

## **Profits forecasting of tourist enterprises on the basis of the additive design**

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**Research Methodology:** With the help of a systematic approach the effect of seasonality on activity of tourism enterprises of Chernivtsi area was researched. The economic and mathematical modeling is used as an effective method for research of the processes occurring in the tourism business.

**Results:** The presence of seasonal wave is shown in the research indicators of activity of the tourism enterprises in Chernivtsi area, giving opportunity to build a prediction that takes into consideration all seasonal variations. The algorithm of construction of the additive model is presented on the basis of materials of tourist enterprise “Apollo Travel”.

**The novelty:** The features of forecasting revenues of subjects of tourism activity are disclosed on the bases of additive modulation, taking into account seasonality and the absence of it in the materials of Chernivtsi area.

**The practical significance:** According to the results of revenues forecasting of the subjects of the tourism activity an offer relating to the use of the method of economic and mathematical modeling for predicting the costs of internal planning and evaluation of the economic efficiency of companies resource application is made. It will cause the increase of the economic feasibility.