

## ABSTRACTS

УДК 519.8:330.4

T. Vakarchuk

### **MODIFIED MODEL OF ECONOMIC GROWTH THAT TAKES INTO ACCOUNT THE POSSIBILITY OF STATE REGULATION**

Promoting increased economic growth is one of the main objectives of economic policy.

Today the study of different aspects of economic growth is important for Ukrainian and foreign scientists. Despite countless scientific papers on the subject, specific areas of reform of modern Ukrainian economy to reach its steady state process and further growth require detailed analysis and theoretical justification.

In the formation of the state strategy for economic growth it is advisable to rely on certain calculations that are possible through the creation of appropriate macroeconomic models.

For this purpose the time continuous model of economic growth, which is a certain modification of the model R. Solow, was obtained. Thus, unlike the latter, obtained modified model takes into account factors of effective labor, human capital, its wear, investment in human capital and endogenous nature of technological progress.

Based on the modified model of economic growth parameters steady state economic system identified. Possible variants of the point, which characterizes the economic system at a given time, to achieve steady state analyzed, including through state regulation of investment policy.