1. Record Nr. UNINA9910747598503321 Autore Jia Yingmin Titolo Proceedings of 2023 Chinese Intelligent Systems Conference : Volume Pubbl/distr/stampa Singapore:,: Springer,, 2023 ©2023 **ISBN** 9789819968862 9819968860 Edizione [1st ed.] Descrizione fisica 1 online resource (850 pages) Collana Lecture Notes in Electrical Engineering Series; v.1091 Altri autori (Persone) ZhangWeicun **FuYongling** WangJiqiang Disciplina 006.3 Soggetti Electrical engineering Intelligent control systems Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Contents -- Research on Hierarchical Mechanism of Strictly Metric-Nota di contenuto Free Model Modeling and Parameter Optimization -- 1 Introduction --2 Improved Model and Differential Evolution Algorithm --2.1 Model 2.2 Model Comparison -- 2.3 Differential Evolution Expression --Algorithm -- 3 Simulation Design and Experimental Results Analysis 3.1 The Impact of Introducing the Leader Mechanism on the Swarm's Collaborative Consistency --3.2 Introduction of the Differential Evolution Algorithm in the Swarm Model -- 4 Conclusion -- References -- Analytical Study of the Nonlinear Characteristics of Hydraulic Servo Actuator -- 1 Introduction -- 2 Jet Pipe HSA Linear 2.1 Hydraulic Servo Actuator Working Model Establishment --Principle --2.2 Mathematical Model --2.3 Bond Graph Model --2.4 AMESim Simulation Model -- 3 Nonlinear Links and Models -- 4 Simulation of Nonlinear Characteristics -- 5 Conclusion --References -- Fetal Head Circumference Detection Based on Dlink-Net Model -- 1 Introduction -- 2 Methodology --2.1 Model --Improvement of Mask and Fitting -- 2.3 Loss Function -- 3

Ordinary Least Square

Sommario/riassunto

This volume is part of the Lecture Notes in Electrical Engineering series, presenting proceedings from the 2023 Chinese Intelligent Systems Conference. It covers a breadth of topics in the field of electrical engineering, including intelligent systems, control systems, avionics engineering, and cybersecurity. The book aims to support both academic research and professional training by providing insights into recent advancements and methodologies in these areas. It is intended for researchers, engineers, and students interested in the latest developments within electrical engineering disciplines.