

## DAFTAR PUSTAKA

- [1] Biro Komunikasi dan Informasi Publik. (2016, February 6). On Time Performance 15 Maskapai Berjadwal Periode Juli-Desember 2015 Sebesar 77,16% (1st ed.) [Online]. Available: <http://dephub.go.id/post/read/on-time-performance-15-maskapai-berjadwal-periode-juli-desember-2015-sebesar-77,16>
- [2] B.L.E.A. Balasuriya et al, "Outdoor Robot Navigation Using Gmapping Based SLAM Algorithm," in *2016 Moratuwa Engineering Research Conference (MERCOn)* , Moratuwa, Srilanka, 2016.
- [3] N. M. Yatim and N. Buniyamin, "Particle Filter in Simultaneous Localization and Mapping (SLAM) Using Differential Drive Mobile Robot," in *Jurnal Teknologi* 77, Johor Bahru, Malaysia, 2015.
- [4] Bruno M. F. da Silva et al, "Experemintal Evaluation of ROS Compatible SLAM Algorithms for RGB-D Sensors," in *2017 Latin American Robotics Symposium (LARS) and 2017 Brazilian Symposium on Robotics (SBR)*, Curitiba, Brazil, 2017.
- [5] W. R. Abdulmajeed and R. Z. Mansoor, " Implementing Autonomous Navigation Robot for building 2D Map of Indoor Environment," in *International Journal of Computer Applications*, London, United Kingdom, 2014.
- [6] Priyank Kashyap et al, "An Autonomous Simultaneous Localization and Mapping Walker for Indoor Navigation," in *2018 IEEE 39th Sarnoff Symposium*, Newark, NJ, USA, 2018.
- [7] M. Quigley, K. Conley, B. Gerkey, J. Faust, T. B. Foote, J. Leibs, R. Wheeler, and A.Y. Ng, "ROS: An open-source robot operating system, " in *Proc. ICRA Open-Source Softw. Workshop*, 2009
- [8] Clearpath, "Turtlebot2," Desember 2015. [Online]. Available: <https://clearpathrobotics.com/turtlebot-2-open-source-robot/> [Accessed 10 September 2019].

- [9] SLAM For Dummies, MIT Edu..., Boston, 2004.
- [10] S. Roland, N. Illah R., S. Davide, "Introduction to Autonomous Mobile Robot 2nd edition," 2011.
- [11] Perera S., Barnes D., Zelinsky D. (2014) Exploration: Simultaneous Localization and Mapping (SLAM). In: Ikeuchi K. (eds) Computer Vision. Springer, Boston, MA.
- [12] Armansyah A., Hidayatulloh S., and Herliana, "Perancangan dan Pembuatan Alat Scanner 3D Menggunakan Sensor Kinect XBOX 360", in *Jurnal Informatika*, vol.5, pp.128-136, 2018.
- [13] Sankrit H., M. Pulkit, J.B. Panwala, and G.P. Chandrashekhar, "Indoor SLAM using Kinect Sensor", in *International Journal of Science Technology & Engineering*, vol. 2, pp.1228, 2016.
- [14] Blackwell, D., "Conditional Expectation and Unbiased Sequential Estimation," *Annals of Mathematical Statistics* 18: 105-110, 1947
- [15] Rao, C.R. "Information and Accuracy Obtainable in Estimation of Statistical Parameters," *Bulletin of the Calcutta Mathematical Society* 37: 81-91, 1945
- [16] J. Bongard, "Probabilistic Robotics. Sebastian Thrun, Wolfram Burgard, and Dieter Fox. (2005, MIT Press.) 647 pages," in *Artificial Life*, vol. 14, no. 2, pp. 227-229, April 2008.
- [17] Imen Chaari et al, "Research Article Design and performance analysis of global path planning techniques for autonomous mobile robots in grid environments", in *2017 International Journal of Advance Robotic Systems*, Manouba, Tunisia, 2017.
- [18] Sebastian Lague, "A\* Pathfinding (E01: algorithm explanation)," December 2014. [Online]. Available: <https://www.youtube.com/watch?v=-L-WgKMFuhE&feature=youtu.be> [Accessed 13 September 2019].



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**Perencanaan Gerakan pada Kobuki Yujin untuk Aplikasi Robot Pembawa Multifungsi di Bandara :  
Perencanaan Lokalisasi**

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- [19] Dieter Fox, Wolfram Burgard, and Sebastian Thrun. “The dynamic window approach to collision avoidance”. IEEE Robotics and Automation Magazine, 4(1):23- 33, March 1997.
- [20] Ros Wiki, "Navigation Stack," July 2018. [Online]. Available: <http://wiki.ros.org/navigation/Tutorials/RobotSetup> [Accessed 12 September 2019].