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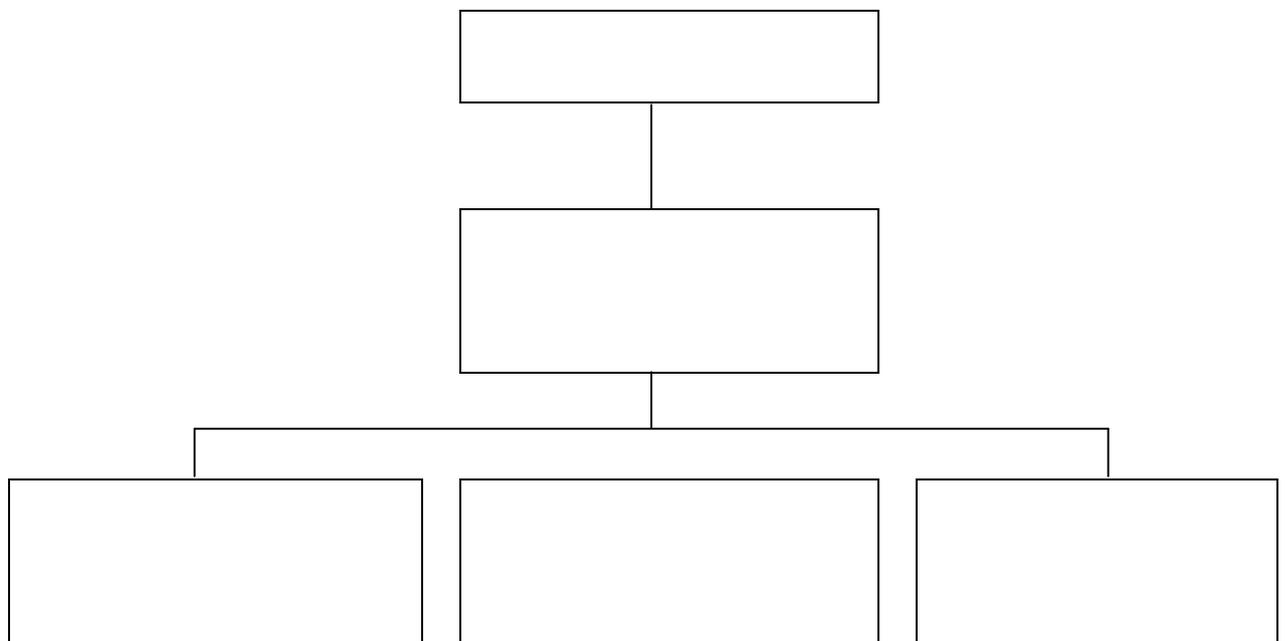
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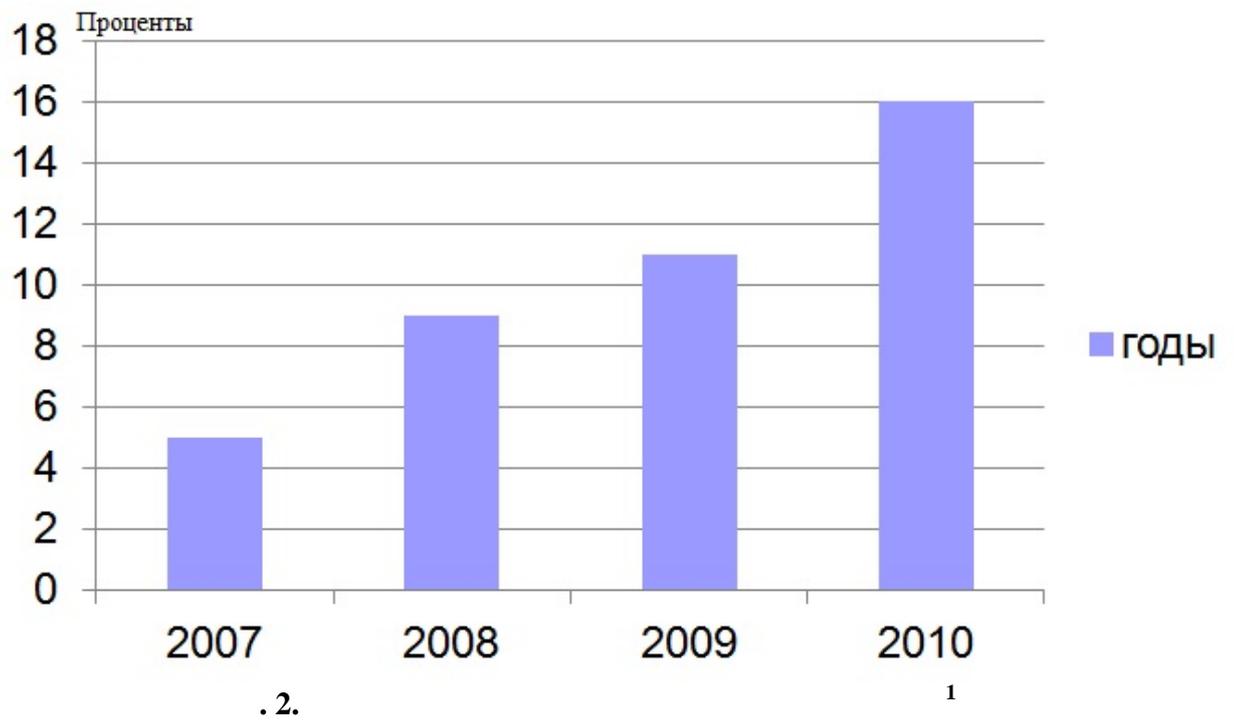
