

1. Record Nr.	UNINA9910483138403321
Titolo	New Trends in Medical and Service Robotics : Advances in Theory and Practice // edited by Giuseppe Carbone, Marco Ceccarelli, Doina Pisla
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2019
ISBN	3-030-00329-9
Edizione	[1st ed. 2019.]
Descrizione fisica	1 online resource (319 pages) : illustrations
Collana	Mechanisms and Machine Science, , 2211-0984 ; ; 65
Disciplina	629.892
Soggetti	Control engineering Robotics Mechatronics Biomedical engineering Biomechanics Control, Robotics, Mechatronics Biomedical Engineering and Bioengineering Biomedical Engineering/Biotechnology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Papers on topics including (but not limited to): Design of medical devices -- Kinematics and Dynamics for medical robotics -- Exoskeletons and prostheses -- Anthropomorphic hands -- Therapeutic robots and rehabilitation -- Cognitive robots -- Humanoid & Service robots -- Assistive robots and elderly assistance -- Surgical robots -- Human-robot interfaces -- Haptic devices -- Medical treatments.
Sommario/riassunto	This book contains the selected papers of the Sixth International Workshop on Medical and Service Robots (MESROB 2018), held in Cassino, Italy, in 2018. The main topics of the workshop include: design of medical devices, kinematics and dynamics for medical robotics, exoskeletons and prostheses, anthropomorphic hands, therapeutic robots and rehabilitation, cognitive robots, humanoid and service robots, assistive robots and elderly assistance, surgical robots, human-robot interfaces, haptic devices, and medical treatments.

