

Издадена книга:

Иван Чавдаров, Моделиране на работи с 3D принтер, Издателство: УИ "Св. Климент Охридски", страници 188, ISBN 9789540744551, 2018 г. - https://unipress.bg/index.php?route=product/product&product_id=441

Публикувани статии:

1. Chavdarov I., Trifonov R., Pavlova G., Budakova D., Manipulability and Kinematic Dependences of a Leg of the Six-Legged Robot, ACM International Conference Proceeding Series, CompSysTech'18 International Conference, University of Ruse, Bulgaria, pp. 116-119, ISBN 978-1-4503-6425-6, <https://dl.acm.org/citation.cfm?id=3274010>, SCOPUS

2. Chavdarov, I., R. Trifonov, G. Pavlova. **Innovative Technologies and Materials in Robotics**. International Scientific Conference Computer Science'2018. Kavala, 13-15 September 2018, p.54-60, ISBN: 978-619-167-177-9, http://www.conf.cceng.eu/_eProceeding/pdf/page_54.pdf

3. Chavdarov I., Dachkinov P., Elenchev G., Iliev R., Stoianov I., Mincheva S., Krastev A., (2018). **3D PRINTED HUMANOID HAND**, Proceedings of the International Conference "Robotics & Mechatronics and Social Implementations" 2018, ISSN 1310-8255, pp. 107-111, https://www.researchgate.net/publication/328581058_3D_PRINTED_HUMANOID_HAND

4. Chavdarov, I., B. Najdenov, S. Kostova, A. Krastev and A. Lekova, "Development and Applications of a 3D Printed Walking Robot - Big-Foot", 26th International Conference on Software, Telecommunications and Computer Networks (SoftCOM 2018), Split, Croatia, 13-15 September 2018, 8555843, pp. 407-412q DOI: 10.23919/SOFTCOM.2018.8555843, <https://ieeexplore.ieee.org/document/8555843/references#references>, IEEE Xplore, SCOPUS, WEB OF SCIENCE

5. A. Lekova, M. Dimitrova, S. Kostova, O. Bouattane and L. Ozaeta, "BCI for Assessing the Emotional and Cognitive Skills of Children with Special Educational Needs," 2018 IEEE 5th International Congress on Information Science and Technology (CiSt), Marrakech, Morocco, 2018, pp. 400-403. doi: 10.1109/CIST. 2018.8596571 <https://ieeexplore.ieee.org/abstract/document/8596571>, IEEE Xplore, SCOPUS, WEB OF SCIENCE

6. Chavdarov I., Nikolov K., Naydenov B., Instant center of rotation of the robot Big foot during motion and overcoming an obstacle, Comptes rendus de l'Academie bulgare des Sciences, Proceedings of the Bulgarian Academy of Sciences, ISSN1310-1331, 2019, Volume 72, Issue No6, pp. 803-810,

<http://www.proceedings.bas.bg>, WEB OF SCIENCE, SCOPUS, IF: 00.321, SJR: 0.205, (WEB OF SCIENCE Q4)

7. Lekova A., Chavdarov I., Naydenov B., Krastev A., Kostova S., **Brain-inspired IoT Controlled Walking Robot – Big-Foot**, Advances in Science, Technology and Engineering Systems Journal (ASTESJ), Vol 4, Issue 3, pp. 220-226, 2019, ISSN: 2415-6698, https://www.astesj.com/publications/ASTESJ_040329.pdf, SCOPUS

8. Budakova D., Pavlova G., Trifonov R. and Chavdarov I., Obstacle avoidance algorithms for mobile robots, 20-th International Conference on Computer Systems and Technologies CompSysTech'19, 21-22 June 2019, University of Ruse, Bulgaria, <http://www.compsystech.org/docs/CST19-Programme.pdf>, SCOPUS

9. Chavdarov I., Nikolov V., Naydenov B., Boiadjiev G., Design and Control of an Educational Redundant 3D Printed Robot, 2019, 27th International Conference on Software, Telecommunications and Computer Networks (SoftCOM), WEB OF SCIENCE, SCOPUS, IEEE, ISSN:1847-358X, DOI:10.23919/SOFTCOM.2019.8903825, <https://ieeexplore.ieee.org/abstract/document/8903825>

10. Stefanov A., Chavdarov I., Nedanovski D., Boiadjiev G., Dynamics and control of a 3D printed walking robot, 2019, 27th International Conference on Software, Telecommunications and Computer Networks (SoftCOM), WEB OF SCIENCE, SCOPUS, IEEE, ISSN:1847-358X, DOI:10.23919/SOFTCOM.2019.8903684/, <https://ieeexplore.ieee.org/document/8903684>

11. Lekova A., Tanev T., Vassileva-Aleksandrova V, Kostova S., Dachkinov P., Bouattane O., Social Robots for Reinforcing Attention and Forming Emotional Knowledge of Children with Special Educational Needs, iJIST The International Journal of Information Science & Technology. Vol 3, No 6 (2019), ISSN: 2550-5114, <https://www.innove.org/ijist/index.php/ijist/article/view/119>

12. Chavdarov I., Naydenov B., Design and kinematics of a 3-D printed walking robot “Big Foot”, overcoming obstacles, International Journal of Advanced Robotic Systems, November-December 2019: 1–12^a, 2019 DOI: 10.1177/1729881419891329journals.sagepub.com/home/arx , WEB OF SCIENCE, SCOPUS, IF: 00.86, SJR: 0.334, (WEB OF SCIENCE Q4), (SCOPUS Q2), <https://journals.sagepub.com/doi/full/10.1177/1729881419891329>

Данни за цитирани статии и автори:

1. Chavdarov I., Trifonov R., Pavlova G., Budakova D., Manipulability and Kinematic Dependences of a Leg of the Six-Legged Robot, ACM International

Conference Proceeding Series, CompSysTech'18 International Conference, University of Ruse, Bulgaria, pp. 116-119, ISBN 978-1-4503-6425-6, <https://dl.acm.org/citation.cfm?id=3274010>, SCOPUS

Статията е цитирана в:

1.1. Pachidis, T., Vrochidou, E., Papadopoulou, C.I., (...), Bonković, M. Papić, V. Integrating Robotics In Education And Vice Versa; Shifting From Blackboard To Keyboard, 2019, International Journal of Mechanics and Control, 20(1), pp. 53-69 (SCOPUS),

https://www.researchgate.net/publication/334720879_Integrating_Robotics_in_Education_and_Vice_Versa_Shifting_from_Blackboard_to_Keyboard

1.2. Patrick McDowell, Kuo-Pao Yang, Emergent Behavior based Limb Control using the Repulsive Root Technique, International Journal of Engineering Research & Technology (IJERT), ISSN: 2278-0181 (This work is licensed under a Creative Commons Attribution 4.0 International License) Published by: www.ijert.org, Vol.8, Issue 11, November-2019, pp. 264-267, <https://www.ijert.org/emergent-behavior-based-limb-control-using-the-repulsive-root-technique>