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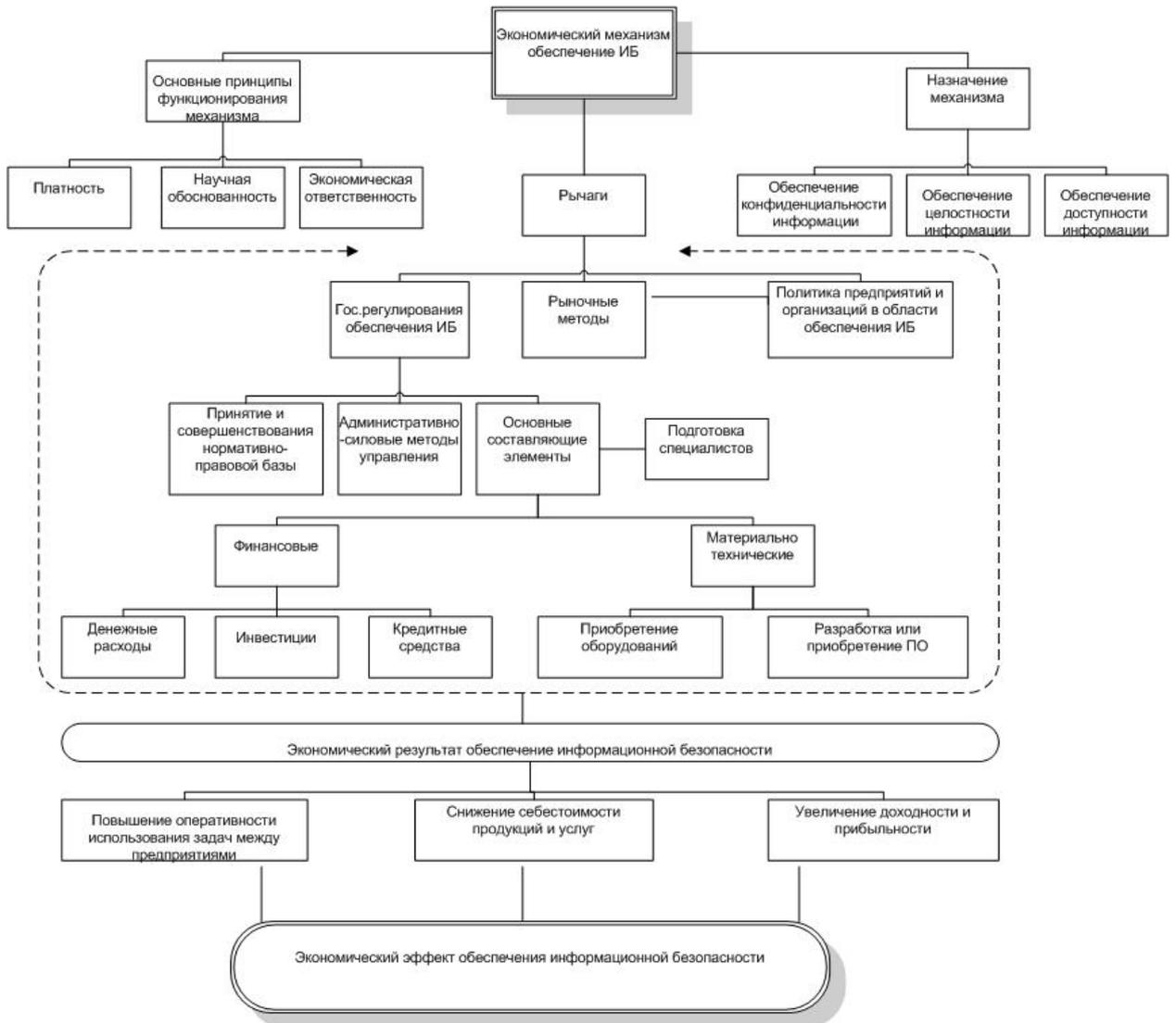
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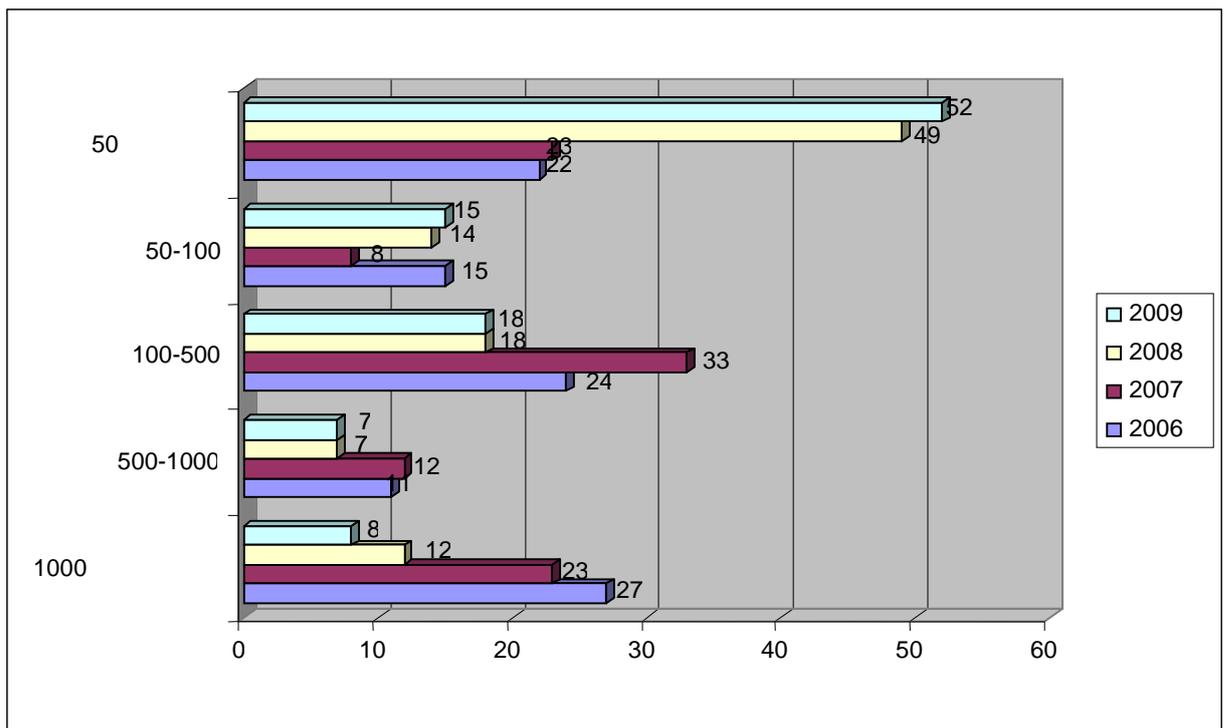
