

Issued with the consent of the Rector

Editor in Chief
Publishing House of Rzeszów University of Technology
Lesław GNIEWEK

EDITORIAL BOARD

Editor-in-Chief
Grzegorz OSTASZ

Deputy of Editor-in-Chief
Justyna STECKO

Editorial assistant
Elżbieta KURZĘPA

Associate Editors
Eugeniusz MOCZUK, Tadeusz OLEJARZ, Marta POMYKAŁA
Grzegorz ROSŁAN, Beata ZATWARNICKA-MADURA, Dominik ZIMON

Scientific Board
Alla ARISTOVA (Ukraine), Heinrich BADURA (Austria), Guido BALDI (Germany)
Aleksander BOBKO (Poland), Zbigniew BOCHNIARZ (The USA), Viktor CHEPURKO (Ukraine)
Zuzana HAJDUOVÁ (Slovakia), Wilem J.M. HEIJMAN (The Netherlands)
Tamara HOVORUN (Ukraine), Paweł GRATA (Poland)
Beatriz Urbano LOPEZ DE MENESES (Spain), Aleksandr MEREZHKO (Ukraine)
Nellya NYCHKALO (Ukraine), Waldemar PARUCH (Poland), Krzysztof REJMAN (Poland)
Annely ROTHKEGEL (Germany), Josef SABLİK (Slovakia), Mykoła STADNIK (Ukraine)
Anatolij TKACH (Ukraine), Michael WARD (Ireland), Natalia ZHYHAYLO (Ukraine)

Statistical editor
Tomasz PISULA

Language editors
E-CORRECTOR
Magdalena REJMAN-ZIENTEK, Piotr CYREK

Volume editor
Elżbieta KURZĘPA (Poland)

Project of the cover
Damian GĘBAROWSKI

The electronic version of the Journal is the final, binding version.

e-ISSN 2300-9918

Publisher: Publishing House of Rzeszów University of Technology,
12 Powstańców Warszawy Ave., 35-959 Rzeszów (e-mail: oficyna@prz.edu.pl)
<http://oficyna.prz.edu.pl>

Editorial Office: Rzeszów University of Technology, The Faculty of Management,
10 Powstańców Warszawy Ave., 35-959 Rzeszów, phone: 17 8651383, e-mail: zeszyty@prz.edu.pl
<http://hss.prz.edu.pl>

Additional information and an imprint – p. 97