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MONITORING OF MARINE ECOLOGICAL ENVIRONMENTAL DATA SECURITY AND MANAGEMENT SYSTEM BASED ON INTERNET OF THINGS

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Abstract

In order to perform the integration of marine ecological environment data, a marine ecological environment data safety monitoring management system based on the Internet of Things is designed. The association rule feature set of marine ecological environment data is obtained by establishing a block storage structure model, and then the marine ecological environment data is sampled statistically. Then, the statistical characteristics of distributed big data were extracted followed by completing the optimization of the marine ecological environment data safety monitoring management system under the system design standards. The simulation results show that the system has good feature resolution for marine ecological environment data security monitoring.

Key words: internet of things, management system, marine ecological environment data, safety monitoring

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