Sliding Mode in Intellectual Control and Communication:

Emerging Research and Opportunities

Vardan Mkrttchian HHH University, Australia

Ekaterina Aleshina Penza State University, Russia



Table of Contents

Forewordvii
Prefaceviii
Acknowledgmentxviii
Section 1 About Theory of Sliding Mode in Intellectual Control and Communication
Chapter 1 The Sliding Mode Technique and Technology (SM T&T) According to Vardan Mkrttchian in Intellectual Control(IC)
Chapter 2 Sliding Mode in Virtual Communications
Chapter 3 Sliding Mode in Real Communications
Section 2 Application of Results of Emerging Research and Their Opportunities
Chapter 4 Digital Control Models of Continuous Education of Persons with Disabilities Act (IDEA) and Agents in Sliding Mode
Chapter 5 Terms of Adaptive Organization of the Educational Process of Persons with Disabilities with the Use of Open and Distance Learning Technologies (Open and Distance Learning – ODL)

Chapter 6
Providing Quality Education for Persons With Disabilities Through the
Implementation of Individual Educational Programs Managed by the
Intelligent Agents in the Sliding Mode70
Chapter 7
Regulation of Discourse in Accordance With the Speech Regulation Factors
Creating Conditions for Adaptability to the Situation77
Chapter 8
Complex Social, Medical, Psychological, and Educational Support for People with Disability Act (IDEA)86
Chapter 9
Tolerance as Reflection of Sliding Mode in Psychology91
Glossary100
Related Readings104
About the Authors
Index