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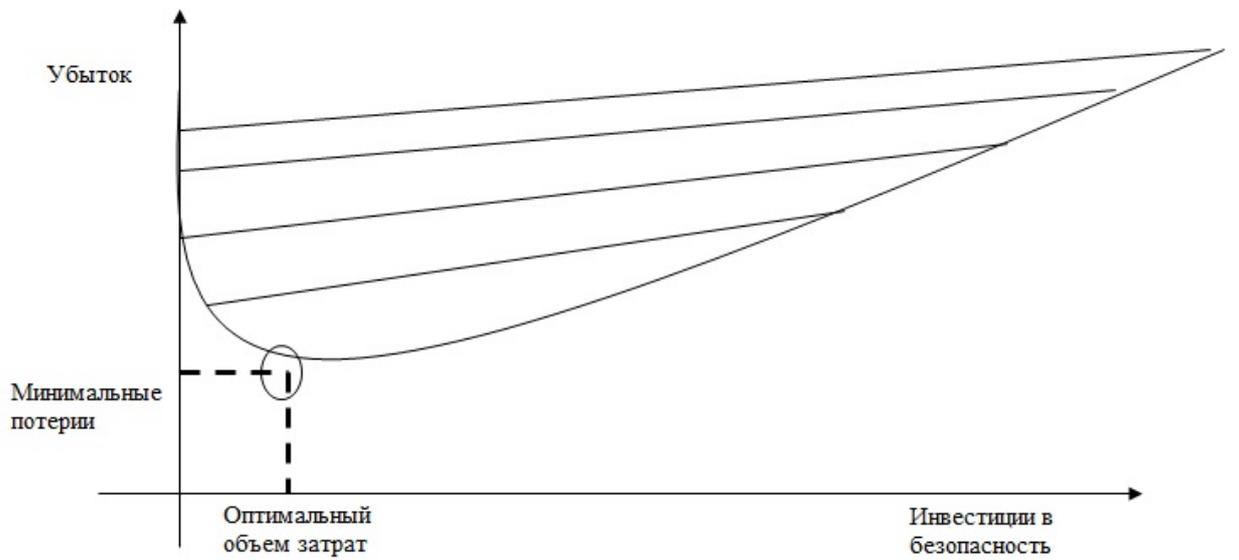
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(Annual Rate of Occurrence, ARO).

