, September 24-26, 2015,
                      Revised Selected Papers / / edited by Emilio Di Giacomo, Anna Lubiw

   Pubbl/distr/stampa Cham : , : Springer International Publishing : , : Imprint : Springer, ,
                      2015

   ISBN   3-319-27261-6

   Edizione   [1st ed. 2015.]

   Descrizione fisica 1 online resource (XIX, 566 p. 224 illus.)

   Collana   Theoretical Computer Science and General Issues, , 2512-2029 ; ; 9411

   Disciplina   006.6

   Soggetti   Algorithms
                      Computer science—Mathematics
                      Discrete mathematics
                      Computer graphics
                      Artificial intelligence
                      Application software
                      Discrete Mathematics in Computer Science
                      Computer Graphics
                      Artificial Intelligence
                      Computer and Information Systems Applications

   Lingua di pubblicazione   Inglese

   Formato   Materiale a stampa

   Livello bibliografico   Monografia

   Note generali   Bibliographic Level Mode of Issuance: Monograph

   Nota di contenuto Large and Dynamic Graphs -- Crossing Numbers -- Experiments --
                      Area, Bends, Crossings -- Intersection Representations -- Applications
                      -- Drawings with Crossings -- Polygons and Convexity -- Drawing
                      Graphs on Point Sets -- Contact Representations -- User Studies --
                      Graph Drawing Contest -- Graduate Workshop Report -- Posters.

   Sommario/riassunto This book constitutes the proceedings of the 23rd International
                      Symposium on Graph Drawing and Network Visualization, GD 2015,
                      held in Los Angeles, Ca, USA, in September 2015. The 35 full papers
                      presented together with 7 short papers and 8 posters in this volume
                      were carefully reviewed and selected from 77 submissions. Graph
                      Drawing is concerned with the geometric representation of graphs and
                      constitutes the algorithmic core of Network Visualization. Graph

Drawing and Network Visualization are motivated by applications where it is crucial to visually analyze and interact with relational datasets. Examples of such application areas include social sciences, Internet and Web computing, information systems, computational biology, networking, VLSI circuit design, and software engineering. This year the Steering Committee of GD decided to extend the name of the conference from the "International Symposium on Graph Drawing" to the "International Symposium on Graph Drawing and Network Visualization" in order to better emphasize the dual focus of the conference on combinatorial and algorithmic aspects as well as the design of network visualization systems and interfaces.