

Works Cited

- Coulter, R. Craig. "Implementation of the Pure Pursuit Path Tracking Algorithm." The Robotics Institute at Carnegie Mellon University, CMU-RI-TR-92-01, 1992, www.ri.cmu.edu/pub_files/pub3/coulter_r_craig_1992_1/coulter_r_craig_1992_1.pdf.
- Crowley, James. "Asynchronous Control of Translation and Rotation in a Robot Vehicle." Proceedings. IEEE/RSJ International Workshop on Intelligent Robots and Systems '. (IROS '89) 'The Autonomous Mobile Robots and Its Applications, Tsukuba, Japan, 1989, pp. 650-655, doi: 10.1109/IROS.1989.637974.
- De Luca, Alessandro, et al. "Control of Wheeled Mobile Robots: An Experimental Overview." *Ramsete: Articulated and Mobile Robotics for Services and Technologies*, 2001, doi: 10.1007/3-540-45000-9_8, https://www.researchgate.net/publication/225543929_Control_of_Wheeled_Mobile_Robots_An_Experimental_Overview.
- Giesbrecht, J, et al. "Path Tracking for Unmanned Ground Vehicle Navigation." <https://apps.dtic.mil/dtic/tr/fulltext/u2/a599492.pdf>.
- Hoffmann, Gabriel, et al. "Autonomous Automobile Trajectory Tracking for Off-Road Driving: Controller Design, Experimental Validation and Racing." *2007 American Control Conference*, New York, NY, 2007, pp. 2296-2301, doi: 10.1109/ACC.2007.4282788.
- Hogg, Robert, et al. "Algorithms and Sensors for Small Robot Path Following." https://www-robotics.jpl.nasa.gov/publications/Daniel_Helmick/PathFollowingICRA02.pdf.

Lundgren, Martin. "Path Tracking for a Miniature Robot." Department of Computing Science at Umeå University, 2003,

<http://www8.cs.umu.se/kurser/TDBD17/VT06/utdelat/Assignment%20Papers/Path%20Tracking%20for%20a%20Miniature%20Robot.pdf>.

OkapiLib. "OkapiLib." GitHub, <https://github.com/OkapiLib/OkapiLib>.

Ollero, Aníbal, and Guillermo Heredia. "Stability Analysis of Mobile Robot Path Tracking."

Proceedings 1995 IEEE/RSJ International Conference on Intelligent Robots and Systems.

Human Robot Interaction and Cooperative Robots, Pittsburgh, PA, USA, 1995, pp. 461-466 vol.3, doi: 10.1109/IROS.1995.525925.

Pendleton, Scott Drew, et al. "Perception. Planning, Control, and Coordination for Autonomous

Vehicles." *Mechatronics: Intelligent Machines*, Edited by Robert Parkin, 2017, doi:

10.3390/machines5010006, <https://www.mdpi.com/2075-1702/5/1/6/htm>.

Ringdahl, Ola, and Thomas Hellström. "Follow the Past - A Path Tracking Method Using

Recorded Orientation and Steering Commands." *Proceedings of The Third Swedish*

Workshop on Autonomous Robotics (SWAR05), 2005,

https://people.cs.umu.se/thomash/reports/ftp_ijvas_final.pdf.

Samuel, Moveh, et al. "A Review of some Pure-Pursuit based Path Tracking Techniques for

Control of Autonomous Vehicle"

Shan, Yunxiao, et al. "CF-Pursuit: A Pursuit Method with a Clothoid Fitting and a Fuzzy

Controller for Autonomous Vehicles." *International Journal of Advanced Robotics*

Systems, 2015, doi: 10.5772/61391, <https://journals.sagepub.com/doi/10.5772/61391>.

Sidhu, Anmol, et al. "Development and Implementation of a Path-Following Algorithm for an Autonomous Vehicle." *SAE Transactions*, vol. 116, 2007, pp. 314-320. *JSTOR*, www.jstor.org/stable/44719896.

Snider, Jarrod M. "Automatic Steering Methods for Autonomous Automobile Path Tracking." The Robotics Institute at Carnegie Mellon University, 2009, https://www.ri.cmu.edu/pub_files/2009/2/Automatic_Steering_Methods_for_Autonomous_Automobile_Path_Tracking.pdf.

Team 5225 – E-Bots πlons. "Introduction to Position Tracking" 7 Oct. 2018, <http://thepilons.ca/wp-content/uploads/2018/10/Tracking.pdf>.

Veness, Tyler. *Controls Engineering in the FIRST Robotics Competition*. <https://file.tavsys.net/control/controls-engineering-in-frc.pdf>.

Wagner, Petr, et al. "Path planning and tracking for robots based on cubic hermite splines in real-time," *2010 IEEE 15th Conference on Emerging Technologies & Factory Automation (ETFA 2010)*, Bilbao, 2010, pp. 1-8, doi: 10.1109/ETFA.2010.5641305.

Wallace, Richard, et al. "First Results in Robot Road-Following." The Robotics Institute at Carnegie Mellon University, 1985,

Wit, Jeffrey S. *Vector Pursuit Path Tracking for Autonomous Ground Vehicles*. 2000, <http://citeseerx.ist.psu.edu/viewdoc/download?doi=10.1.1.645.3260&rep=rep1&type=pdf>

Yeu, Tae-Kyeong, et al. "Path Tracking using Vector Pursuit Algorithm for Tracked Vehicles Driving on the Soft Cohesive Soil." *2006 SICE-ICASE International Joint Conference*, Busan, 2006, pp. 2781-2786, doi: 10.1109/SICE.2006.314707.