1. Record Nr. UNINA9910890192003321

Autore	Ziani Salim
Titolo	Proceedings of the 5th International Conference on Electrical Engineering and Control Applications–Volume 1 : ICEECA 2022, 15–17 November, Khenchela, Algeria / / edited by Salim Ziani, Mohammed Chadli, Sofiane Bououden, Ivan Zelinka
Pubbl/distr/stampa	Singapore : , : Springer Nature Singapore : , : Imprint : Springer, , 2024
ISBN	9789819700455 9819700450
Edizione	[1st ed. 2024.]
Descrizione fisica	1 online resource (614 pages)
Collana	Lecture Notes in Electrical Engineering, , 1876-1119 ; ; 1147
Altri autori (Persone)	ChadliMohammed BououdenSofiane ZelinkaIvan
Disciplina	629.8312 003
Soggetti	Automatic control Signal processing Computational intelligence Telecommunication Control and Systems Theory Signal, Speech and Image Processing Computational Intelligence Communications Engineering, Networks
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Consensus Approach Based Cooperative Guidance of a Multi-Quadrotors System -- ACO Based Optimal Integral Sliding Mode Controller Design for a New Reconfigurable Unmanned Aerial Vehicle -- Control of the Glucose Insulin Glucagon System in Type 1 Diabetes -- Trajectory Tracking Control For a Differentiel Drive Mobile Robot -- Waypoint Navigation of a Mobile Robot using IT2FLC with Wheel Slip Dynamic Modelling and Parameters Uncertainties -- Robust GPC using neural networks for phase-shifting transformers to compensate powers in a transmission line -- Robust Position and Attitude Tracking Control

of Unmanned Quadrotor -- Fuzzy Integral Sliding Mode Control of a Hyperdynamic Golf Swing Robot -- Continuous Joint Movements and Torques Estimation Using An Optimized State-Space EMG Model -- Application of Synergetic Technique in Sensorless Induction Motor drive based MRAS Method -- Passivity-based Sliding Mode Controller Design for Quadrotor using Ant Colony Optimization -- The Picard's Iteration Method for finding feedback control of linear quadratic optimal control problems -- Terminal Synergetic Theory-Based Trajectory Tracking Control of Quadrotor with Rotating Arms Exposed to External Disturbances -- Sensorless Three-Level Direct Torque Control of a Five-Phase PMSM Using Sliding Mode Observer -- Vision-Based Modeling and Control of Quadcopter for Uncooperative Ground Mobile Target Tracking -- Linear Quadratic Regulator Control of Heating System in Office Building -- Adaptive Control design with saturation constraints for different experimental glucose models.

Sommario/riassunto

This book gathers papers presented during the 5th International Conference on Electrical Engineering and Control Applications (ICEECA 2022), held on November, 15–17, 2022, Khenchela, Algeria. It covers new control system models, troubleshooting tips, and complex system requirements, such as increased speed, precision, and remote capabilities. Additionally, the book discusses not only the engineering aspects of signal processing and various practical issues in the broad field of information transmission, but also novel technologies for communication networks and modern antenna design. The later part of the book covers important related topics such as fault diagnosis and fault-tolerant control strategies for nonlinear systems and alternative energy sources. This book is intended for researchers, engineers, and advanced postgraduate students in the fields of control and electrical engineering, computer science, signal processing, as well as mechanical and chemical engineering.

2.

