

Quality Management of High-Tech Products Using ISI Technologies

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key words

high-tech products, life cycle, efficiency, quality, ISI technologies

In conditions of global competition and rapid technological progress, high-tech products are becoming an important element of economic growth and innovative development. Managing the quality of such products is a critical factor that directly affects their competitiveness. Modern ISI technologies, including automated control systems, big data analysis, digital twins and machine learning, play a key role in optimizing quality management processes. However, the implementation of these technologies is accompanied by a number of difficulties that require detailed analysis and development of recommendations.

In the course of this study, an analysis of existing scientific papers has been conducted on the problems of quality management of high-tech products using intelligent manufacturing and information technologies.

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