

## Journals with impact factor (24 papers):

1. Suder, M., Gurgul, H., Barbosa, B., Machno, M., Lach, Ł., 2024, *The Effectiveness Of Atm Withdrawal Forecasting Methods In Different Market Conditions*, forthcoming in: Technological Forecasting and Social Change.
2. Gurgul, H., Lach, Ł., Suder, M., Szpyt, K., 2023, *The use of TBATS models in forecasting the size of withdrawals from ATMs*, *Entrepreneurial Business and Economics Review* 11, 181-204.
3. Lach Ł., 2022, *Optimization based structural decomposition analysis as a tool for supporting environmental policymaking*, *Energy Economics* 115, art. no. 106332.
4. Lach Ł., 2021, *On the plausibility of using linear programming to trace important input-output coefficients in the framework of tolerable limits*, *Economic Systems Research* 33, 417-426.
5. Gurgul H., Lach Ł., 2021, *Linkages-based indicators of production-source sectoral eco-efficiency with application to Polish data*, *Journal of Cleaner Production* 279, art. no. 123545.
6. Gurgul H., Lach Ł., 2019, *On approximating the accelerator part in dynamic input-output models*, *Central European Journal of Operations Research*, 27(1), 219-239.
7. Gurgul H., Lach Ł., 2019, *Regional patterns in technological progress of Poland: The role of EU structural funds*, *Central European Journal of Operations Research* 27(4): 1195–1220.
8. Gurgul H., Lach Ł., 2019, *Tracing VARDI coefficients: A proposal*, *Economic Systems Research* 31: 324–344.
9. Gurgul H., Lach Ł., 2018, *Sectoral linkages at the beginning of the 21st century: the role of Polish economy in global production structures*, *Communist and Post-Communist Studies* 51(4): 299-314.
10. Gurgul H., Lach Ł., 2018, *On using dynamic IO models with layers of techniques to measure value added in global value chains*, *Structural Change and Economic Dynamics* 47:155-170.
11. Gurgul H., Lach Ł., 2018, *Some Remarks on a Social Network Approach to Identifying Key Sectors*, *Economic Systems Research* 30: 120-135.
12. Gurgul H., Lach Ł., 2017, *Structural Change Versus Turnpike Optimality: A Polish Perspective*, *Communist and Post-Communist Studies* 50(1): 65–76.
13. Gurgul H., Lach Ł., Wójtowicz, T. 2016, *Impact of U.S. Macroeconomic News Announcements on Intraday Causalities on Selected European Stock Markets*, *Czech Journal of Economics and Finance* 66(5): 405-425 .
14. Gurgul H., Lach Ł., 2016, *Simulating evolution of interindustry linkages in endogenous dynamic IO model with layers of techniques*, *Metroeconomica* 67(4), 632-666.
15. Gurgul H., Lach Ł., 2015, *Key sectors in the post-communist CEE economies: What does the transition data say?* *Communist and Post-Communist Studies* 48(1): 15-32.
16. Lach Ł., 2015, *Oil usage, gas consumption and economic growth: Evidence from Poland*, *Energy Sources, Part B: Economics, Planning, and Policy* 10(3): 223-232.
17. Gurgul H., Lach Ł., 2014, *Globalization and economic growth: Evidence from two decades of transition in CEE*, *Economic Modelling* 36: 99-107.
18. Gurgul H., Lach Ł., 2013, *Political instability and economic growth: Evidence from two decades of transition in CEE*, *Communist and Post-Communist Studies* 46(2): 189-202.
19. Gurgul H., Lach Ł., 2012, *Financial Development and Economic Growth in Poland in Transition: Causality Analysis*, *Czech Journal of Economics and Finance* 62(4): 347-367.
20. Gurgul H., Lach Ł., 2012, *The electricity consumption versus economic growth of the*

**Polish economy**, *Energy Economics* 34(2): 500–510.

21. Gurgul H., Lach Ł., Mestel R., 2012, **The relationship between budgetary expenditure and economic growth in Poland**, *Central European Journal of Operations Research* 20: 161–182.
22. Gurgul H., Lach Ł., 2012, **The association between stock market and exchange rates for advanced and emerging markets – A case study of the Swiss and Polish economies**, *Betriebswirtschaftliche Forschung und Praxis* 64(2): 190-212.
23. Gurgul H., Lach Ł., 2011, **The role of coal consumption in the economic growth of the Polish economy in transition**, *Energy Policy* 39: 2088–2099.
24. Gurgul H., Lach Ł., 2010, **The causal link between Polish stock market and key macroeconomic aggregates**, *Betriebswirtschaftliche Forschung und Praxis* 4: 367–383.