1. Record Nr. UNINA9910144554403321

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| Titolo | Higher-order processing in the visual system [[electronic resource]] |
| Pubbl/distr/stampa | Chichester ; ; New York, : Wiley, 1995 |
| ISBN | 1-282-12243-6<br>9786612122439<br>0-470-51461-2<br>0-470-51462-0 |
| Descrizione fisica | 1 online resource (358 p.) |
| Collana | Ciba Foundation symposium ; ; 184 |
| Altri autori (Persone) | BockGregory<br>GoodeJamie |
| Disciplina | 599.01823<br>612.84 |
| Soggetti | Visual cortex - Physiology<br>Visual perception<br>Higher nervous activity<br>Electronic books. |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| Note generali | Proceedings of Symposium on Higher-Order Processing in the Visual System held at the CIBA Foundation, London, Oct. 19-21, 1993. Editors, Gregory R. Bock and Jamie A. Goode. |
| Nota di bibliografia | Includes bibliographical references and index. |
| Nota di contenuto | HIGHERlORDER PROCESSING IN THE VISUAL SYSTEM; Contents; Participants; Introduction; Physiology, morphology and spatial densities of identified ganglion cell types in primate retina; Circuitry, architecture and functional dynamics of visual cortex; General discussion I; Linearity and non-linearity in cortical receptive tields; Non-linear dynamics of columns of cat visual cortex revealed by simulation and experiment; Computational analysis of early visual mechanisms; General discussion I I; The role of features in structuring visual images<br>From filters to features: location, orientation, contrast and blurCollator units: second-stage orientational f i Iters; Non-Fourier motion analysis; Implications of motion detection for ear I y non-l i near i t ies; The role of second-order motion signals in coherence and transparency; Common properties of visual seg men tat ion; General discussion I I I; A computational model for shape from texture; Full-wave and half-wave |

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| | processes in second-order motion and texture; Non-linearities in texture segregation; Final discussion; Index of contributors; Subject index |
| Sommario/riassunto | Foremost neurophysiologists and psychophysicists provide pertinent information on the nature of representation at the earliest stages as this will constrain the disposition of all subsequent processing. This processing is discussed in several different types of visual perception. |

2. Record Nr. UNISALENTO991003514519707536

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| Autore | Conference on Membrane Biophysics : Physical Methods in the Study of Biophysical Systems <3rd ; 1982 ; University of Mississippi> |
| Titolo | Membrane biophysics II : physical methods in the study of epithelia : proceedings of the third Conference on Membrane Biophysics Physical Methods in the Study of Biophysical Systems / sponsored by the Office of Naval Research, Department of the Navy and the University of Mississippi, held in Oxford, Mississippi, November 16-20, 1982 ; editors, Mumtaz A. Dinno, Arthur B. Callahan, Thomas C. Rozzell |
| Pubbl/distr/stampa | New York : Alan R. Liss, c1983 |
| ISBN | 0845101269 |
| Descrizione fisica | xvi, 372 p. : ill. ; 24 cm |
| Collana | Progress in clinical and biological research ; 126 |
| Altri autori (Persone) | Dinno, Mumtaz A.<br>Callahan, Arthur<br>Rozzell, Thomas C. |
| Altri autori (Enti) | United States Office of Naval Research<br>University of Mississippi |
| Disciplina | 571.64 |
| Soggetti | Biological transport, Active - Congresses<br>Biophysics - Congresses<br>Biophysics - Methods - Congresses<br>Cell membranes - Congresses<br>Epithelium - Congresses<br>Epithelium - Cytology - Congresses<br>Epithelium - Physiology - Congresses |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| Note generali | Includes bibliographies and index |

3. Record Nr. UNINA9910595077103321

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| Autore | Imre Attila R |
| Titolo | Seasonal Energy Storage with Power-to-Methane Technology |
| Pubbl/distr/stampa | Basel, : MDPI Books, 2022 |
| Descrizione fisica | 1 electronic resource (146 p.) |
| Soggetti | Technology: general issues<br>History of engineering & technology |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| Sommario/riassunto | For a sustainable future, the need to use renewable sources to produce electricity is inevitable. Some of these sources—particularly the widely available solar power—are weather-dependent; therefore, utility-scale energy storage will be more and more important. These solar and wind power fluctuations range from minutes (passing cloud) to whole seasons (winter/summer differences). Short-term storage can be solved (at least theoretically) with batteries; however, seasonal storage—due to the amount of storable energy and the self-discharging of some storage methods—is still a challenge to be solved in the near future. We believe that biological Power-to-Methane technology—especially combined with biogas refinement—will be a significant player in the energy storage market within less than a decade. The technology produces high-purity methane, which can be considered—by using green energy and carbon dioxide of biological origin—as a Renewable Natural Gas, or RNG. The ease of storage and use of methane, as well as the effective carbon-freeness, can make it a competitor for batteries or hydrogen-based storage, especially for storage times exceeding several months. |