

MATHEMATICAL ECONOMICS

13(20)



The Publishing House
of Wrocław University of Economics
Wrocław 2017

Reviewers cooperating with the journal

*Maria Balcerowicz-Szkutnik, Jacek Batóg, Mariusz Czekala, Igor N. Dubina,
Ewa Dziwok, Francesca Greselin, Tadeusz Kufel, Marian Matłoka,
Pawel Miłobędzki, Anatoliy Pilyavskyy, Stanisław Wanat*

Copy-editing

Elżbieta Macauley, Tim Macauley, Dorota Pitulec

Proof reading

Rafał Galos

Typesetting

Elżbieta Szlachcic

Cover design

Beata Dębska

Front cover painting: Paris – Petit Pont
(private collection)

This publication is available at:

www.me.ue.wroc.pl, www.journal.ue.wroc.pl and www.ibuk.pl
BazEkon, http://kangur.uek.krakow.pl/bazy_ae/bazekon/nowy/advanced.php
Dolnośląska Biblioteka Cyfrowa, <http://wwwdbc.wroc.pl>
The Central European Journal of Social Sciences and Humanities, <http://cejsh.icm.edu.pl>
Ebsco, <https://www.ebscohost.com>

Information on submitting and reviewing papers is available on the Publishing House's websites
www.me.ue.wroc.pl; www.wydawnictwo.ue.wroc.pl

The publication is distributed under the Creative Commons Attribution 3.0
Attribution-NonCommercial-NoDerivs CC BY-NC-ND



ISSN 1733-9707
e-ISSN 2450-1131

The original version: printed

Publication may be ordered in Publishing House
tel./fax 71 36-80-602; e-mail:
econbook@ue.wroc.pl www.ksiegarnia.ue.wroc.pl

Printing: TOTEM

TABLE OF CONTENTS

Agnieszka Bukietyńska, Mariusz Czekała, Marek Gurak, Jacek Jagodziński, Jarosław Kłosowski	
Estimation of the probability of inversion in assessing the credibility of experts. A case study	5
Tadeusz Janaszak	
The Coriolis force and the concept of the Coriolis power plant	15
Agata Kliber, Katarzyna Świerczyńska	
Real economy and financial markets. Long and short-term volatility determinants in sub-Saharan economies	37
Somdeb Lahiri	
A short note on strong duality: without simplex and without theorems of alternatives	59
Marcin Salamaga	
Segmentation of markets in Central and Eastern Europe countries with the use of the CMS method	67
Grzegorz Tarczyński	
The problem of location selection during the order-picking process	79
Małgorzata Złotoś	
On the use of the design of experiments theory in individual data analysis	95