

L I S T A

lucrărilor științifice

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A. Lucrări indexate ISI/BDI publicate în ultimii 10 ani

- [1] Bârsan A, Popp M O, Rusu G P and Maroșan A I 2021 Robot-based incremental sheet forming – the tool path planning *IOP Conference Series: Materials Science and Engineering* vol 1009 p 12004
- [2] Rusu G P, Bârsan A, Popp M O and Maroșan A 2021 Comparison between aluminum alloys behavior in incremental sheet metal forming process of frustum pyramid shaped parts *IOP Conference Series: Materials Science and Engineering* vol 1009 p 12054
- [3] Maroșan I-A and Constantin G 2021 Design of a modular locomotion system for autonomous mobile robots *MATEC Web of Conferences* vol 343 p 08006
- [4] Maroșan I-A and Constantin G 2021 Wireless communication based on Raspberry pi and Codesys for mobile robots using IoT technology *MATEC Web of Conferences* vol 343 p 08008
- [5] Crenganiș M, Breaz R E, Racz S G, Biriș C M, Gîrjob C E and Maroșan A I 2021 Development of a lightweight multipurpose high mobility vehicle for use in confined spaces *2021 International Automatic Control Conference (CACCS)* pp 1–6
- [6] Marosan A I, Constantin G, Barsan A, Crenganis M and Girjob C 2020 Creating an ethernet communication between a Simatic S7-1200 PLC and Arduino Mega for an omnidirectional mobile platform and industrial equipment *IOP Conference Series: Materials Science and Engineering* vol 968 p 12022
- [7] Barsan A, Crenganis M, Marosan A I and Chicea A L 2020 Tool-holder working unit used for robot-based incremental sheet forming *IOP Conference Series: Materials Science and Engineering* vol 968 p 12023
- [8] Marosan A and Constantin G 2020 Pid Controller Based on a Gyroscope Sensor for an Omnidirectional Mobile Platform *Proc. Manuf. Syst.* **15** 27–34
- [9] BÂRSAN A, POPP M O, Gabriela-Petruța R and MAROȘAN I-A 2020 ROBOT-FORMING--INDUSTRIAL, ROBOTS USED IN SINGLE POINT INCREMENTAL FORMING PROCESS *Bul. ȘTIINȚIFIC Supl.* 152
- [10] Marosan I A, Constantin G, Chicea A and Bârsan A 2020 Study regarding the autonomous mobile platforms used in industry *Acta Univ. Cibiniensis - Ser. E Food Technol.* **72** 49–56

- [11] Marosan I A, Constantin G, Biris C and Girjob C 2020 A model locomotion system for mobile platforms omnidirectional serving the industrial environment Acta Univ. Cibiniensis - Ser. E Food Technol. 72 23–30
- [12] Racz S.G., Crenganiş M., Bârsan A., Maroşan I.A. (2019). Omnidirectional Autonomous Mobile Robot With Mecanum Wheel , The Scientific Bulletin Addendum, 4, 112-124.

B. Lucrări publicate în ultimii 10 anii în reviste și volume de conferințe cu referenți (neindexate)

• *Reviste*

- [1] Bârsan, A., Maroşan, I.A. (2020). Design and simulation of a reverse pendulum robot, Buletin științific, 5, 176-179.
- [2] Bârsan, A., Maroşan, I.A. (2019). Lawn mowing service robot, Buletin științific, 4, 145-147.

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Semnătura: