Abstract of the Article
"Optimization Model of Enterprises' Products Realization of Risk Portfolio Control"
By M. V. Nikolaichuk

The uncertain final result of contemporary enterprises' functioning is determined by their market activity mechanism which presupposes some risks due to unpredictable consequences of some processes. This makes risks estimation which is an integral part of any enterprises' activity assessment and their further development.

The main part of financial income as the enterprises solvency support instrument is provided by its finished products realization which makes the problem of realization risk portfolio estimation and optimization topical for the financial management. Under realization risk portfolio we understand the deviation between the total sum of portfolio financial earnings during a particular month and the average sum of portfolio earnings during the whole investigated period.

The aim of the research is the development of sales risk portfolio estimation methods as well as the main enterprises' activity financial risks optimization principles based on G.Markovitz theory.

The optimization task involves dispersion portfolio minimization by search of its optimal structure (Lagrange function, Kuna-Thakker theorem).

The improved realization portfolio is characterized by significantly lower risk which means more even monthly earnings distribution within the investigated period which in turn encourages enterprises higher financial stability, keeping their financial obligations and making development planning more effective.