Theoretical and Methodological Problems of Constructing Identification Systems in Manufacturing

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Abstract: The paper studied the most important theoretical aspects of identification process in the industrial sector; the author formulated the requirements and conditions for the identification of basic parameters and implementation conditions. The main types of identification, most typical of industrial enterprises, as well as the main aspects of using identification results in the organization or correction of enterprise operation and its effective functioning were examined. The author explored the problems of identification in the points of bi- or polyfurcation, and the identification features in the analysis using mono- and poly-indices reflecting the system of evaluation parameters. On this basis, the concept of "identification threshold" was introduced; it defines the ratio of indicators to be taken into account in the identification to their total possible amount.