Record Nr.	UNINA9910367258503321
Autore	Li Jin-Hua
Titolo	The Behavioral Ecology of the Tibetan Macaque / / edited by Jin-Hua Li, Lixing Sun, Peter M. Kappeler
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2020
ISBN	3-030-27920-0
Edizione	[1st ed. 2020.]
Descrizione fisica	1 online resource (XVI, 299 p. 93 illus., 59 illus. in color.)
Collana	Fascinating Life Sciences, , 2509-6753
Classificazione	MED089000PSY008000SCI020000SCI070010SOC002020SCI070060
Disciplina	591.5 599.82
Soggetti	Psychobiology Human behavior Physical anthropology Cognitive psychology Animal welfare - Moral and ethical aspects Animal migration Animal culture Behavioral Neuroscience Physical-Biological Anthropology Cognitive Psychology Animal Ethics Animal Migration Animal Science
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Part I: Introduction -- Chapter 1: Recent developments in primatology and their relevance to the study of Tibetan macaques -- Part II: Social Behavior and Dynamics in Tibetan Macaques -- Chapter 2: Social and Life History Strategies of Tibetan Macaques at Mt. Huangshan -- Chapter 3: Size Matters in Primate Societies: How Social Mobility Relates to Social Stability in Tibetan and Japanese Macaques -- Chapter 4: Behavioral exchange and interchange as strategies to facilitate social relationships in Tibetan macaques -- Chapter 5: Social relationships

impact collective decision-making in Tibetan macaques -- Chapter 6: Considering Social Play in Primates: A Case Study in Juvenile Tibetan Macaques (Macacathibetana) -- Chapter 7: The Vocal Repertoire of Tibetan Macaques (Macacathibetana) and Congeneric Comparisons -- Chapter 8: Tibetan Macaque Social Style: Co-variant and Quasi-independent Evolution -- Part III: Evolution of Rituals: Insights from Bridging Behavior -- Chapter 9: Preliminaryobservations of female-female bridging behavior in Tibetan macaques (Macacathibetana) at Mt. Huangshan, China -- Chapter 10: Bridging Behavior and Male-Infant Interactions in Macacathibetana and M. assamensis: Insight into the Evolution of Social Behavior in the sinica Species-group of Macaques -- Part IV: Livingwith Microbes, Parasites, and Diseases -- Chapter 11: The gut microbiome of Tibetan macaques: composition, influencing factors and function in feeding ecology -- Chapter 12: Medicinal Properties in the Diet of Tibetan Macaques at Mt. Huangshan - A Case for Self-medication -- Chapter 13: Primate infectious disease ecology: Insights and future directions at the human-macaque interface -- Part V: Emerging Technologies in Primatology -- Chapter 14: High field MRI technology for behavioral and cognitive studies in macaques in vivo.

Sommario/riassunto

This open access book summarizes the multi-disciplinary results of one of China’s main primatological research projects on the endemic Tibetan macaque (Macaca thibetana), which had continued for over 30 years, but which had never been reported on systematically. Dedicated to this exceptional Old World monkey, this book makes the work of Chinese primatologists on the social behavior, cooperation, culture, cognition, group dynamics, and emerging technologies in primate research accessible to the international scientific community. One of the most impressive Asian monkeys, and the largest member of its genus, the Tibetan macaque deserves to be better known. This volume goes a long way towards bringing this species into the spotlight with many excellent behavioral analyses from the field.- Frans de Waal, Professor of Psychology, Emory University, USA. Macaques matter. To understand primate patterns and trends, and to gain important insight into humanity, we need to augment and expand our engagement with the most successful and widespread primate genus aside from Homo. This volume focuses on the Tibetan macaque, a fascinating species with much to tell us about social behavior, physiology, complexity and the macaque knack for interfacing with humans. This book is doubly important for primatology in that beyond containing core information on this macaque species, it also reflects an effective integrated collaboration between Chinese scholars and a range of international colleagues—exactly the type of collaborative engagement primatology needs. This volume is a critical contribution to a global primatology. - Agustín Fuentes, Professor of Anthropology, University of Notre Dame, USA. I have many fond memories of my association with Mt. Huangshan research beginning in 1983, when together with Professor Qishan Wang we established this site. It is such a beautiful place and I miss it. It is gratifying to see how far research has progressed since we began work there, becoming more internationalized and very much a collaborative endeavor under the long-term direction of Professor Jin-Hua Li and colleagues. This book highlights the increased interest in this species, representing a variety of disciplines ranging from macro aspects of behavior, cognition and sociality, to micro aspects of microbes, parasites and disease, authored by a group of renowned Chinese and international primatologists. I applaud their efforts and expect more interesting work to come from this site in the years ahead.- Kazuo Wada, Professor Emeritus, Kyoto University, Japan.