



PERIODICA POLYTECHNICA MECHANICAL
ENGINEERING

Periodica Polytechnica Mechanical Engineering is a peer reviewed scientific journal published by the Faculty of Mechanical Engineering of the Budapest University of Technology and Economics. It was founded in 1957. Publication frequency: quarterly, by January, April, July, and October.

The scope of the journal is to publish original research articles in the area of mechanical engineering with special focus on materials science, energetics, machine and production design, manufacturing science and technology, mechatronics, optics, polymer technology, hydrodynamic systems, building service engineering, and cyber physical systems. The speciality of our journal is that it encourages papers from specific fields of mechanical engineering, like nanotechnology, biomaterials, renewable energy, cyber-physical production systems, and Industry 4.0.

This is a diamond open access journal: publishing and downloading articles are both free of charge. The journal does not charge authors any article processing charges (APCs), submission, or publication fees. Users have the right to read, download, copy, distribute, print, search, or link to the full text of these articles. The journal is in the [Directory of Open Access Journals \(DOAJ\)](#).

Each paper is evaluated in a blind, peer review process, with at least two reviewers for a paper. We use [Crossref/iThenticate](#) for plagiarism checking and in ethical issues the [COPE](#) guidelines are followed. Please read the [Publication Ethics and Malpractice Statement](#) for details.

Periodica Polytechnica Mechanical Engineering is indexed and abstracted

- in [WOS core collection](#), [Emerging Sources Citation Index](#) since 2019
- in [SCOPUS](#), [Scimago](#)
- in [Google Scholar](#)
- in [ProQuest Engineering Collection](#)
- in [Ei Compendex](#)

Online ISSN : [1587-379X](#)

Print ISSN : [0324-6051](#)

MAKE A SUBMISSION

We use cookies to enhance your experience. By continuing to visit this site you agree to our use of cookies. [More info](#)

Allow!



powered by OJS | Open Journal Systems

We use cookies to enhance your experience. By continuing to visit this site you agree to our use of cookies. [More info](#)

Allow!



HOME / Editorial Board

Editorial Board

Editor-in-Chief

Péter János Szabó, Budapest University of Technology and Economics, Budapest, Hungary



Editor

Miklós Kassai, Budapest University of Technology and Economics, Budapest, Hungary



International Editorial Board

Edward John Anthony, Natural Resources Canada, Canada



Nektaria-Marianthi Barkoula, University of Ioannina, Greece



Wen Shyang Chow, Universiti Sains Malaysia, Malaysia



Alessandro Corsini, Sapienza University of Rome, Italy



Eniko T. Enikov, University of Arizona, United States



Gyorgy Haller, ETH Zürich, Switzerland



Imre Horváth, Delft University of Technology, Netherlands



We use cookies to enhance your experience. By continuing to visit this site you agree to our use of cookies. [More info](#)

Allow!

Bo Leckner, Chalmers University of Technology, Sweden



Andrew Martin, KTH Royal Institute of Technology, Sweden



Fernando Tavares de Pinho, University of Porto, Portugal



Gavin Walker, University of Limerick, Ireland



Local Editorial Board

Tamás Bárány, Budapest University of Technology and Economics, Budapest, Hungary



Tamás Insperger, Budapest University of Technology and Economics, Hungary



Péter Korondi, Budapest University of Technology and Economics, Budapest, Hungary



Péter Láng, Budapest University of Technology and Economics, Budapest, Hungary



László Monostori, Budapest University of Technology and Economics, Hungary



Antal Penninger, Budapest University of Technology and Economics, Hungary



Gábor Stépán, Budapest University of Technology and Economics, Hungary



János Vad, Budapest University of Technology and Economics, Budapest, Hungary



Károly Váradi, Budapest University of Technology and Economics, Budapest, Hungary



MAKE A SUBMISSION

We use cookies to enhance your experience. By continuing to visit this site you agree to our use of cookies. [More info](#)

Allow!



HOME / ARCHIVES / Vol. 64 No. 3 (2020)

Vol. 64 No. 3 (2020)

PUBLISHED: 2020-07-22

Implementation of Linear Stability Theory on Hollow Cone-shaped Liquid Sheet

Hadiseh Karimaei, Ramin Ghorbani, Seyed Mostafa Hosseinalipour

179-188



PDF

The Influence of Single and Double Steel Plate Hardness on Fracture Behavior after Ballistic Impact

Helmy Purwanto, Rudy Soenoko, Anindito Purnowidodo, Agus Suprpto

189-198



PDF

The Effects of Shot Peening on the Surface Characteristics of 35NCD16 Alloy Steel

Mohamed Benaissa, Fethi Benkhenafou, Abdelkader Ziadi, Luis Borja Peral Martinez, Francisco Javier Belzunce, Lyes Douadji

199-206



PDF

Investigation of the Performance of V-cut Turbines for Stirring Shear-thinning Fluids in a Cylindrical Vessel

Houari Ameer

207-211



PDF

Enhancement of the Hydrodynamic Characteristics in Shell-and-Tube Heat

We use cookies to enhance your experience. By continuing to visit this site you agree to our use of cookies. [More info](#)

Allow!

 PDF

Optimization and Experimental Investigation of the Ability of New Material from Aluminum Casting on Pumice Particles to Reduce Shock Wave

Masoud Rahmani, Amin Moslemi Petrudi

224-232

 PDF

Extrapolation of Saturated Diffraction Spikes in Photographs Containing Light Sources

Bertalan Pizág, Balázs Vince Nagy

233-239

 PDF

Viscous Heating Effects on Heat Transfer Characteristics of an Explosive Fluid in a Converging Pipe

Sina Bagheri, Saeed Tavangar Roosta, Amir Heidari

240-247

 PDF

Determination of Fatigue Limit of Coir/CNT/Fly Ash Reinforced Epoxy Polymer Matrix Composite

Venkatachalam Gopalan, Pradhymn Bhardwaj, Nilesh Satonkar, Vignesh Pragasam

248-255

 PDF

Stress Analysis of a Landing Gear Using the Davies Method

Gonzalo Guillermo Moreno, César Augusto Peña, Oscar Eduardo Gualdron

256-262

 PDF

MAKE A SUBMISSION

We use cookies to enhance your experience. By continuing to visit this site you agree to our use of cookies. [More info](#)

Allow!



powered by OJS | Open Journal Systems

We use cookies to enhance your experience. By continuing to visit this site you agree to our use of cookies. [More info](#)

Allow!