

Scientific Technical Review

ISSN 1820-0206

UDC: 355/359:62

Editor-in-Chief:
Samardžić Marija, PhD (Eng)

Editor:
Joksimović Vasilija, BSc (Eng)

Editorial board:
Prof. Buzurović Ivan, PhD (Eng)
(Harvard University, Boston – USA)
Prof. Carpinteri Andrea, PhD (Eng)
(University of Parma, Testing Laboratory, Italy)
Prof. Krstić Branimir, PhD (Eng)
(Military Academy, Belgrade, Serbia)
Dodić Nenad, PhD (Eng)
(dSPACE GmbH, Paderborn, Germany)
Prof. Gdoutos E. Emmanuel, PhD (Eng)
(Democritus University of Thrace, Xanthi, Greece)
Bulatović Željko, PhD (Eng)
(Military Technical Institute, Belgrade, Serbia)
Grabulov Vencislav, PhD (Eng)
(Institute IMS, Belgrade, Serbia)
Prof. Šekara Tomislav, PhD (Eng)
(School of Electrical Engineering, Belgrade, Serbia)
Prof. Elak Predrag, PhD (Eng)
(Faculty of Mechanical Engineering, Belgrade, Serbia)
Jelisavac Ljiljana, PhD (Eng)
(Military Technical Institute, Belgrade, Serbia)
Prof. Lazarević Mihajlo, PhD (Eng)
(Faculty of Mechanical Engineering, Belgrade, Serbia)
Prof. Krasilnikov Pavel, PhD (Eng)
(State Aviation Institute, Moscow, Russia)
Pokrajac Ivan, PhD (Eng)
(Military Technical Institute, Belgrade, Serbia)
Prof. Putić Slaviša, PhD (Eng)
(Faculty of Technology and Metallurgy, Belgrade, Serbia)
Rodić Aleksandar, PhD (Eng)
(Institute PUPIN, Belgrade, Serbia)
Ilić-Gomes Ivana, PhD (Eng)
(Military Technical Institute, Belgrade, Serbia)
Prof. Taek Lyul Song, PhD (Eng)
(University of Hanyang, Ansan, Republic of Korea)
Živković Saša, PhD (Eng)
(Military Technical Institute, Belgrade, Serbia)
Prof. Vujić Jasmina, PhD (Eng)
(University of California, Berkeley, USA)



*The Review was first published under the title "Scientific News Review of Military Literature" at the end of 1950, and the review has been published under the present title **Scientific Technical Review** since 1965.*

Language advisors:
Popović Jasna, BA (Serbian language)
Vasiljević Elida, BA (English language)

Proofreaders:
Glišić Danica

Computer design:
Kojičin Liljana

Cover design:
Jandrić Nikola, BSc (Eng)

Address:
MILITARY TECHNICAL INSTITUTE
Scientific Technical Review
Ratka Resanovića 1, 11132 Belgrade
SERBIA
Tel: +381-11-2051-240
e-mail: ntp@vti.vs.rs,
www.vti.mod.gov.rs/ntp

Published by:
Military Technical Institute
Ratka Resanovića 1, 11132 Belgrade
SERBIA
Tel: +381-11-3538-200
Fax: +381-11-2508-308
www.vti.mod.gov.rs
e-mail: vti@vti.vs.rs

Printed by:
VŠ printing firm
Resavska 40b, 11000 Belgrade
SERBIA
e-mail: vojsta@sezampro.rs

Distribution:
Distribution through the
Military Technical Institute Library

Cover page by:

Archimedes, detail of mosaic by Lazar Vozarević

GUIDE TO AUTHORS

Scientific Technical Review publishes original scientific papers, review papers and short communications. The journal welcomes papers from a wide range of countries.

Articles should be original scientific or professional contributions reporting a complete research work leading to the understanding and application of knowledge based on theoretical, experimental or computational approaches. Papers combining theory and experiments or combining basic and applied research are very welcome.

The Journal anchorages papers from young researchers.

