Advances in Artificial Intelligence and Security [:7th International Conference, ICAIS 2021, Dublin, Ireland, July 19-23, 2021, Proceedings, Part I /

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Monografía

The 3-volume set CCIS 1422, CCIS 1423 and CCIS 1424 constitutes the refereed proceedings of the 7th International Conference on Artificial Intelligence and Security, ICAIS 2021, which was held in Dublin, Ireland, in July 2021. The total of 131 full papers and 52 short papers presented in this 3-volume proceedings was carefully reviewed and selected from 1013 submissions. The papers were organized in topical sections as follows: Part I: artificial intelligence; Part II: artificial intelligence; big data; cloud computing and security internet; Part III: cloud computing and security; encryption and cybersecurity; information hiding; IoT security.

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Classrooms in Colleges and Universities -- Performance Analysis of Hard Fusion Rules in Cognitive Radio Networks over Composite Channels -- Performance Analysis of Spectrum Sensing in Cognitive Radio Networks Based on AD Goodness of Fit under Noise Uncertainty -- Research on Prediction Algorithm for Heavy Overload of Main Equipment in Distribution Network -- Review of Attention Mechanism in Electric Power Systems -- Comprehensive review of intelligent operation and maintenance of power system in China -- An Incremental Learning Method for Fault Diagnosis Based on Random Forest -- Research on Short-term Flow Forecast of Intelligent Traffic -- Research on Stock Price Forecasting Based on BP Neural Network -- Trust Computing Model of online transaction based on Social Network and Mobile Agent -- An Adaptive Momentum Term based Optimization Method for Image Restoration -- Research on Situational Awareness Security Defense of Intrusion Link Based on Data Element Characteristic Network Transmission Signal -- Research on Proofreading Method of Semantic Collocation Error in Chinese.

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