1.	Record Nr.	UNISA990001411770203316
	Autore	CIARLETTA, Nicola
	Titolo	Agnus volontario : giustizia è carità / Nicola Ciarletta
	Pubbl/distr/stampa	Roma : Bulzoni, 1974
	Descrizione fisica	430 p. ; 20 cm
	Collana	L' uomo e la società ; 36
	Disciplina	171
	Soggetti	Etica - Teorie
	Collocazione	XVII A. 164
	Lingua di pubblicazione	Italiano
	Formato	Materiale a stampa
	Livello bibliografico	Monografia

2.	Record Nr.	UNINA9910688474003321
	Titolo	New frontiers in brain computer interfaces / / edited by Nawaz Mohamudally, Manish Putteeraj, Seyyed Abed Hosseini
	Pubbl/distr/stampa	London : , : IntechOpen, , 2020
	Descrizione fisica	1 online resource (142 pages)
	Disciplina	616.8047547
	Soggetti	Brain-computer interfaces
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Nota di contenuto	1. Introductory Chapter: The "DNA Model" of Neurosciences and Computer Systems -- 2. Near-Infrared Optical Technologies in Brain-Computer Interface Systems -- 3. Speech Enhancement Using an Iterative Posterior NMF -- 4. A Self-Paced Two-State Mental Task-Based Brain-Computer Interface with Few EEG Channels -- 5. Neural

Signaling and Communication -- 6. Integration of Spiking Neural Networks for Understanding Interval Timing -- 7. Introducing a Novel Approach to Study the Construction and Function of Memory in Human Beings: The Meshk Theory.

Sommario/riassunto	Brain-Computer Interface (BCI) sounds comparable to plugging a USB cable into a human brain with a laptop and accessing brain information. However, it is not as simple as it sounds. BCI is a multidisciplinary discipline with an exponential progress parallel to and with Artificial Intelligence for the past decades. Initially started with the Electroencephalography (EEG) analysis, BCI offers practical applications for cortical physiology today. Although BCI outcomes are more perceptible in medicine such as cognitive assessment, neurofeedback, and neuroprosthetic implants, it opens up amazing avenues for the business community through machine learning and robotics. Thought-to-text is one example of a hot topic in BCI. So, it is quite predictable to see BCI for individual usage given the current affordability of platforms for less technologically savvy users as well as BCI integrated within office automation productivity tools. The current trend is towards vulgarization for businesses benefits, by extension to the society at large. Thus, the interest in preparing a book on BCI. This book aims to compile and disseminate the latest research findings and best practices on how BCI is expanding the frontiers of knowledge in clinical practices, on the brain itself, and the underlying technologies.