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| 1. Record Nr.           | UNINA9910464941503321   |
| Autore                  | Mercanzini Andr, ?  |
| Titolo                  | Microfabricated cortical neuroprostheses // Mercanzini, Andr,?  |
| Pubbl/distr/stampa      | [Place of publication not identified], : EPFL Press, 2011   |
| ISBN                    | 0-429-15634-0<br>1-4822-4715-1  |
| Descrizione fisica      | 1 online resource (250 p.)  |
| Collana                 | Engineering Sciences. Micro- and Nanotechnology   |
| Altri autori (Persone)  | RenaudPhilippe  |
| Disciplina              | 617.480592  |
| Soggetti                | Prosthesis<br>Foreign-body reaction<br>Implants, Artificial<br>Tissue engineering<br>Neural stimulation<br>Electronic books.  |
| Lingua di pubblicazione | Non definito  |
| Formato                 | Materiale a stampa  |
| Livello bibliografico   | Monografia  |
| Note generali           | Title from content provider.  |
| Nota di bibliografia    | Includes bibliographical references at the end of each chapters.  |
| Nota di contenuto       | Front Cover; Table of contents; CHAPTER 1: Introduction; CHAPTER 2: Microfabrication Techniques for Neuroprostheses; CHAPTER 3: Neural Recording and Stimulation; CHAPTER 4: in vivo Electrical Impedance Spectroscopy; CHAPTER 5: Controlled Release Drug Coatings; CHAPTER 6: Conclusion; Back Cover  |
| Sommario/riassunto      | The use of neural implants for stimulation and recording show excellent promise in restoring certain functions to the central nervous system; and neuroprostheses remains one of the most important tools of neuroscientists for the elucidation of the brain's function. Ailments such as Parkinson's disease, obesity, blindness, and epilepsy are being studied from this angle. Development of better electrodes for recording and stimulation is therefore critical to ensure continuing progress in this field.This book addresses one of the main clinical complications with the use of electrodes, n |

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| 2. Record Nr.           | UNISALENTO991002539949707536  |
| Autore                  | Guido, Marco  |
| Titolo                  | Basi di Gröbner e applicazioni. Tesi di laurea triennale / laureando<br>Marco Guido ; relatore Rocco Chirivì  |
| Pubbl/distr/stampa      | Lecce : Università del Salento. Facoltà di Scienze MM. FF. NN. Corso di<br>Laurea in Matematica, a.a. 2012-13 |
| Descrizione fisica      | 27 p. ; 30 cm   |
| Classificazione         | AMS 13P10<br>AMS 13E05<br>AMS 13P25<br>AMS 13D02  |
| Altri autori (Persone)  | Chirivì, Rocco  |
| Soggetti                | Gröbner bases   |
| Lingua di pubblicazione | Italiano  |
| Formato                 | Materiale a stampa  |
| Livello bibliografico   | Monografia  |