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| Nota di contenuto | Contents; Contributors; 1 Seeing Spatial Form; 1.1 Processing by the 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<br>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 |

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7.5 Experiment 4. An Isotropic Brightness Illusion: ""Stuart's Rings""7.6 Experiment 5. White's Effect and Apparent Motion; 8 The Processing of Motion-Defined Form; 8.1 The Motion-Defined Letter Test; 8.2 Dissociations Between Motion-Defined Form and Simple Motion Processing; 8.3 Role of the M/Dorsal Pathways in Motion-Defined Form Processing; 8.4 Conclusions; 9 Vision in Flying, Driving, and Sport; 9.1 Introduction; 9.2 Vision in Flying; 9.3 Vision in Driving; 9.4 Vision in Sports; 9.5 Conclusions; 10 Form-from-Watercolor in Surface Perception, and Old Maps; 10.1 Introduction
10.2 General Methods 10.3 Experiment 1: How to Create Two Geographical Maps by Using One Boundary; 10.4 Experiment 2: Watercolor Effect vs. Proximity and Parallelism; 10.5 Experiment 3: Watercolor Effect vs. Good Continuation and Pragnanz; 10.6 Experiment 4: Watercolor Effect Used to Disambiguate Grouping and Figure-Ground Organization; 10.7 Experiment 5: Why Did the Old Maps Fail to Elicit Strong Long-Range Coloration Effects?; 10.8 Conclusion; III: Eye Movements; 11 The Basis of a Saccadic Decision: What We Can Learn from Visual Search and Visual Attention; 11.1 Prologue
11.2 Saccadic Decisions 11.3 Search and Optimal Search; 11.4 Saccades during Natural Visual Tasks; 11.5 Saccades and Visual Search: An Investigation of the Costs of Planning a Rational Saccade; 11.6 The Role of Attention in the Programming of Saccades; 11.7 Saccadic Decisions, Search, and Attention; 11.8 Final Comments; 12 Handling Real Forms in Real Life; IV: Neural Basis of Form Vision; 13 The Processing of Spatial Form by the Human Brain Studied by Recording the Brain's Electrical and Magnetic Responses to Visual Stimuli; 13.1 Introduction; 13.2 Human Brain Electrophysiology: The Early Days
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