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| Autore                  | Martins Joao C (Joao Carlos)  |
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| ISBN                    | 1-282-44108-6<br>9786612441080<br>981-279-431-X   |
| Edizione                | [1st ed.]   |
| Descrizione fisica      | 1 online resource (xxiv, 246 pages) : illustrations some color  |
| Collana                 | Series on bioengineering & biomedical engineering ; ; 3   |
| Altri autori (Persone)  | SousaLeonel A (Leonel Augusto)  |
| Disciplina              | 611.84  |
| Soggetti                | Artificial vision<br>Biomedical engineering   |
| Lingua di pubblicazione | Inglese   |
| Formato                 | Materiale a stampa  |
| Livello bibliografico   | Monografia  |
| Note generali           | Description based upon print version of record.   |
| Nota di bibliografia    | Includes bibliographical references (p. 233-240) and index.   |
| Nota di contenuto       | Preface; Acknowledgments; Contents; List of Figures; List of Tables; List of Acronyms; 1. Introduction to Bioelectronic Vision; 2. The Human Visual System; 3. Characterization of the Neural Response; 4. Retina Models; 5. Neural Activity Metrics and Models Assessment; 6. Design and Implementation of Bioelectronic Vision Systems; Bibliography; Index |
| Sommario/riassunto      | This book provides a sound mathematical and technical perspective in functional and structural retina models, presents evaluation metrics to assess those models, and provides insights about the models hardware implementation.   |