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FORECASTING METHODS OF ECONOMIC SECURITY SYSTEM IN FINANCIAL INSTITUTIONS

The development of market relations demonstrates that planning is a necessary prerequisite for ensuring efficient operation of financial institutions. Planning system includes forecasting methods that allow you to anticipate and take into account changes occurring in external environment, to adapt internal factors of activity for their development and further growth.

In order to make necessary management decisions in order to manage bank's economic security, it is advisable not only to evaluate current financial condition of institution, but also to forecast its level for future.

In the process of economic forecasting, both general scientific methods and approaches to research are used, as well as specific methods inherent in socio-economic forecasting [1]. Among the general methods are methods shown in Fig. 1.

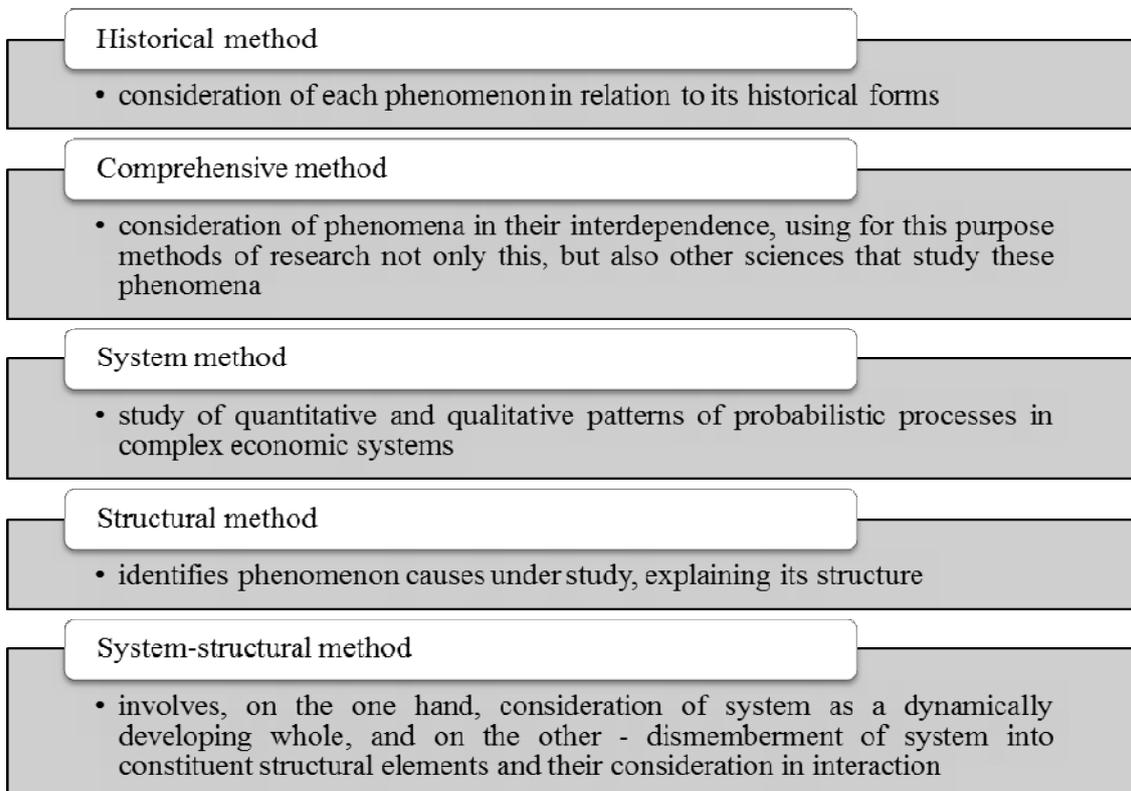


Fig. 1. General scientific methods in economic forecasting

** compiled by authors on the basis of [1]*

Specific economic forecasting methods are fully and completely related to economic forecasting. Economic and mathematical methods, methods of economic and mathematical modeling, statistical extrapolation, etc. play an important role among economic forecasting tools. [1]

To form an effective set of measures, forecasting is performed by an exponential smoothing model and adaptive forecasting models [2].

Constructing an exponential smoothing model is the best option for predictive model when data is available over several periods (months, days, weeks and quarters) and it is not yet clear whether there is a tendency of increase or decrease.

In the short-term forecasting, as well as when forecasting in changing external conditions situation, when the most recent implementations of studied process are the most important, adaptive methods that take into account inequality of time series levels are most effective.

When planning to ensure financial security of financial institution, you must use forecasting methods. They allow you to analyze, link and cause results obtained during study period. On the basis of which possible problem segments in activity of institution in future are identified and measures are taken to minimize their negative impact.

Literature

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