

1. Record Nr.	UNINA9910461405903321
Autore	Wilson William Albert <1861-1951.>
Titolo	What's true in Mormon folklore? [[electronic resource]] : the contribution of folklore to Mormon studies / by William A. Wilson
Pubbl/distr/stampa	Logan, Utah, : Special Collections and Archives, Utah State University, : Distributed by Utah State University Press, c2008
ISBN	1-283-25014-4 9786613250148 0-87421-698-2
Descrizione fisica	1 online resource (37 p.)
Collana	Leonard J. Arrington Mormon history lecture series ; ; no. 13
Disciplina	398.03
Soggetti	Mormons Mormon Church Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"September 27, 2007"--T.p.
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Introduction; What's True in Mormon Folklore?; Notes
Sommario/riassunto	The first ten lectures in Leonard J. Arrington Mormon History Lecture Series are here collected in one volume. The series, established by one of the twentieth-century West's most distinguished historians, Leonard Arrington, has become a leading forum for prominent historians to address topics related to Mormon history. The first lecturer was Arrington himself. He was followed by Richard Lyman Bushman, Richard E. Bennett, Howard R. Lamar, Claudia L. Bushman, Kenneth W. Godfrey, Jan Shipps, Donald Worster, Laurel Thatcher Ulrich, and F. Ross Peterson. Utah State University hosts

2. Record Nr.	UNINA9910483545303321
Autore	Mukherjee Joyjit
Titolo	Adaptive Robust Control for Planar Snake Robots / / by Joyjit Mukherjee, Indra Narayan Kar, Sudipto Mukherjee
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2021
ISBN	3-030-71460-8
Edizione	[1st ed. 2021.]
Descrizione fisica	1 online resource (179 pages)
Collana	Studies in Systems, Decision and Control, , 2198-4190 ; ; 363
Disciplina	629.892
Soggetti	Control engineering Robotics Automation Control, Robotics, Automation Robotic Engineering Control and Systems Theory
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Introduction -- Adaptive Sliding-Mode Control for Velocity and Head-Angle Tracking -- Time Delayed Control for Planar Snake Robots -- Adaptive Robust Time Delayed Control for Planar Snake Robots -- Differential Flatness and its Application to Snake Robots -- Modeling of in-Pipe Snake Robot Motion -- Conclusions.
Sommario/riassunto	This book shows how a conventional multi-layered approach can be used to control a snake robot on a desired path while moving on a flat surface. To achieve robustness to unknown variations in surface conditions, it explores various adaptive robust control methods. The authors propose a sliding-mode control approach designed to achieve robust maneuvering for bounded uncertainty with a known upper bound. The control is modified by addition of an adaptation law to alleviate the overestimation problem of the switching gain as well as to circumvent the requirement for knowledge regarding the bounds of uncertainty. The book works toward non-conservativeness, achieving efficient tracking in the presence of slowly varying uncertainties with a specially designed framework for time-delayed control. It shows

readers how to extract superior performance from their snake robots with an approach that allows robustness toward bounded time-delayed estimation errors. The book also demonstrates how the multi-layered control framework can be simplified by employing differential flatness for such a system. Finally, the mathematical model of a snake robot moving inside a uniform channel using only side-wall contact is discussed. The model has further been employed to demonstrate adaptive robust control design for such a motion. Using numerous illustrations and tables, *Adaptive Robust Control for Planar Snake Robots* will interest researchers, practicing engineers and postgraduate students working in the field of robotics and control systems.
