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Autore	Bharath A. A (Anil Anthony)
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Altri autori (Persone)	PetrouMaria
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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	pt. 1. The physiology and neuronal modeling -- pt. 2. The mathematics of vision -- pt. 3. Hardware technologies for vision.
Sommario/riassunto	This interdisciplinary work brings you to the cutting edge of emerging technologies inspired by human sight, ranging from semiconductor photoreceptors based on novel organic polymers and retinomorph processing circuitry to low-powered devices that replicate spatial and temporal processing in the brain. Moreover, it is the first work of its kind that integrates the full range of physiological, engineering, and mathematical issues and advances together in a single source.