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Nota di contenuto	Contents; Contributors; Part I: Basic Concepts of Stable Vision and Gaze; 1. Afferent and Efferent Contributions to Knowledge of Eye Position; 2. Perceptual Influences of the Extraretinal Signals for Normal Eye Movements and Infantile Nystagmus; 3. Perception with Unstable Fixation; 4. Internal and External Influences on Foveation and Perception in Infantile Nystagmus Syndrome; 5. Perceptual Fading during Voluntary and Involuntary Eye Movements; Part II: New Models and Techniques for Studying Gaze Stability; 6. Alternating Saccades in a Primate Model of Strabismus 7. Effects of Cerebellar Lesions in Monkeys on Gaze Stability8. Development of Visual Stabilization Devices with Applications for Acquired and Infantile Nystagmus; 9. Pupil Abnormalities of the Near Response in Children with Visual Display Terminal Syndrome; Part III: New Therapies for Congenital Nystagmus; 10. Genetics and

Pharmacological Treatment of Nystagmus: A Review of the Literature and Recent Findings; 11. New Treatments for Infantile and Other Forms of Nystagmus

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23. Neuromuscular Junction Dysfunction in Miller Fisher Syndrome; 24. Involuntary Version-Vergence Nystagmus Induced by Ground-Plane Optic Flow: Analysis of Dynamic Characteristics of Nystagmus Quick Phases; 25. The Neuro-ophthalmologic Complications of Chiropractic Manipulation; 26. Vergence Hysteresis in Infantile Nystagmus; 27. Using Wavelet Analysis to Evaluate Effects of Eye and Head Movements on Ocular Oscillations; 28. Multifocal Electroretinographic Study of Patients with Oculocutaneous Albinism and Infantile Nystagmus Syndrome; Index; Author Index; Subject Index

Sommario/riassunto

This volume brings together work from leading researchers in the fields of developmental disorders of binocular vision, strabismus, and both infantile and acquired forms of nystagmus. It contains four sections. The first section, Basic Concepts of Stable Vision and Gaze, deals with psychophysical aspects of infantile forms of nystagmus and the relative contributions of extraocular proprioception and efference (corollary discharge). It also contains an accessible review of current notions of spatial and temporal visual functions and spatial constancy in infantile nystagmus syndrome and latent n
