

DAFTAR PUSTAKA

- [1] Y. Yang, L. Ding dan A. Rovetta, "Analysis of typical locomotion of a symmetric hexapod robot," *Robotica*, vol. 28, no. 6, p. 1, 2010.
- [2] Cosmin Copot, Clara M Ionescu, Robin De Keyser, "Body Leveling of Hexapod Robot using the Concept of Sensor Fusion," dalam *21st International Conference on System Theory, Control and Computing (ICSTCC)*, Belgium, 2017.
- [3] Timon Homberger, Marko Bjelonic, Navinda Kottege, Paulo V. K. Borges, "Springer Proceedings in Advanced Robotics," *Terrain-Dependant Control of Hexapod Robots Using Vision*, vol. 1, pp. 92-102, 2016.
- [4] J. B. J. E. K. K. E. L. C. M. a. J. M. Fredrik K. Gustafsson, "Youtube," Linköping University, Juni 2016. [Online]. Available: <http://www.fregu856.com/project/spiderpig/>. [Diakses 21 November 2020].
- [5] Rudy dan Lukas, "Pergerakan Jalan Stabil Robot Hexapod di Atas Medan yang Tidak Rata," *TESLA*, vol. 19, no. 2, pp. 214 - 223, 2017.
- [6] J. Bertils, J. Ehn, F. Gustafsson, K. Kjellén, E. Ljungzell, C. Malmgren dan J. Månsson, "Konstruktion Av En Autonom Sexbent Reparationsrobot," Fredrik K. Gustafsson, Linköping, 2016.
- [7] P. Mitrouchev, "Kinematic Design and Description of Industrial Robotic Chains," dalam *Industrial Robotics Theory, Modelling, and Control*, Mammendorf, the pIV pro literatur Verlag Robert Mayer-Scholz, 2007, p. 98.
- [8] S. Kajita and C. Ott, "Limbed Systems," in *Springer Handbook of Robotics*, Berlin, Springer-Verlag, 2016, p. 421.
- [9] X. Ding, Z. Wang dan A. R. d. J. Zhu, "Locomotion analysis of hexapod robot.," 1 Maret 2010. [Online]. Available: <https://www.intechopen.com/books/climbing-and-walking-robots/locomotion-analysis-of-hexapod-robot>. [Diakses 27 November 2020].
- [10] D. L. Pieper, "The kinematics of manipulators under computer control," Clearinghouse, Stanford, 1968.

- [11] B. Siciliano and O. Khatib, "Inverse Kinematics," in *Springer Handbook of Robotics 2nd Edition*, Berlin, Springer-Verlag, 2016, p. 29.
- [12] "A Geometric Approach to Inverse Kinematics of a 3-DOF Robotic Arm," *International Journal for Research in Applied Science & Engineering Technology (IJRASET)*, vol. 6, no. I, p. 352, 2018.
- [13] D. J. Hall, "Introduction," in *Robotic Sensing Devices*, Pittsburgh, Carnegie-Mellon University, 1984, p. 1.
- [14] d. Robert Racz, "Electronic Compass Sensor," dalam *IEEE*, Melexis, 2004.
- [15] A. Lawrence, *Technology, Modern Inertial*, Pepperell: Springer-Verlag, 1993.
- [16] "Gyroscope Systems," in *Handbook of Robotics 2nd*, Berlin, Springer-Verlag, 2016, p. 739.
- [17] S. Mraz, "What's the Difference Between Pitch, Roll, and Yaw?," *Machina Design*, 12 Juni 2014. [Online]. Available: <https://www.machinedesign.com/learning-resources/engineering-essentials/article/21834526/whats-the-difference-between-pitch-roll-and-yaw>. [Accessed 28 November 2020].
- [18] K. Ogata, "Time-Domain Analysis and Design of Control Systems," dalam *System Dynamics 4th Edition*, Upper Saddle River, Pearson Prentice Hall, 2002, p. 503.
- [19] N. S. Nise, "Open-Loop System," dalam *CControl System Engineering 6th Edition*, Jefferson City, John Wiley & Sons, Inc., 2011, p. 8.
- [20] A. M, "PID Control," in *Encyclopedia of Life Support Systems (EOLSS)*, vol. II, Japan, United Nations Educational, Scientific and Cultural Organization, 2009.
- [21] Mathworks, "System Identification Overview," Mathworks, [Online]. Available: <https://www.mathworks.com/help/ident/gs/about-system-identification.html#:~:text=System%20identification%20is%20a%20methodology,Select%20a%20model%20structure..> [Accessed 27 November 2020].
- [22] "Black-box models from input-output measurements," in *Conference: Instrumentation and Measurement Technology Conference*, Linkoping, Swedia, 2001.
- [23] A Department for Education project at the University of Cambridge, "Centre of Mass," Departement for Education University of Cambridge, [Online].

Available: https://isaacphysics.org/concepts/cp_centre_mass. [Diakses 4 Desember 2020].

- [24] B. Siciliano and O. Khatib, "Stability Analysis - Not Falling Down," in *Handbook of Robotics 2nd Edition*, Berlin, Springer-Verleg, 2016, p. 1210.
- [25] F. A. Reheem, "Modified Stability Analysis for Hexapod Robot Path Planning on Incline Plane," in *Conference: III International Scientific Conference for educators, scholars, undergraduates & PhD students of higher education establishments*, Novochoerkassk, 2016.
- [26] beagleboard.org, "BeagleBone Black," BeagleBoard.org Foundation, [Online]. Available: <https://beagleboard.org/black>. [Diakses 16 November 2020].
- [27] Robotis, "MX-28AR, MX-28AT (Protocol 2.0)," [Online]. Available: <https://emanual.robotis.com/docs/en/dxl/mx/mx-28-2/>. [Accessed 17 November 2020].
- [28] Robotis, "AX-18A," [Online]. Available: <https://emanual.robotis.com/docs/en/dxl/ax/ax-18a/>. [Accessed 17 November 2020].
- [29] Components 101, "Buck Converter: Basics, Working, Design and Operation," Components101, 26 April 2019. [Online]. Available: <https://components101.com/articles/buck-converter-basics-working-design-and-operation>. [Accessed 17 November 2020].
- [30] C. W. d. Silvia, Second Edition Sensor and Actuator Engineering System and Actuation, Boca Raton: CRC Press Tylo Francis Group, 2016.
- [31] E. Coker, "Understanding Types of Servo Motors and How They Work," Make: Community, 13 Mei 2016. [Online]. Available: <https://makezine.com/2016/05/13/understanding-types-of-servo-motors-and-how-they-work/>. [Diakses 17 November 2020].
- [32] Microsonic, "Ultrasonic technology," Microsonic, [Online]. Available: <https://www.microsonic.de/en/support/ultrasonic-technology/principle.htm>. [Accessed 28 November 2020].