

1. Record Nr.	UNINA9910743352703321
Autore	Phan Gia Hoang
Titolo	Bio-inspired motor control strategies for redundant and flexible manipulator with application to tooling tasks // Gia Hoang Phan, Vijender Kumar Solanki, Nguyen Ho Quang
Pubbl/distr/stampa	Singapore : , : Springer, , [2022] ©2022
ISBN	981-16-9550-4 981-16-9551-2
Descrizione fisica	1 online resource (x, 91 pages) : illustrations (some color)
Collana	SpringerBriefs in applied sciences and technology
Disciplina	610.285
Soggetti	Robotics in medicine Robots - Control systems Medical rehabilitation
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Chapter 1. Bio-inspired Motor Control Strategies for Redundant Manipulators Chapter 2. Bio-inspired Motor Control Strategies: Cable-driven Manipulator using Agonist-Antagonis actuation Chapter 3. Design and Control of 2D-Plotter Planar Parallel Robot Chapter 4. Combining 3D motion tracker with IMU sensor signals of muscles to discover macro- and micro-vibration for Stroke Rehabilitation Chapter 5. A Pneumatic Actuator-Powered Robotic Glove for Hand Rehabilitation Chapter 6. Artificial Intelligence in Rehabilitation Evaluation Based Robotic Exoskeletons: A Review