Record Nr. UNINA9910465137403321 Seeing spatial form [[electronic resource] /] / edited by Michael R.M. **Titolo** Jenkin, Laurence R. Harris Pubbl/distr/stampa Oxford;; New York,: Oxford University Press, 2006 **ISBN** 1-280-84384-5 0-19-534670-X 1-4237-7559-7 Descrizione fisica 1 online resource (464 p.) Altri autori (Persone) ReganD <1935-> (David) JenkinMichael <1959-> HarrisLaurence <1953-> Disciplina 152.14 Soggetti Form perception Space perception Electronic books. Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia "This book is in appreciation of the contributions of David Martin Note generali Regan"--Pref. Includes bibliographical references and indexes. Nota di bibliografia "Selected publications of David Regan": p. 405-419. Contents; Contributors; 1 Seeing Spatial Form; 1.1 Processing by the Nota di contenuto Brain; 1.2 The Structure of This Book; I: Form Vision; 2 Pictorial Relief; 2.1 Introduction; 2.2 Some History; 2.3 Psychophysics: Methods; 2.4 Findings; 2.5 Geometry of Pictorial Space; 2.6 What Next?; 3 Geometry and Spatial Vision; 4 The Inputs to Global Form Detection; 4.1 Introduction: 4.2 Seeing Glass Patterns: 4.3 A Model of the Functional Architecture of Global Form Detection; 4.4 Conclusions; 5 Probability Multiplication as a New Principle in Psychophysics; 5.A1 Methods; 5.A2 Models and Theory 6 Spatial Form as Inherently Three Dimensional 6.1 Surface Representation through the Attentional Shroud; 6.2 Interpolation of Object Shape within the Generic Depth Map; 6.3 Transparency; 6.4 Object-Oriented Constraints on Surface Reconstruction; 6.5 Conclusion; II: Motion and Color; 7 White's Effect in Lightness, Color, and Motion; 7.1 Introduction; 7.2 Experiment 1. White's Effect Increases with Spatial Frequency; 7.3 Experiment 2. A Colored White's Effect Shows Both Contrast and Assimilation; 7.4 Experiment 3. Colored White's Effect: Spatial Frequency

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