1. Record Nr. UNISA996465662703316

Titolo	Machine Learning in Medical Imaging [[electronic resource]] : 7th International Workshop, MLMI 2016, Held in Conjunction with MICCAI 2016, Athens, Greece, October 17, 2016, Proceedings / / edited by Li Wang, Ehsan Adeli, Qian Wang, Yinghuan Shi, Heung-Il Suk
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2016
ISBN	3-319-47157-0
Edizione	[1st ed. 2016.]
Descrizione fisica	1 online resource (XIV, 324 p. 127 illus.)
Collana	Image Processing, Computer Vision, Pattern Recognition, and Graphics ; ; 10019
Disciplina	006.6
Soggetti	Optical data processing Pattern recognition Health informatics Data mining Artificial intelligence Image Processing and Computer Vision Pattern Recognition Health Informatics Data Mining and Knowledge Discovery Artificial Intelligence
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Sommario/riassunto	This book constitutes the refereed proceedings of the 7th International Workshop on Machine Learning in Medical Imaging, MLMI 2016, held in conjunction with MICCAI 2016, in Athens, Greece, in October 2016. The 38 full papers presented in this volume were carefully reviewed and selected from 60 submissions. The main aim of this workshop is to help advance scientific research within the broad field of machine learning in medical imaging. The workshop focuses on major trends and challenges in this area, and presents works aimed to identify new

cutting-edge techniques and their use in medical imaging.

2. Record Nr. UNINA9910298443503321

Autore	Feldman Anatol G
Titolo	Referent control of action and perception : Challenging conventional theories in behavioral neuroscience / / by Anatol G. Feldman
Pubbl/distr/stampa	New York, NY : , : Springer New York : , : Imprint : Springer, , 2015
ISBN	1-4939-2736-1
Edizione	[1st ed. 2015.]
Descrizione fisica	1 online resource (254 p.)
Disciplina	610 612 612.8
Soggetti	Neurosciences Human physiology Human Physiology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Preamble: The meaning of the term referent control.- Running away from KGP informers to neuroscience -- Action and perception in the context of physical laws -- Referent control as a specific form of parametric control of actions: Empirical demonstrations -- Physiological origin and feed-forward nature of referent control -- Different forms of referent control -- Solutions to classical problems in the control of motor actions -- Redundancy problems -- Action-perception coupling -- Afterword: Major lessons and perspectives.
Sommario/riassunto	This book provides a long-awaited description of a classic motor control theory of action and perception – referent control. Strictly based on experimental material, this theory places action and perception in the context of physical laws to offer solutions of several classical problems in behavioral neuroscience and neurological pathologies. The author re-visits and refines many basic concepts in behavioral neuroscience, including central pattern generators, reflexes, and motor learning. Further, he provides many examples of how task-specific

referent control of action and perception can be accomplished by the nervous system. This information may help researchers design theory-driven experiments that address the question of how actions are controlled and how changes in biomechanical characteristics emerge without pre-programming. This book may be interesting to researchers, students in behavioral neurosciences as well as to a broader audience who want to know how action and perception are accomplished by the nervous system.