

## CONTENTS

- 5 **Manuel E. SANSALVADOR, José M. BROTONS**  
**A Fuzzy Dynamic Model for Total Quality Cost**
- 21 **Marcel Ioan BOLOȘ, Claudia Diana SABĂU-POPA, Luminița RUS**  
**Optimal Management of Production Stocks with the Neutrosophic Fuzzy Numbers**
- 41 **Abdullah Mohammed RASHID, Habshah MIDI**  
**Improved *nu*-Support Vector Regression Algorithm Based on Principal Component Analysis**
- 57 **Stelian STANCU, Andreea PERNICI, Denisa Elena BĂLĂ, Daniela Elena MARINESCU**  
**Linking e-Government to Socio-Demographics. A Multi-Model Approach Using Panel Data, Regression, and Neural Networks**
- 73 **Iuliana CETINĂ, Simona VINEREAN, Alin OPREANA, Violeta RĂDULESCU, Mircea POPA**  
**Examining Key Drivers of Social Media WOM – A SEM Approach**
- 89 **Adrian Nicolae COZGAREA, Gabriel COZGAREA, Dana Maria BOLDEANU, Irina PUGNA, Mirela GHEORGHE**  
**Predicting Economic and Financial Performance through Machine Learning**
- 103 **Ayca Hatice ATLI**  
**Prediction of Stock Market Index Movement Using Pairwise Classification**

- 119 **Martina PAVLAČKOVÁ, Ondřej PAVLAČKA,  
Tereza HORČIČKOVÁ**  
**A Fuzzy Group Decision-making Model for Measurement  
of Companies' Performance**
- 135 **Hyung Rok YIM**  
**The Sequential-Investment Strategy vs. The Single-Investment  
Strategy: Lessons from Korean Firms' FDIs to China**
- 153 **Marian STOICA, Marinela MIRCEA, Ion-Dănuț LIXANDRU**  
**A Cyber Dimension to the Circular Economy – The Model  
of External Complementarity in Consumer Behaviour**
- 171 **Marius-Corneliu MARINAȘ, Laura-Mădălina IACOB (Pirșcoveanu),  
Daniela Livia TRĂȘCĂ, George Marian ȘTEFAN, Inna ARZHYNT**  
**Business Cycle Synchronization of CEE Countries with the Euro  
Area. Between Core and Periphery**
- 187 **Deniz KOÇAK**  
**Measuring Defense Performance: An International Comparison  
with the MULTIMOORA Method**
- 203 **Ștefan-Alexandru IONESCU, Rodney DUFFETT, Tudor EDU,  
Iliuță Costel NEGRICEA**  
**Brand-Centred Fashion Clothing Behaviour Modelling within  
Generation Y. A Two-Country Comparison**
- 221 **Ioana Teodora MEȘTER, Liana Eugenia MEȘTER,  
Andreea Florina FORA**  
**Exploring the Relationship between Economic Growth, Trade  
Openness, CO<sub>2</sub> Emissions, and Renewable Energy: Evidence from  
Eastern European Countries**

- 235 Selay Giray YAKUT, Emre ILICALI, Ceren CAMKIRAN  
**Sociodemographic Determinants of Homeownership:  
The Case of Turkey**
- 253 Nataša ČAČIĆ, Bojan JOVANOVIĆ, Dragana ŠARAC,  
Nikola TRUBINT, Ljubica DUĐAK, Mladenka BLAGOJEVIĆ  
**Demand Modelling and Forecasting the Future Development  
of Parcel and Express Services**
- 269 Manoj KUMAR, Manish PATIDAR, Narendra SINGH  
**Optimized MIMO Based Enhanced OFDM for Multi Carrier  
System with 5G Waveforms**
- 293 Sayyid Ali BANIHASHEMI, Mohammad KHALILZADEH  
**Performance Evaluation Optimization Model with a Hybrid  
Approach of NDEA-BSC and Stackelberg Game Theory in the  
Presence of Bad Data**