**Belarusian State University
Faculty of Mechanics and Mathematics
Department of nonlinear analysis and analysis of the economy**

**Annotation to the diploma work
"Basic principles of risk insurance"**

 **Hanna Zaneuskaya**

**Diploma advisor Olga Pindrik**

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Diploma consist of:

* 65 pages;
* 3 used sources.

Keywords: RUIN PROBABILITY, RISK PREMIUM, LIFE INSURANCE, INSURANCE PREMIUMS, LIFE TABLES

 In the diploma research discusses the construction of models for individual losses, studied the basic principles of life insurance, the principles of purpose insurance premiums.

The goal of the diploma work is to study the basic principles of life insurance, the basic methods of describing the total size of the loss, life insurance for various periods of time, the principles of purpose insurance premiums in the insured case.

To achieve this goal used

* basic model of individual losses;
* distribution and their properties;
* various types of approximations.

Diploma includes:

* description of the risk models in insurance;
* description of the basic principles of risk insurance;
* examples

Diploma work is abstract. Models, principles, examples built in the diploma should be considered as recommendation that might be used at practice. It is possible to forecast behavior of total portfolio policies risk insurance whit help of them.

The diploma work performed by the author himself.