

LISTA DE LUCRĂRI ȘTIINȚIFICE PUBLICATE

Ș.I. Dr. Ing. GHEORGHÎĂ VLAD

Universitatea Națională de Știință și Tehnologie POLITEHNICA din București

Facultatea de Inginerie Industrială și Robotică

Departamentul de Tehnologia Construcțiilor de Mașini

A. TEZE DE DOCTORAT

A1. Cercetări privind optimizarea sistemelor mobile pentru persoane cu dizabilități, susținută la Universitatea Politehnica București, Iunie 2021

B. ARTICOLE

Ba. Articole publicate în Reviste de Specialitate indexate ISI

- Ba.01. Vlad Gheorghîță, Cătălin Gheorghîță, „Optimization of the Mechanism from an equipment for Overcoming Obstacles with Design of Experiments”, IMANE Innovative Manufacturing Engineering & Energy International Conference, Iași, 25-26 Mai, 2017, doi:10.1051/mateconf/201711206006, WOS:000579349600095.**
- Ba.02. Vlad Gheorghîță, Cătălin Gheorghîță, „Applying of a Design Methodology for a New Mobility Product”, ModTech, Constanța, 13-16 Iunie, 2018, doi:10.1051/mateconf/201817805002, WOS:000570197900060.**
- Ba.03. Vlad Gheorghîță, Software Application for Determining the Surface Roughness using Image Processing with Particle Classification, 26th edition Innovative Manufacturing Engineering & Energy International Conference IMANEE, ACTA TECHNICA NAPOCENSIS SERIES-APPLIED MATHEMATICS MECHANICS AND ENGINEERING, Volume 65, Issue 4, pp. 1147-1152, Noiembrie 2022, WOS:000969679100022**

Bb. Articole publicate în Reviste de Specialitate indexate BDI

- Bb.01. Cătălin Gheorghîță, Vlad Gheorghîță, „Application of Multiobjective Methods for Optimization of Machining Process Parameters”, International Journal of Modern Manufacturing Technologies ModTech Volume 7 Number 1/2015, ISSN 2067-3604**
- Bb.02. Cătălin Gheorghîță, Vlad Gheorghîță, „Materials Selection for an Engineering Application using Multiple-Criteria Decision Analysis”, ICMAS 2015 International Conference on Manufacturing Systems Volume 10 Issue 3 2015, ISSN 2343-7472.**
- Bb.03. Cătălin Gheorghîță, Vlad Gheorghîță, „Eco-audit and Environmental Impacts of Products”, ICAMAT 2015 8th International Conference on Advanced Manufacturing Technologies, 2015, ISSN:1662-7482 Vol.834, pp. 34-39, doi:10.4028/www.scientific.net/AMM.834.34.**
- Bb.04. Vlad Gheorghîță, Cătălin Gheorghîță, „Determining the Optimal Dimensions for a Mechanism from a Wheelchair using LabVIEW”, International Journal of Research – Granthaalayah Vol.6 Issue 1, 25-27 Ianuarie, 2018, doi: 10.5281/zenodo.1164122.**
- Bb.05. Manuela Dijmărescu, Vlad Gheorghîță, „Influence of Cutting Parameters on Surface Quality when machining a CoCrWNi alloy”, IMANE, Chișinău, MATEC Web of Conference Conferences 178, 01009 (2018), ISSN:2261236X, 31 Mai-2 Iunie, 2018, doi:10.1051/mateconf/201817801009.**

- Bb.06. Vlad Gheorghită**, Cătălin Gheorghită, „Determining the Materials and Shape of Components within a System Attached to a Wheelchair”, ICAMAT 9th International Conference on Advanced Manufacturing Technologies, București, Noiembrie, 2018, Materials Science Forum Volume 957, pp. 15-22, <https://doi.org/10.4028/www.scientific.net/MSF.957.15>.
- Bb.07. Cristian Doicin, Vlad Gheorghită**, .. „Research on the design and testing of a new product development methodology”, 32th Conference IBIMA, Proceedings of the 32nd International Business Information Management Association Conference, IBIMA 2018 - Vision 2020: Sustainable Economic Development and Application of Innovation Management from Regional expansion to Global Growth, pp. 5479- 5490, Sevilla, Noiembrie, 2018.
- Bb.08. Mihaela Ulmeanu, Cristian Doicin, Paulina Spânu, Vlad Enache, Vlad Gheorghită**, Project Planning for the Development of an E-learning Interactive Educational Platform in Industrial Engineering-based Applications, 36th Conference IBIMA, Noiembrie, 2020.
- Bb.09. Vlad Gheorghită**, Determining the Distribution Curve of a Set of Parts Through Image Processing in LabVIEW, International Journal of Modern Manufacturing Technologies ISSN 2067–3604, Vol. XV, No. 3, pp. 214-220, 2024, <https://doi.org/10.54684/ijmmt.2023.15.3.214>
- Bb.10. Vlad Gheorghită**, Optimization of a Nonconventional Machining Process using Multi-Criteria Selection Methods, International Journal of Modern Manufacturing Technologies 2024
- Bb.11. Vlad Gheorghită**, Optimization of Mobile Systems for Disabled Peoples using 3D Printing, International Journal of Modern Manufacturing Technologies, ISSN 2067–3604, Vol. XV, No. 1 / 2023, Trimisa: September 18, 2022 / Acceptata: June 15, 2023 / Online: 20 Iunie 2023 <https://doi.org/10.54684/ijmmt.2023.15.1.166>
- Bb.12. Vlad Gheorghită**, Control of Technical Parameters of Industrial Products through Machine Vision, 42nd IBIMA Conference: 22-23 Noiembrie 2023, ISBN: 979-8-9867719-0-8, Sevilla, Spania
- Bb.13. Vlad Gheorghită**, Geantă Florin Adrian, Design of an Experimental Model of a System for Product Sorting Through Image Processing, Annals of DAAAM & Proceedings. 2023, Vol. 34, No.1, pp. 203-208, ISSN:1726-9679, ISBN 978-3-902734-41-9, DOI:10.2507/34th.daaam.proceedings.026
- Bb.14. Vlad Gheorghită**, Ștefan Alexandru Stanciu, The Design of an Experimental Model for Verifying The Dimensions of Industrial Products, IBIMA 44th Conference, ISSN 2767-9640
- Bb.15. Vlad Gheorghită**, Measurement System Analysis for the Dimensional Control of a Tooth Gear, International Journal of Engineering Research and Applications (IJERA), ISSN 2248-9622, Vol. 14, Issue 11, Noiembrie 2024

