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Pubbl/distr/stampa	Amsterdam ; ; Oxford, : Elsevier, 2007
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Altri autori (Persone)	Van GompelRoger P. G
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Note generali	Description based upon print version of record.
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Nota di contenuto	Front Cover; Eye Movements: A Window on Mind and Brain; Copyright Page; Table of Contents; Preface; List of Contributors; Reviewers; Chapter 1 Eye-Movement Research: An Overview of Current and Past Developments; Abstract; 1. Overview of the parts in this book; 2. Questionnaire study and journal database search; 3. Conclusions; References; PART 1: HISTORY OF EYE-MOVEMENT RESEARCH; Chapter 2 Scanning the Seen: Vision and the Origins of Eye-Movement Research; Abstract; 1. Visual vertigo; 2. Torsion; 3. Eye movements during reading; 4. Eye movements over patterns; 5. Conclusion; References Chapter 3 Eye Movement Research in the 1950sAbstract; 1. Change in mindset; 2. Micronystagmus; 3. Systems theory; 4. Limitations to the approach; References; Chapter 4 Fixation Strategies During Active Behaviour: A Brief History; Abstract; 1. Introduction: before 1990; 2. The block copying task of Dana Ballard: Two useful maxims; 3. Everyday life tasks: making tea and sandwiches; 4. Ball games; 5. Driving; 6. Conclusions; References; PART 2: PHYSIOLOGY AND CLINICAL STUDIES OF EYE MOVEMENTS; Chapter 5 Using Eye Movements to Probe Development and Dysfunction; Abstract; 1. Introduction 2. Overview of brain areas involved in saccade control3. Saccadic eye- movement tasks; 4. Accumulator models describe reaction times; 5.

Normal Development; 6. Eye-Movement Abnormalities in clinical studies; 7. Attention Deficit Hyperactivity Disorder; 8. Parkinson's disease; 9. Tourette Syndrome; 10. Delayed saccade task; 11. Conclusions; Appendix A; References; Chapter 6 Anti-Saccade Task Performance is Dependent Upon Bold Activation Prior to Stimulus Presentation: An fMRI Study in Human Subjects; Abstract; 1. Methods; 2. Results; 3. Discussion; References

Chapter 7 Commutative Eye Rotations in Congenital Nystagmus Abstract; 1. Listing's law; 2. Muscle pulleys; 3. Commutative eye movements and ocular motor instabilities; 4. Methods; 5. Results; 6. Discussion; Acknowledgement; References; PART 3: TRANSSACCADIC INTEGRATION; Chapter 8 Transsaccadic Recognition in Scene Exploration; Abstract; 1. Introduction; 2. The power of single-shot perception; 3. Transsaccadic information integration in scene exploration: The Pit and the Pendulum; 4. Some new data: Transsaccadic object recognition in scenes

5. Conclusion: Time to put a transsaccadic theory of recognition on the agenda Acknowledgement; References; Chapter 9 How Postsaccadic Visual Structure Affects the Detection of Intrassaccadic Target Displacements; Abstract; 1. Experiment 1; 2. Experiment 2; 3. Experiment 3; 4. Experiment 4; 5. General discussion; Acknowledgements; References; Chapter 10 Transsaccadic Memory: Building a Stable World from Glance to Glance; Abstract; 1. Introduction; 2. Combining basic visual information across saccades; 3. Transsaccadic accumulation of memory for natural scenes

4. The cost of transsaccadic integration

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## Sommario/riassunto

Eye-movement recording has become the method of choice in a wide variety of disciplines investigating how the mind and brain work. This volume brings together recent, high-quality eye-movement research from many different disciplines and, in doing so, presents a comprehensive overview of the state-of-the-art in eye-movement research. Sections include the history of eye-movement research, physiological and clinical studies of eye movements, transsaccadic integration, computational modelling of eye movements, reading, spoken language processing, attention and scene perception, and eye-

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2.	<b>Record Nr.</b>	UNIORUON00035316
	<b>Titolo</b>	The Chinese and Japanese Repository of facts and Events in Science, History and Art relating to Eastern Asia / edited by the Rev. James Summers 1(1863/64) - Nendeln : Kraus Reprint, 1967- 3 v. ; 23 cm Mensile
	<b>Pubbl/distr/stampa</b>	Riproduzione facsimilare. - Ed. orig. : Tokyo, 1863/64 -
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	<b>Lingua di pubblicazione</b>	Inglese
	<b>Formato</b>	Materiale a stampa
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	<b>Descrizione fisica</b>	1 online resource
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