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Autore	Donati, Benvenuto <1883-1950>
Titolo	Domat e vico ossia dela sistema del diritto universale / Benvenuto Donati
Pubbl/distr/stampa	Macerata : Stab. tip. Bianchini, 1923
Descrizione fisica	74 p. ; 24 cm
Collana	R. Università degli Studi di Macerata. Facoltà di Giurisprudenza
Disciplina	340.1
Locazione	FGBC
Collocazione	BUSTA 15 (12) 3 BUSTA 15 (6) 3 BUSTA 15 (7) 27
Lingua di pubblicazione	Non definito
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2. Record Nr.	UNINA9910782120803321
Autore	Indow Tarow <1923->
Titolo	The global structure of visual space [[electronic resource] /] / Tarow Indow
Pubbl/distr/stampa	River Edge, NJ, : World Scientific, c2004
ISBN	1-281-93466-6 9786611934668 981-279-477-8
Descrizione fisica	1 online resource (228 p.)
Collana	Advanced series on mathematical psychology ; ; v. 1
Disciplina	152.14
Soggetti	Visual perception - Mathematical models Space perception - Mathematical models
Lingua di pubblicazione	Inglese
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Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references (p. 201-210) and indexes.
Nota di contenuto	CONTENTS ; Foreword ; Abbreviations and Symbols ; 1. Visual Space ; 1.1 Global Structure of Visual Space ; 1.1.1 Features of VS ; 1.2 Binocular Vision ; 1.2.1 Cyclopean Vision in the Horizontal Plane of Eye-level ; 1.2.2 3-D Cyclopean Vision ; 1.2.3 Spatial Behavior 2. Luneburg Model 2.1 P- and D-alleys H-curves in the Horizontal Plane ; 2.1.1 Experiments with Stationary Points ; 2.1.2 Discrepancy between {Qi}P and {Qi}D ; 2.2 VS as a Riemannian Space of Constant Curvature ; 2.2.1 Riemannian Space of Constant Curvature ; 2.2.2 Eudclidean Map (EM) 2.2.3 Equations of P-and D-alleys H-curves in EM2 2.3 Theoretical Curves in X2 ; 2.3.1 Luneburg's Mapping Functions ; 2.3.2 Equations of P-and D-alleys and H-curves in X2 ; 2.3.3 Comments on Results of Alley Experiments ; 2.3.4 Comments on Values of-K and o 2.4 Derivations and Explanations 2.4.1 Supplementary Explanations to Sec.2.2.1

; 2.4.2 Derivations of Equations in Secs.2.2.2 and 2.2.3
 ; 3. Two Extensions of Luneburg Model ; 3.1
 Alleys on a Frontoparallel Plane ; 3.1.1
 Theoretical Equations ; 3.1.2 Experimental Results
 3.2 Direct Mapping according to Riemannian Metric
 3.2.1 Multidimensional Mapping according to Riemannian Metric
 ; 3.2.2 Experimental Results ; 3.2.3 Concluding
 Remarks to Sec.3.2 ; 4. Visual Space under
 Natural Conditions ; 4.1 The Perceived
 Sky and Ground ; 4.1.1 Bisection of the Sky
 4.1.2 The Moon Illusion

Sommario/riassunto

The space we see around us is the end product of a long series of processes: physical, physiological, and cognitive. It is a highly structured perceptual entity. In contrast to the fact that most studies of visual perception are concerned with local phenomena in this visual space, the main purpose of this book is to discuss the global structure of visual space. The physical space which surrounds us is of Euclidean structure, but its perceived image is not necessarily structured in that way. Problems such as why the sky appears as a vault and why the horizon is located at eye level are discussed.