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$$ALE = AV \times EX \times ARO \quad (1)$$

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## RESUME

**Thesis of Mukhitdinov Aziz Khakimovich on the scientific degree competition of the doctor of philosophy in Economics on specialty 08.00.03 – “Economy of Industrial Branches” subject: “The economic mechanism for ensure of information security (on the example of industrial enterprises)”**

**Key words:** information security, information communication technologies, efficiency, innovation, strategy, organization, risk.

**Subjects of research:** enterprises which are carrying out activity in our country and their information security systems.

**Purpose of work:** On the basis of the research of information security systems of the enterprises which are carrying out activity in our country to develop scientifically well-founded offers and recommendations about the organization of effective activity of this system and to its definition financially – economic efficiency.

**Methods of research:** In the dissertation have been used methods of classification, comparison, the factorial analysis, an induction and deduction, the statistician and the economic analysis.

**The results obtained and their novelty:** in research has been shown economic – a technological kind of information societies and defined the reasons of economic problems of information security systems of the enterprises. The author’s characteristic of concept of maintenance of information security is resulted, dynamics of influence of information security on an economic situation of the enterprises is analysed. The necessary conclusions on maintenance of information security on the basis of the international experience and experience in republic are made. Degree of economic losses from expected certain threats is calculated. The methodology of the account of economic efficiency in the long term which is possible after expenses for information security is recommended.

**Practical value:** The result of research is that they can be used for calculate economic efficiency of investment for information safety.

**Degree of embed:** The obtained results were used by: Institute of social researches under the Cabinet Of Ministers of Uzbekistan. The made recommendations have been used in scientifically research work spent from March, 22nd till June, 15th, 2010 on a theme «the Condition and prospects risk management in Uzbekistan ICT sphere» (the Inquiry on introduction 41/10 from 25.10.2010). And by branch of «BDC» of JSC «Uzbektelecom» for improving of «Information security» department (the inquiry on introduction 25-07-30/3844 from 25.10.2011).

**Field of application:** the results of research can be applied at the organization of information security systems at the enterprises of Uzbekistan and by optimization of expenses on information security. Also research materials can be used at teaching of courses: «Information technology in economy», «Risk Management», «Operation of business», «The manufacture Organization».

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