

REFERENCES

- [1] A. Saphala, "Reconfiguration and Implementing of Robot Operating System for Mapping and Navigation on Human Follower Transporter Robot," BSD City, Tangerang Selatan, 2014.
- [2] "ROS: Documentation," [Online]. Available: <http://wiki.ros.org>. [Accessed August 2016].
- [3] "Kinect Hardware," [Online]. Available: <https://developer.microsoft.com/en-us/windows/kinect/hardware>. [Accessed August 2016].
- [4] "What is Arduino?," [Online]. Available: <https://www.arduino.cc/en/Guide/Introduction>. [Accessed August 2016].
- [5] F.K. Mista, "Development of Trajectory Planner Based on Lagrange Polynomial and B-spline Equations for an Autonomous Follower Transporter Robot," BSD City, Tangerang Selatan, 2013.
- [6] W. Tjiu, "Development of Execution and Monitoring Architecture Modules for an Autonomous Human Follower Transporter Robot," BSD City, Tangerang Selatan, 2013.
- [7] "Download Ubuntu Desktop," [Online]. Available: <https://www.ubuntu.com/download/desktop>. [Accessed September 2016].
- [8] "Ubuntu install of ROS Kinetic," [Online]. Available: <http://wiki.ros.org/kinetic/Installation/Ubuntu>. [Accessed September 2016].
- [9] "Ubuntu install of ROS Indigo," [Online]. Available: <http://wiki.ros.org/indigo/Installation/Ubuntu>. [Accessed September 2016].
- [10] "Install Ubuntu 16.04 LTS," [Online]. Available: <https://www.ubuntu.com/download/desktop/install-ubuntu-desktop>. [Accessed September 2016].
- [11] "Download the Arduino Software," [Online]. Available: <https://www.arduino.cc/en/Main/Software>. [Accessed September 2016].
- [12] "Install the Arduino Software (IDE) on Linux," [Online]. Available:

<https://www.arduino.cc/en/guide/linux>. [Accessed September 2016].

[13] J.M. O’Kane. (2014), A Gentle Introduction to ROS [Online]. Available: http://www.ieee.org/documents/style_manual.pdf. [Accessed September 2016].

[14] "Creating a ROS Package," [Online]. Available: <http://wiki.ros.org/ROS/Tutorials/CreatingPackage>. [Accessed September 2016].

[15] "Navigation," [Online]. Available: <http://wiki.ros.org/navigation>. [Accessed October 2016].

[16] "Setup and Configuration of the Navigation Stack on a Robot," [Online]. Available: <http://wiki.ros.org/navigation/Tutorials/RobotSetup>. [Accessed October 2016].

[17] "freenect_Launch," [Online]. Available: http://wiki.ros.org/freenect_launch. [Accessed October 2016].

[18] "depthimage_to_laserscan," [Online]. Available: http://wiki.ros.org/depthimage_to_laserscan. [Accessed October 2016].

[19] C. Sungjik, "Sung’s Blog: My Personal Robotic Companion," [Online]. Available: https://sungjik.wordpress.com/2015/09/28/my_personal_robotic_companion/. [Accessed November 2016].

[20] "roserial_arduino," [Online]. Available: http://wiki.ros.org/roserial_arduino. [Accessed November 2016].

[21] "Arduino IDE Setup," [Online]. Available: http://wiki.ros.org/roserial_arduino/Tutorials/Arduino%20IDE%20Setup. [Accessed November 2016].

[22] "gmapping," [Online]. Available: <http://wiki.ros.org/gmapping>. [Accessed December 2016].

[23] "freenect_stack," [Online]. Available: http://wiki.ros.org/freenect_stack. [Accessed December 2016].