Record Nr. UNINA9910254981103321 Proceedings of 2016 Chinese Intelligent Systems Conference: Volume I **Titolo** // edited by Yingmin Jia, Junping Du, Weicun Zhang, Hongbo Li Pubbl/distr/stampa Singapore:,: Springer Singapore:,: Imprint: Springer,, 2016 **ISBN** 981-10-2338-7 Edizione [1st ed. 2016.] 1 online resource (X, 640 p. 239 illus., 172 illus. in color.) Descrizione fisica Collana Lecture Notes in Electrical Engineering, , 1876-1100; ; 404 Disciplina 006.3 Soggetti Artificial intelligence Robotics Automation Computational intelligence Artificial Intelligence Robotics and Automation Computational Intelligence Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Includes bibliographical references at the end of each chapters. Nota di bibliografia New Decoupling Conditions for Arbitrary Systems Based on Transcale Nota di contenuto Coupling to the Time-Derivative Order -- Implementation of Intelligent Dynamic Tracking Monitoring System for Vehicle Transportation-in Hazardous Goods -- Bearing Fault Diagnosis Based On Hilbert Marginal Spectrum And Supervised Locally Linear Embedding -- Parabola-based flue gas temperature modeling and its application in BTP control of a sintering process -- Abnormal Event Detection Based on Crowd Density Distribution and Social Force Model. These proceedings present selected research papers from CISC'16, held Sommario/riassunto in Xiamen, China. The topics include Multi-agent system, Evolutionary Computation, Artificial Intelligence, Complex systems, Computation intelligence and soft computing, Intelligent control, Advanced control technology, Robotics and applications, Intelligent information processing, Iterative learning control, Machine Learning, and etc. Engineers and researchers from academia, industry, and government can get an insight view of the solutions combining ideas from multiple disciplines in the field of intelligent systems.