Record Nr. UNINA9910316449703321 Autore MacKellar Calum Titolo Cyborg mind: what brain-computer and mind-cyberspace interfaces mean for cyberneuroethics / / edited by Calum MacKellar Berghahn Books, 2017 Pubbl/distr/stampa New York:,: Berghahn Books,, [2019] **ISBN** 1-78920-111-X 1-78920-015-6 Descrizione fisica 1 online resource (vii, 254 pages) Disciplina 612.80285 Soggetti Brain-computer interfaces Human-computer interaction Cybernetics - Moral and ethical aspects Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Nota di bibliografia Includes bibliographical references and index. Nota di contenuto Introduction -- Why use the term cyberneuroethics? -- Popular understanding of neuronal interfaces -- Presentation of the brain/mind interface -- Neuronal interface systems -- Cyberneuroethics --Neuronal interfaces and policy -- Conclusion -- Appendix: SCHB recommendations on cyberneuroethics. Should people hardwire computers into their brains, enabling their Sommario/riassunto minds to directly access cyberspace? What advantages and risks would this represent? Would this create a new humanity? These questions have been considered and discussed in science fiction for decades, but technology is beginning to make such developments seem remarkably plausible. This book examines what is currently taking place in this fast-developing sector of society while looking at future prospects. In so doing it seeks to integrate technological and scientific developments, political debate as well as philosophical interrogation while involving ethicists, policy makers, journalists, and practitioners. It is the first extensive study on a topic that is certain to significantly

impact the 21st century and beyond. It opens the first door to this

important debate.