Contributions are invited in all areas pertaining to:

- Military technical science and technologies
- Mechanical engineering
- Electrical engineering
- Electronic engineering
- Applied and industrial mathematics
- Mechanics
- Computer technology
- Telecommunication and information technologies
- Materials and chemical technologies
- Mechatronics
- Automation and control engineering

Essential information of writing paper

All manuscripts must contain the essential elements needed to convey the manuscript: Title, Author names and affiliations, Corresponding author, Abstract, Keywords, Main text and References.

Title. Authors **should** avoid abbreviations and formulae where possible. Title should be concise and informative.

Authors name and affiliations. Clearly indicate the given name(s) and family name(s) of each author. Present the author's affiliation addresses below the names. Provide the full postal address of each affiliation, including the country name and e-mail address of each author. Clearly indicate corresponding author.

Abstract and Keywords. A concise and factual abstract not exceeding 150 words in length is required. Formulas should be avoided within the abstract. Immediately after the abstract, provide a maximum 6 keywords.

Authors from Serbia should provide Title, Abstract and Keywords in Serbian.

Main text. There are no strict formatting requirements. Manuscript should be written in one column with one line spacing and 2 cm margins. Divide your article into clear sections. Sections should not be numbered. Each heading should appear on its own separate line. Figures have to be numbered and ensure that each figure has a caption. Number the illustrations according to their sequence in the text. *Figures should be imported into the text and also separately supplied as original graphics files. Convert the images to TIFF or JPG format and always use a minimum of 300 dpi.* Tables have to be placed next to the relevant text in the paper and numbered consecutively in accordance with their appearance in the text. *Please submit tables as editable text and not as image.*

The width of illustrations and tables is restricted to the width of 8.5 cm, or in special cases, when clearness is not possible otherwise to the width of 16.5 cm. Equation numbers should appear in round brackets and be numbered consecutively. All equations numbers must appear on the right-hand side of the equation and should be referred to within the text. Vectors and tensors should be marked clearly on the manuscript.

References. Indicate references by numbers in square brackets in line with the text. Please ensure that every reference cited in the text is also present in the reference list. Number reference in the list in order in which they appear in the text.

There are no strict requirements on reference formatting at submission. Reference can be in any style or format as long as the style is consistent. Where applicable, author(s) name(s), journal title/book title, chapter title/article title, year of publication, volume number/book chapter and the article number or pagination must be presented. Use of DOI is highly encouraged. If you use reference management software, please use one of the standard styles of referencing.

Example:

Reference to a journal publication:

- [1] MANDIĆ,S.: *Guidance of Ground to Ground Rockets Using Flight Path Steering Method*, Scientific Technical Review, ISSN 1820-0206, 2009, Vol.89, No.3-4, pp.3-11.
- [2] MULER,A.: *Internal Preload Control of Redundantly Actuated Parallel Manipulators-Its Application to Backlash Avoiding Control*, IEEE Transaction on Robotics, August 2005, Vol.21, No.4, pp.668-677.

Reference to a book:

- [3] CHALLA,S., EVANS,R., MORELANDE,M., MUŠICKI,D.: *Fundamentals of Object Tracking*, Cambridge University Press, 2011.

Reference to a website:

- [4] Statistics and Machine Learning Toolbox User's Guide, Matwork Inc., https://www.mathworks.com/help/pdf_doc/stats.pdf, Data of last access: 04/28/2018, 2017.

Reference to a conference proceedings and papers:

- [5] LOLOEI,A.Z., AREF,M.M., TAGHIRAD,H.D.: *Wrench Feasible Workspace Analysis of Cable-Driven Parallel Manipulators Using LMI Approach*, International Conference on Advanced Intelligent Mechatronics, Suntec Convention and Exhibition Center, Singapore, July 14/17, 2009, pp. 1034-1039.

All articles are peer reviewed. Contributions are initially assessed by the editor for suitability for the journal. Papers deemed suitable are sent to a minimum of two independent reviewers to evaluate the quality of the paper. The Editorial Board is responsible for the final decision regarding acceptance or rejection of papers.

Please list the names and contact details of minimum 2 reviewers who are expert in the topic that your paper covers.

Address
MILITARY TECHNICAL INSTITUTE
STR EDITORIAL
11132 Belgrade, Ratka Resanovića 1
SERBIA
Tel.: +381-11-20-51-240, e-mail: ntp@vti.vs.rs