

1. Record Nr.	UNINA9910503002303321
Titolo	Diagrammatic representation and inference : 12th international conference, Diagrams 2021, virtual, September 28-30, 2021, proceedings / / edited by Amrita Basu [and five others]
Pubbl/distr/stampa	Cham, Switzerland : , : Springer, , [2021] ©2021
ISBN	3-030-86062-0
Descrizione fisica	1 online resource (570 pages)
Collana	Lecture Notes in Computer Science ; ; v.12909
Disciplina	006.6
Soggetti	Graphic methods Visual communication
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	Intro -- Preface -- Organization -- Abstracts of Keynotes -- A Philosophical View of Fundamental Properties of Diagrams -- Why and How Should We Draw to Learn -- Learning from Visual Displays: Processes and Interventions -- Diagrams and Dicsigns: The Interrelations of Peirce's Doctrines of Propositions and Diagrammatical Reasoning -- Contents -- Design of Concrete Diagrams -- Aesthetics and Ordering in Stacked Area Charts -- 1 Introduction -- 2 Related Work -- 3 Aesthetic Criteria for Stacked Area Charts -- 3.1 Flatness: Minimising Wiggle -- 3.2 Straightness: Minimising Bumps -- 3.3 Continuity: Minimising Broken Layers -- 3.4 Significance: Minimising the Influence of Thin Layers -- 3.5 Choosing One or More Representative Lines -- 4 Ordering Layers -- 4.1 Objective Function -- 4.2 Optimisation Procedure -- 5 Benchmarking -- 6 Conclusion -- References -- Interactive, Orthogonal Hyperedge Routing in Schematic Diagrams Assisted by Layout Automatism -- 1 Introduction -- 2 Related Work -- 3 Interactive Routing of Hyperedges -- 4 Automatic Routing Considering Manual Changes -- 5 Conclusion -- References -- Evidence of Chunking in a Simple Drawing Task -- 1 Introduction -- 2 Sample Analysis: Inferring Potential Chunks from Pauses -- 3 Discussion -- References -- Theory of Diagrams -- Considerations in Representation Selection for Problem Solving: A Review -- 1

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