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Autore	Haan Edward de <1957->
Titolo	Impaired vision : how the visual world may change after brain damage / / Edward de Haan, University of Amsterdam
Pubbl/distr/stampa	Hoboken, New Jersey : , : Wiley-Blackwell, , 2019
ISBN	1-119-42393-7 1-119-42392-9 1-119-42394-5
Descrizione fisica	1 online resource (281 pages)
Classificazione	SCI089000
Disciplina	617.712
Soggetti	People with visual disabilities Brain damage Visual perception
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Machine generated contents note: Preface Chapter 1 Looking at the Brain 1.1.A Short History 1.2.The Brain 1.3. This Book and the Patients in It Chapter 2 Blind 2.1. A Blind Eye 2.2. A Blind Brain 2.3. Blind Visual Fields 2.4. Imagined Vision Chapter 3 Partially Blind 3.1. Where Is It? 3.2. Line Orientation 3.3. Seeing Stroboscopically 3.4. Shapelessness 3.5. A Black-and-White World 3.6. Rough and Matte or Smooth and Glossy Chapter 4 Looking but Not Seeing 4.1. Wavelength Without Color 4.2. Day or Night? 4.3. Seeing Without Reading and Strange Connections 4.4. What Is That? 4.5. Lost and an Unfamiliar House 4.6. Face Failures and a Family Affair 4.7. I Can't See Why You Sound Angry and Two Swiss Ladies 4.8. Classic Syndromes of the Parietal Lobe Chapter 5 Seeing Things Differently 5.1. Bringing Color to the World 5.2. Moldy Faces and Fish Heads 5.3. Dislodged Vision 5.4. Repetitive Vision 5.5. Lost Feelings Chapter 6 Seeing What Is Not There 6.1. Bright Sparks 6.2. Lively Perception in Poor Vision 6.3. Filling in the Empty Spaces 6.4. Neglected but Not Forgotten 6.5. Electrified Perceptions 6.6. Hallucinations Resulting from Degenerative Disease 6.7. Visual Hallucinations in Psychiatric Conditions 6.8. Strange Desires Chapter 7 Knowing the Unseen 7.1. Sight Unseen 7.2. Split Brain 7.3. Pointing in

	the Right Direction 7.4. Vision Without Awareness 7.5. Ignored but Not Forgotten Chapter 8 Oblivion 8.1. Seneca's Trouble 8.2. Anosognosia 8.3. Neglect Revisited 8.4. Lost Colors 8.5. My Oil Paintings 8.6. Forgetting Your Amnesia Chapter 9 Vision 9.1. Scope of the Visual Brain 9.2. Stages of Vision 9.3. Damage, Deficits, Distortions, and Delusions 9.4. Consciousness 9.5. Looking Back.
Sommario/riassunto	"An unprecedented book that discusses a decades long journey of understanding vision and visual impairment through working with patients with brain damage Edward de Haan, a noted clinical vision researcher for the last 35 years, explains how the healthy brain deals with visual information and reveals how he learned to appreciate what it means to be visually impaired. Through discussions of fascinating case studies, he shows that visual deficits are individually unique. Some patients perceive the world without color, some see objects in a distorted manner, whilst others will claim that they can still see although they are demonstrably blind. The author details his experiences with these patients to demonstrate the manner in which patient work is a unique and vital part of discovering how the brain processes visual information. In doing so, Impaired Vision offers a review of the clinical symptoms related to visual impairment and highlights that the patient study method has not lost any of its relevance in our increasingly high-tech world. This important book: Explores the various clinical phenomena in visual impairment after brain damage Demonstrates the effectiveness of the patient study method for understanding visual deficits after brain damage Contains comprehensive coverage of the variety of symptoms that are manifest in patients with visual impairment Includes compelling case studies of visually impaired patients Written for a general audience but of interest for students, researchers and clinicians, Impaired Vision contains fascinating case studies that offer an understanding of the symptoms that are associated with visuals deficits of brain damage"-- "We now have modern research techniques to probe the function of different structures in the brain. Micro-electrodes allow us to register the activation of individual neurons in response to specific types of visual stimulation in the brains of animals. The more recently developed techniques of electroencephalogram and magnetic resonance scanning can show us where and when the human brain is active under well-specified circumstances. Nobody denies that these new research methods are extremely informative and promising. However, the sound foundation of our knowledge about the visual brain is firmly based in the study of the effects of brain damage. This book endeavors to be a showcase for the "lesion-method" for studying vision, which demonstrates how the healthy brain deals with visual information"--

2. Record Nr. UNISA996466228503316

Titolo	Application and Theory of Petri Nets and Concurrency [[electronic resource]] : 38th International Conference, PETRI NETS 2017, Zaragoza, Spain, June 25–30, 2017, Proceedings / / edited by Wil van der Aalst, Eike Best
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ISBN	3-319-57861-8
Edizione	[1st ed. 2017.]
Descrizione fisica	1 online resource (XIV, 351 p. 136 illus.)
Collana	Theoretical Computer Science and General Issues, , 2512-2029 ; ; 10258
Disciplina	511.35
Soggetti	Computer science Software engineering Computer simulation Machine theory Artificial intelligence Computer Science Logic and Foundations of Programming Software Engineering Computer Modelling Formal Languages and Automata Theory Artificial Intelligence
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Distinguished Carl Adam Petri Lecture -- Simulation of Colored Petri Nets -- Petri Net Tools -- Model Checking -- Liveness and Opacity -- Stochastic Petri Nets -- Specific Net Classes -- Petri Nets for Pathways.
Sommario/riassunto	This book constitutes the proceedings of the 38th International Conference on Application and Theory of Petri Nets and Concurrency, PETRI NETS 2017, held in Zaragoza, Spain, in June 2017. Petri Nets 2017 is co-located with the Application of Concurrency to System Design Conference, ACSD 2017. The 16 papers, 9 theory papers, 4 application papers, and 3 tool papers, with 1 short abstract and 3 extended abstracts of invited talks presented together in this volume

were carefully reviewed and selected from 33 submissions. The focus of the conference is on following topics: Simulation of Colored Petri Nets, Petri Net Tools.- Model Checking, Liveness and Opacity, Stochastic Petri Nets, Specific Net Classes, and Petri Nets for Pathways.