1. Record Nr. UNINA9910699576603321

Autore	Eggers Frederick J
Titolo	Combining the American Housing Survey and the American Community Survey to produce information useful in public emergency situations [[electronic resource]] : an exploratory analysis / / prepared for U.S. Dept. of Housing & Urban Development, Office of Policy and Development & Research ; prepared by Frederick J. Eggers
Pubbl/distr/stampa	[Washington, D.C.] : , : U.S. Dept. of Housing and Urban Development, Office of Policy and Development and Research, , [2009]
Descrizione fisica	1 online resource (1 volumes (various pagings)
Soggetti	Housing - United States Emergency management - United States Statistics.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Title from title screen (viewed on Feb. 23, 2011). "December 2009." "Order no. CHI-T0001."

2. Record Nr. UNINA9910484886203321

Autore	Utkin Vadim
Titolo	Road Map for Sliding Mode Control Design / / by Vadim Utkin, Alex Poznyak, Yury V. Orlov, Andrey Polyakov
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2020
ISBN	3-030-41709-3
Edizione	[1st ed. 2020.]
Descrizione fisica	1 online resource (XIV, 127 p. 35 illus., 20 illus. in color.)
Collana	SpringerBriefs in Mathematics, , 2191-8201
Disciplina	629.8
Soggetti	System theory Control theory Mathematics - Data processing Computer engineering Computer networks Electronic circuits Systems Theory, Control Computational Science and Engineering Computer Engineering and Networks Electronic Circuits and Systems
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	1 Introduction -- 2 Mathematical Methods -- 3 Design Principles -- 4. Lyapunov stability tools for sliding modes -- 5 SM observers -- 6 Chattering Problem -- 7 High Order Sliding Mode Control -- 8 Discrete-Time Systems -- 9 Adaptive SMC -- 10 SMC in Infinite-dimensional Systems -- 11 Open Problems in SMC -- 12 Conclusions.
Sommario/riassunto	This book is devoted to control of finite and infinite dimensional processes with continuous-time and discrete time control, focusing on suppression problems and new methods of adaptation applicable for systems with sliding motions only. Special mathematical methods are needed for all the listed control tasks. These methods are addressed in the initial chapters, with coverage of the definition of the multidimensional sliding modes, the derivation of the differential equations of those motions, and the existence conditions. Subsequent

chapters discusses various areas of further research. The book reflects the consensus view of the authors regarding the current status of SMC theory. It is addressed to a broad spectrum of engineers and theoreticians working in diverse areas of control theory and applications. It is well suited for use in graduate and postgraduate courses in such university programs as Electrical Engineering, Control of Nonlinear Systems, and Mechanical Engineering.