Methodology of Innovative Manufacturing Systems Entropic Analisys

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The main task of this article consists in investigating possibilities of entropic analysis for efficacious assessment of innovative activity and quality of manufacturing system functioning.

In this article I have analyzed the use of such categories as «entropy» and «information» in economic science, innovation and industrial management. The study is based on the methods of terminological and comparative analysis as well as on specification of methods for calculating of share entropy.

As a result of theoretical and practical research in this article I offer an algorithm of manufacturing system innovative development uniformity monitoring. Research results can be used as the base of formation of manufacturing data monitoring system aimed at guaranteeing high level of innovative activity.

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