

TECHNOLOGY AUDIT AND PRODUCTION RESERVES

No. 3/4(83), 2025

CONTENTS



ECONOMICS AND MANAGEMENT OF ENTERPRISE

- 6 The impact of corporate culture of dignity on cognitive biases, strategic decision-making and technical debt management in IT engineering
Tetiana Korobkina, Natalia Dashenkova, Iryna Danchenko, Halyna Omelchenko
- 14 Investment attractiveness forming of managerial projects
Tetiana Ostapenko, Olena Arefieva, Igor Zhyliayev, Oleksandr Ponomarov, Iryna Hrashchenko
- 26 Development of methods for forming the cost of production and assessment of its impact on the efficiency of an industrial enterprise
Petro Pererva, Tetiana Kobielieva, Robertas Keršys, Szabolcs Nagy, Oleksandra Kosenko, Nadiya Tkachova, Lesia Marchuk, Andriy Kosenko, Maksym Tkachov, Serhii Pohorielov



ECONOMIC CYBERNETICS

- 34 Quantifying asset price volatility with fractional brownian motion
Maryna Iurchenko, Laura Šaltyte-Vaisiauskė, Vitalina Babenko
- 42 Determining the capabilities of artificial intelligence on the development of cryptotrading and blockchain technology
Kateryna Andriushchenko, Inna Riepina, Andrii Buriachenko, Oksana Kyryliuk
- 53 Mitigating operational risks in critical infrastructure through integrated ERP-BPMS: a multi-case study
Yuri Chernenko, Dmytro Bedrii, Oksana Haidaienko, Oleh Meliksetov
- 64 Improving the approach to assessing the impact of financial market digitalization on the rationality of financial decisions
Anatolii Kucher, Yaroslava Moskvayak, Oleksii Fedorchak



DEVELOPMENT OF PRODUCTIVE FORCES AND REGIONAL ECONOMY

- 76 Assessment of high-tech export dynamics and the impact of its cyclicity on GDP and the country's production reserves
Petro Makarenko, Oleksandr Belov, Andrii Makarenko, Lyudmyla Svystun
- 87 Regional development project management: financial aspect
Oksana Agres, Ruslana Sodoma, Igor Ilchyshyn, Oleg Kovalchuk, Tetiana Shmatkovska



PROBLEMS OF MACROECONOMICS AND SOCIO-ECONOMIC DEVELOPMENT

- 93 Research of problems and prospects of economic adaptation of military servicemen: sociological and statistical analysis
Galyna Nazarova, Yuliia Sotnikova, Viktoriia Luhova, Oleksii Klyzub, Mykola Ivashchenko
- 100 Innovation cycles as a strategic methodological objectivity of the new technological paradigm of socio-economic development
Viktoriia Prokhorova, Svitlana Mushnykova, Iryna Abernikhina, Yanyna Yukhman, Olena Makovoz, Krystyna Slastianyukova
- 106 Abstracts and References
- 120 Анотації