

1. Record Nr.	UNISA996552346603316
Autore	McGuire Coreen
Titolo	Measuring difference, numbering normal : setting the standards for disability in the interwar period/ / Coreen McGuire
Pubbl/distr/stampa	Manchester, UK : , : Manchester University Press, , 2020 ©2020
Descrizione fisica	1 online resource (iv, 233 pages) : illustrations (black and white); digital file(s)
Collana	Disability history
Disciplina	362.409042
Soggetti	People with disabilities - History - 20th century Sociology of disability Social & Cultural History MEDICAL - History
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	1. Numbering normal -- 2 Measuring disability -- 3. The artificial ear and the disability data gap -- 4. The audiometer and the medicalization of hearing loss -- 5. The spirometer and the normal subjects -- 6. The respirator and the mechanization of normal breathing -- 7. Measuring ourselves -- Bibliography -- Index.
Sommario/riassunto	Measuring difference, numbering normal provides a detailed study of the technological construction of disability by examining how the audiometer and spirometer were used to create numerical proxies for invisible and inarticulable experiences. Measurements, and their manipulation, have been underestimated as crucial historical forces motivating and guiding the way we think about disability. Using measurement technology as a lens, this book draws together several existing discussions on disability, healthcare, medical practice, embodiment and emerging medical and scientific technologies at the turn of the twentieth century. As such, this work connects several important and usually separate academic subject areas and historical specialisms. The standards embedded in instrumentation created strict but ultimately arbitrary thresholds of normalcy and abnormalcy.

Considering these standards from a long historical perspective reveals how these dividing lines shifted when pushed. The central thesis of this book is that health measurements are given artificial authority if they are particularly amenable to calculability and easy measurement. These measurement processes were perpetuated and perfected in the interwar years in Britain as the previously invisible limits of the body were made visible and measurable. Determination to consider body processes as quantifiable was driven by the need to compensate for disability occasioned by warfare or industry. This focus thus draws attention to the biopower associated with systems, which has emerged as a central area of concern for modern healthcare in the second decade of the twenty-first century.

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2. Record Nr.	UNINA990005113410403321
Autore	Gregorius Magister <12./13. saec.>
Titolo	Narracio de mirabilibus urbis Rome / magister Gregorius ; éditée par R. B. C. Huygens
Pubbl/distr/stampa	Leiden, : E.J. Brill, 1970
Descrizione fisica	44 p. ; 20 cm
Collana	Textus minores ; 42
Disciplina	937.6
Locazione	FLFBC
Collocazione	OPUSC. 43 (006)
Lingua di pubblicazione	Francese Latino
Formato	Materiale a stampa
Livello bibliografico	Monografia

3. Record Nr.	UNINA9910349441703321
Autore	Clement Claude
Titolo	Brain-Computer Interface Technologies : Accelerating Neuro-Technology for Human Benefit / / by Claude Clément
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2019
ISBN	9783030278526
Edizione	[1st ed. 2019.]
Descrizione fisica	1 online resource (XVIII, 281 p. 150 illus., 119 illus. in color.)
Disciplina	610.28 612.80285
Soggetti	Biomedical engineering Neurosciences Neurobiology User interfaces (Computer systems) Biomedical Engineering/Biotechnology Biomedical Engineering and Bioengineering User Interfaces and Human Computer Interaction
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Foreword -- Introduction -- From Concept to Patients -- Targets of Neuro-Technologies -- The human body: a special environment -- Below and above the neck -- Pioneers -- Doers -- New technologies -- Dreamers -- Is it worth the effort? -- Conclusions.
Sommario/riassunto	This book is about the field of brain-computer interfaces (BCI) and the unique and special environment of active implants that electrically interface with the brain, spinal cord, peripheral nerves, and organs. At the heart of the book is the matter of repairing and rehabilitating patients suffering from severe neurologic impairments, from paralysis to movement disorders and epilepsy, that often requires an invasive solution based on an implanted device. Past achievements, current work, and future perspectives of BCI and other interactions between medical devices and the human nervous system are described in detail from a pragmatic point of view. Reviews the Active Implantable Medical Devices (AIMDs) industry and how it is moving from cardiac to neuro

applications Clear, easy to read, presentation of the field of neuro-  
technologies for human benefit Provides easy to understand  
explanations about the technical limitations, the physics of implants in  
the human body, and realistic long terms perspectives.

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