

1. Record Nr.	UNINA9910138259903321
Autore	Miripour Behnam
Titolo	Climbing and Walking Robots // edited by Behnam Miripour-Fard
Pubbl/distr/stampa	IntechOpen, 2010 Vukovar, Croatia : , : InTech, , 2010
ISBN	953-51-5887-2
Edizione	[1st ed.]
Descrizione fisica	1 online resource (518 pages)
Disciplina	629.892
Soggetti	Robotics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	<p>Nowadays robotics is one of the most dynamic fields of scientific researches. The shift of robotics researches from manufacturing to services applications is clear. During the last decades interest in studying climbing and walking robots has been increased. This increasing interest has been in many areas that most important ones of them are: mechanics, electronics, medical engineering, cybernetics, controls, and computers. Today's climbing and walking robots are a combination of manipulative, perceptive, communicative, and cognitive abilities and they are capable of performing many tasks in industrial and non- industrial environments. Surveillance, planetary exploration, emergence rescue operations, reconnaissance, petrochemical applications, construction, entertainment, personal services, intervention in severe environments, transportation, medical and etc are some applications from a very diverse application fields of climbing and walking robots. By great progress in this area of robotics it is anticipated that next generation climbing and walking robots will enhance lives and will change the way the human works, thinks and makes decisions. This book presents the state of the art achievements, recent developments, applications and future challenges of climbing and walking robots. These are presented in 24 chapters by authors throughout the world The book serves as a reference especially for the researchers who are interested in mobile robots. It also is useful for</p>

2. Record Nr.	UNINA9910704917903321
Autore	McGehee C. R.
Titolo	Design verification and fabrication of active control systems for the DAST ARW-2 high aspect ratio wing // C.R. McGehee
Pubbl/distr/stampa	Wichita, KS : , : The Boeign Co. Hampton. Virginia : , : National Aeronautics and Space Administration, Langley Research Center, , [1986]
Descrizione fisica	1 online resource (2 volumes) : illustrations
Collana	NASA contractor report ; ; 177959
Soggetti	Active control Aerodynamic configurations Automatic flight control Design analysis Fabrication High aspect ratio Proving Structural analysis Wings
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Title from title screen (viewed on Dec. 19, 2013). "January 1986." "Performing organization ... Boeing Military Airplane Company"-- Technical report page.
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	pt. 1 [Without special title] -- pt. 2. Appendices.