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INFORMATION SUPPORT OF PREDICTION INDICATORS FOR PRODUCTION ON THE PRINCIPLES OF SYSTEMIC APPROACH

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Summary. Concretized the concept of an automated information system. Identified functional modules providing information of forecasting the enterprise. The possible stages of production

forecasting indicators on the basis of a systematic approach. We describe the structural elements of the quantization information.

Key words: *information, information systems, forecasting.*

Different approaches to forecasting indicators of production engineering companies need to create complex models, the accuracy of which depends on the quality of forecasts. Such models are underlying information systems. The problem submitting information managers of business units is that it must be timely, accurate and in sufficient quantity. It is therefore advisable to use information provision forecasting indicators of production on the basis of a systematic approach to effective strategic planning.

Development of information systems should include automated forecasting process with an emphasis on an integrated approach, the advantage is in addition to a better forecast is high confidence calculations actual values of impact, and particularly detailed consideration of the real data of forecasting.

Automated information systems as a means of improving the performance of information system support forecasting, should have the following functional modules: automated prediction based on multifactor models, expert forecasting, prediction-based decomposition approach, the prediction based on the S-shaped function prediction stage of the product life cycle.

Stages of information supply forecasting indicators of production on the basis of a systematic approach: setting database directories, filling in the input model, the choice of parameters forecasting, introduction predictive values Experts automated information system calculations, reports of survey.

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