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Altri autori (Persone)	AndersonDominic P
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Nota di contenuto	Eye movements in non-visual cognition / Dragana Micic, Howard Ehrlichman -- Eye movements in congenital nystagmus and oculomotor systems alterations / Pasquarello Giulio ... [et al.] -- Fixational eye movements and ocular aberrometry / Justo Arines Piferrer -- Eye-movement patterns in hemispatial neglect / Sergio Chieffi ... [et al.] -- Eye-gaze input system based on image analysis under natural light / Kiyohiko Abe, Shoichi Ohi, Minoru Ohyama -- What we see and where we look : bottom-up and top-down / Laura Perez Zapata, Maria Sole Puig, Hans Super -- Characterizing eye movements for performance evaluation of software review / Hidetake Uwano -- The ontogenetic hypothesis of rapid eye movement sleep function revisited / James P. Shaffery, Howard Roffwarg -- Behavioral elements during face processing : eye and head movement activity and their connection to physiological arousal / Andreas Altorfer ... [et al.]
Sommario/riassunto	Eye movements are a key factor in human vision. During steady state fixation where the visual attention is voluntarily centered on a fixation stimulus, the eye shows involuntary small movements that exhibit an erratic trajectory. This new book describes fixational eye movements, their mathematical models, and the factors that affect fixation. Also explored, herein, is Congenital Nystagmus, which is one of the diseases that affect binocular vision, reducing the visual quality of a subject, saccadic eye movements, eye movement patterns in hemispatial neglect and eye-gaze input systems used by people with severe disabilities.

