

REFERENCES

- [1] Gopal BRRAK. Mobile Intelligent Autonomous Systems-Taylor & Francis, CRC Press. 2012.
- [2] Inoue Y, Hiramata T, Wada M, editors. Design of omnidirectional mobile robots with ACROBAT wheel mechanisms. 2013 IEEE/RSJ International Conference on Intelligent Robots and Systems; 2013 3-7 Nov. 2013.
- [3] Jacobs T, Connette C, Haegele M, Verl A, editors. Design of wheel modules for non-holonomic, omnidirectional mobile robots in context of the emerging control problems. Robotics; Proceedings of ROBOTIK 2012; 7th German Conference on; 2012 21-22 May 2012.
- [4] Lauria M, Nadeau I, Lepage P, Morin Y, Giguere P, Gagnon F, et al., editors. Design and Control of a Four Steered Wheeled Mobile Robot. IECON 2006 - 32nd Annual Conference on IEEE Industrial Electronics; 2006 6-10 Nov. 2006.
- [5] Zhang Z, Li W, Li L, editors. Design and implementation of two-wheeled mobile robot by variable structure Sliding Mode Control. 2016 35th Chinese Control Conference (CCC); 2016 27-29 July 2016.
- [6] Diansheng C, Yu H, Tianshan L, editors. Structural design and simulation of crossing obstacle of a robot with wheel-legs. 2008 IEEE/ASME International Conference on Advanced Intelligent Mechatronics; 2008 2-5 July 2008.
- [7] Kenneally G, De A, Koditschek DE. Design Principles for a Family of Direct-Drive Legged Robots. IEEE Robotics and Automation Letters. 2016;1(2):900-7.
- [8] Oosedo A, Konno A, Matumoto T, Go K, Masuko K, Abiko S, et al., editors. Design and simulation of a quad rotor tail-sitter unmanned aerial vehicle. System Integration (SII), 2010 IEEE/SICE International Symposium on; 2010 21-22 Dec. 2010.
- [9] Kim J, Sukkarieh S. Autonomous airborne navigation in unknown terrain environments. IEEE Transactions on Aerospace and Electronic Systems. 2004;40(3):1031-45.
- [10] Nascimento DAd, Rufino CZ, Oliveira SC, Feitosa MAF, editors. Modeling and Design of an Autonomous Unmanned Aerial Vehicle Quadrotor Prototype for Applications in Swarm of Robots. Robotics Symposium and Latin American Robotics Symposium (SBR-LARS), 2012 Brazilian; 2012 16-19 Oct. 2012.
- [11] Anwar I, Mohsin MO, Iqbal S, Abideen ZU, Rehman AU, Ahmed N, editors. Design and fabrication of an underwater remotely operated vehicle (Single thruster configuration). 2016 13th International Bhurban Conference on Applied Sciences and Technology (IBCAST); 2016 12-16 Jan. 2016.
- [12] Costa D, Palmieri G, Palpacelli MC, Callegari M, Scaradozzi D, editors. Design of a bio-inspired underwater vehicle. 2016 12th IEEE/ASME International Conference on Mechatronic and Embedded Systems and Applications (MESA); 2016 29-31 Aug. 2016.
- [13] Oktafianto K, Herlambang T, Mardijah, Nurhadi H, editors. Design of Autonomous Underwater Vehicle motion control using Sliding Mode Control method. 2015 International Conference on Advanced Mechatronics, Intelligent Manufacture, and Industrial Automation (ICAMIMIA); 2015 15-17 Oct. 2015.
- [14] M. Asif and K. M Junaid , "Feedforward and Feedback Kinematic Controllers for Wheeled Mobile Robot Trajectory Tracking," Journal of Automation and Control Engineering, vol. 3, no. 3, 2015.
- [15] Hui L, Liyuan P, Pei S, Hehua J, editors. Controller design for wheeled mobile robots using a finite frequency domain approach. 2012 24th Chinese Control and Decision Conference (CCDC); 2012 23-25 May 2012.
- [16] F. Arvin, "Design of a differential-drive wheeled robot controller with pulse-width modulation," in Innovative Technologies in Intelligent Systems and Industrial Applications, CITISIA, IEEE, Monash, 2009.
- [17] W. Sun, Y.-Q. Wu and Z.-Y. Sun, "Tracking Control Design for Nonholonomic Mechanical Systems with Affine Constraints," International Journal of Automation and Computing, vol. V11(3), pp. 328-333, 2014.
- [18] L. Pacheco and N. Luo, "Testing PID and MPC Performance for Mobile Robot Local Path-following," international journal of advanced robotic system INTEC, 2015.
- [19] F. Arvin, "Design of a differential-drive wheeled robot controller with pulse-width modulation," in Innovative Technologies in Intelligent Systems and Industrial Applications, CITISIA, IEEE, Monash, 2009.
- [20] A. Unluturk, O. Aydogdu and U. Guner, "Design and PID control of two wheeled autonomous balance robot," in ICECCO, IEEE, Ankara, Turkey, 2013.
- [21] S. G. Tzafestas, Introduction to Mobile robot control. In: Fuzzy and Neural Methods, Athens: Elsevier, 2014, pp. 269-301.