

## **Abstract of the Article**

### **"Parametric Identification of the Openness of Organizational and Economic Systems as an Object of Strategic Changes"**

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In the previous article of the author "The concept of parametric identification of information openness and market relations in the OES and the SES" it is shown that the solution of systemic problems of information openness and correctness of market relations is very actual and can be solved only with the help of systematic methods.

This article is devoted to the description of constructive systematic approach in order to estimate and identify the level of systemic openness based on a hierarchical systemic model.

This article describes a hierarchical model of estimating the level of systemic openness of some strategic change's objects. The model of estimation consists of three hierarchical levels of system openness's indicators. The systemic openness is formed by two branches of indicators (6 indicators in each branch): information maintenance of material, energy, financial and information swaps of some objects with the environment and correctness of relations under material, financial and information swaps with the environment.

The estimation of indicators is carried out by expert methods on a 10-point scale and with the help of developed criteria, adequate to objects' estimation. These quantitative values of some estimated indicators in a systematic way are displayed graphically in the coordinates "name parameter – its value in points," that allows us to obtain a complete parametric identification of the estimation's object.

The proposed and described instruments are a part of systemic instruments for estimation and parametric identification of the systemic condition of the enterprise as an open organization and economic system. The systemic instruments are intended for practical use when managing the strategic changes at the enterprise.