

УДК 330.4

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METHODICAL BASIS FOR ESTIMATION OF THE FEASIBILITY OF INVESTMENTS IN THE NATIONAL SECURITY IN CONDITIONS OF INDETERMINACY

The authors proposed of the methodical basis for determining the probability of the planned level of investment, for example, to promote the country's energy security in the case of intersection hypotheses about the actual distribution of variants of public and private sources of investment under uncertainty and random antagonistic.

Solution of the problem of forecasting the probability of investment options offered to look for a method of testing statistical hypotheses. As a result, the problem reduces to determining the values of the probability of the conditional probabilities and forecast errors of implementation of each of the investment options (based on the real-blur features).

The results are usually inaccurate data on the volume of expected investments in production). Reliability prediction implementation of each of the observed variants are evaluated by calculating the probability of making the right decisions and decision-making errors when considering the distribution of the planned volume of investments for each option for their use. Probability of incorrect prediction of the implementation of each of the specific options are determined by summing the probabilities of errors corresponding row of the matrix of confidence.

The proposed methodical for predicting the feasibility of investment options in the sphere of production provides a fairly accurate information even when pairwise indistinguishability of the expected volume of investments in the face of competing investment options. Create and use the software product on the basis of the proposed stochastic model can greatly simplify the necessary calculations and save time on the investment decision of such problems.