REFERENCES

- [1] Roberto Olmi, "Traffic Management of Automated Guided Vehicles in Flexible Manufacturing Systems," Università degli Studi di Ferrara, PhD Thesis 2011.
- [2] Alfredo Yohanes, "Designing and Constructing an Autonomous Mobile Robot with Stereo Vision System for Obstacle Avoidance and Localization," Swiss German University, Tangerang, Bachelor Thesis 2012.
- [3] Jervis B. Webb. (1919) Jervis B. Webb Company. [Online]. http://www.jervisbwebb.com/Products/guidance_options.aspx?pid=308&qs=1_6_
- [4] Zuria Zaidura Hassan, "Automated Guided Vehicle (AGV) using 68HC11 Microcontroller," Kolej Universiti Kejuteraan & Teknologi, Malaysia, Bachelor Degree Thesis 2006.
- [5] Trevor Skipp, "AUTOMATED GUIDED VEHICLE," University of Florida, Florida, 2005.
- [6] Humberto Martinez Barbera, Juan Pedro Canovas Quinonero, Miguel A. Zamora Izquierdo, and Antonio Gomez Skarmeta, "i-Fork: a Flexible AGV System using Topological and Grid Maps," pp. 1-6.
- [7] Bengt Gunnarsson, "Laser Guided Vehicle Java and MATLAB for Control," Lulea University of Technology, Master Thesis 1402-1617,.
- [8] Alonzo Kelly, Bryan Nagy, David Stager, and Ranjith Unnikrishnan, "An Infrastructure-Free Automated Guided Vehicle Based on Computer Vision," pp. 1-13.
- [9] Karl H. Ruhm, "Sensor fusion and data fusion Mapping and reconstruction," August 2006.
- [10] Brianiko Kurniawan, "Designing and Constructing an Autonomous Mobile Robot Using GPS With Stereo Vision System as Obstacle Avoidance in Outdoor Environment," Swiss German University, Tangerang, Bachelor Thesis 2012.
- [11] Y. M. El-Sherbiny, A. T. Hasouna, and W. Y. Ali, "Friction Coefficient of Rubber Sliding Against Flooring Materials," vol. VII, no. 1, pp. 1-6, January

2012.

- [12] Winson Tewira, "Development of Path Planning Based on Lagrange Polynomial Method for Dynamic Obstacle Avoidance of Take Over and Crossroad Maneuver Using Kinect Sensor of a Mobile Robot," Swiss German University, Tangerang, Bachelor Thesis 2013.
- [13] Prianggada Indra Tanaya, "A Task Driven Prototype CNC Machine-Tool Controller Holon," Katholieke Universiteit Leuven, Leuven, Doctoral Thesis 90-5682-176-8, 1999.
- [14] Krisna Indradewa, "System Improvement for Increased Mobility and Implementation of Wireless Control to a Mobile Tank Robot," Swiss German University, BSD City, Bachelor Thesis 2012.

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