

## SOME FEATURES OF THE MODERN CONCEPT OF THE INTERNET OF THINGS

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### Abstract

*The analysis and directions of development of the theory and practice of developing information technology for monitoring the parameters of the surrounding air environment on the basis of the modern concept of the Internet of Things, taking into account the a priori uncertainty of information sources, are carried out. The principles of constructing technological solutions and directions for the development of systems for monitoring the environment of industrial zones are analyzed and the expediency of constructing mathematical models, methods and algorithms for communication protocols of WSN wireless communication networks with random access and corresponding monitoring information technologies to ensure high performance, quality and survivability of their functioning is substantiated.*

*Keywords: Air monitoring, industrial area, wireless data transmission system, Internet of things concept, a priori uncertainty.*

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