

## Table of contents

M. Bublyk, O. Rybytska. Economic assessment and forecasting of the social component of man-made damage in the national economy	3
N. Fihun, O. Biloshevska. Features and prospects of logistics humanitarian approach to the formation of the supply chain	11
M. Halushchak, R. Bun, N. Shpak, M. Valakh. Modelling and spatial analysis of greenhouse gas emissions from fuel combustion in the industry sector in Poland	19
N. Horbal, M. Shpak, Y. Shpak. Double-sided analysis of the labor market in Ukraine: graduates' and employers' view	27
N. Kunenets. The technology of hierarchical agglomerative cluster analysis in library research	35
O. Kuzmin, N. Shpak, O. Pyrog. Model of sustainable development of the national economy of Ukraine: assessment of current state and prospects of development	43
O. Melnyk, N. Syrotynska, A. Didyk. Evaluation of commercial prospects for innovative product machine building enterprises	51
O. Mnykh, B. Hrechyn. The detection and estimation of contradictions between logistics and ecologization processes for the ecologic strategy implementation at the enterprise	57
U. Motorniuk, M. Terebukh, V. Kharchuk. Development trends of the international derivatives market	63
I. Novakivskii, N. Lushchak. Modernization of the manufacturing system of national enterprises by implementing modern information technologies	73
V. Pasichnyk, V. Savchuk. Intellectual innovative system for personalized support of tourist trips	79
Z. Poplavska, A. Kalynovskyy. Economic problems of aircraft equipment recovery	89
P. Pukach, P. Sokhan, R. Stolyarchuk. Investigation of mathematical models for vibrations of one dimensional environments with considering nonlinear resistance forces	97
N. Shahovska, T. Cherna. The method of automatic summarization from different sources	103
V. Vysotska, L. Chyrun, P. Kozlov. Analysis of business processes in electronic content-commerce systems	111
M. Yastrubskyy, N. Danylevych, K. Sydoruk. Environmental insurance system in Ukraine	127
V. Voytsekhovska, A. Simak, Yu. Voytsekhovska. Quantitative assessment of investments: regional eco-efficiency	133