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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
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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 Intrasaccadic 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

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-