Bc. Articole publicate în Reviste de Specialitate neindexate

- Bc.01. Emanuel Ivan, Vlad Gheorghită**, Designing an Algorithm and Developing a Computer Application for Automating the Document Flow required for Domain Practice Activity, industrialengineeringjournal.eu, 2023
- Bc.02. Dănuț Sebastian Pintilie, Vlad Gheorghită**, Design of an Algorithm and Development of an Online Application for Managing the Structure of Products, industrialengineeringjournal.eu, 2023

Bc.03. Andrei Marius Dumitru, Tom Savu, **Vlad Gheorghită**, Designing and Implementing an Experimental Model System for Capturing and Processing Images of Cereal Crops, *industrialengineeringjournal.eu*, 2023

Bc.04. Florin Adrian Geantă, **Vlad Gheorghită**, Design and Realization of an Experimental Model of a Modular Product Sorting System, *industrialengineeringjournal.eu*, 2023

Bd. Articole publicate în Volumele unor Conferințe Științifice Internaționale indexate ISI

Bd.01. **Vlad Gheorghită**, Cătălin Gheorghită, „Matlab Application for The Analysis of Existing Systems with the Purpose of Developing New Products”, IMANE Innovative Manufacturing Engineering & Energy International Conference, Chișinău, IOP Conf. Series: Materials Science and Engineering 400 (2018) 062011, 31 Mai-2 Iunie, 2018, doi:10.1088/1757-899X/400/6/062011, **WOS:000461147400153**

Bd.02 **Vlad Gheorghită**, Cătălin Gheorghită, „Applying Regression Analysis to Optimize the Length of Components of a Six Bar Mechanism”, ModTech, IOP Conf. Series: Materials Science and Engineering 400 (2018) 042024, Constanța, 13-16 Iunie, 2018, doi:10.1088/1757-899X/400/4/042024, **WOS:000461147400096**.

Bd.02. **Vlad Gheorghită**, ... „Dimensions of Customer-Based Assistive Technology Innovation: Exploring Marketing Strategy through Developing a Wheelchair for People with Disabilities in Romania”, 34th Conference IBIMA, Madrid, Noiembrie, 2019, **WOS 000556337405039**.

C. CĂRȚI

Ca. Cărți publicate în Edituri Naționale cu ISBN și în edituri recunoscute CNCSIS

Ca.01. **Vlad Gheorghită**, Instrumentație Virtuală în LabVIEW - Teorie și Aplicații, Editura Matrix Rom, București, 2024, ISBN 978-606-25-0864-7

Ca.02. **Vlad Gheorghită**, Dezvoltarea Durabilă...a Produselor - Suport de Curs, Editura Matrix Rom, București, 2024, ISBN 978-606-25-0939-2

D. CULEGERI ȘI ÎNDRUMARE

Da. Lucrări publicate în Edituri Naționale cu ISBN

Da.01. **Vlad Gheorghită**, Materiale pentru Produse – Îndrumar de Laborator, Editura Matrix Rom, București, 2024, ISBN 978-606-25-0884-5

F. CONTRACTE DE CERCETARE

Fb. Contracte Naționale/Internaționale realizate ca Membru al Echipelor de Cercetare

Fb.01. UPB GEX 2017 - 51 / 25.09.2017 - PRELBIO - Analiza Prelucrabilității unor Biomateriale Metalice
Project Team Member

Fb.02. ITER - Improving Transitions, Enabling Results 2019-1-UK01-KA202-061465 Program Erasmus+, Project Team Member, <https://www.iter-project.info/>

Fb.03. Reinforcing Non-University Sector at the Tertiary Level in Engineering and Technology to Support Thailand Sustainable Smart Industry-ReCap4.0 no. 619325-EPP-1-2020-1-TH-EPPKA2-CBHE-JP Contract nr.10993C/06/04/2021 Project Team Member, <http://recap4.ait.ac.th/>

Fb.04. Project ADELE Nr 2021-1-IE01-KA220-ADU-000029436, Project Team Member, <https://www.adele-project.eu/>

Fb.05. FLOWS – Further Learning, Outreach and Working Skills Project no: 2022-I-TR01-KA220-YOU-000089240, Project Team Member, <https://www.flows-project.eu/index.php/en/>

Data: 10.12.2024

SL.Dr. Ing. Vlad Gheorghită

Semnătura



10.12.2024