DAFTAR PUSTAKA

[1] G. Reina, A. Gentile, and A. Messina, "Tyre pressure monitoring using a dynamical model-based estimator," *Veh. Syst. Dyn.*, vol. 53, no. 4, pp. 568–586, Apr. 2015, doi: 10.1080/00423114.2015.1008017.

[2] S. D. Oduro, T. Alhassan, P. Owusu-Ansah, and P. Y. Andoh, "A mathematical model for predicting the effects of tyre pressure on fuel consumption," *Res. J. Appl. Sci. Eng. Technol.*, vol. 6, no. 1, pp. 123–129, 2013, doi: 10.19026/rjaset.6.4046.

[3] N. N. Hasan, A. Arif, M. Hassam, S. S. Ul Husnain, and U. Pervez, "Implementation of tire Pressure Monitoring System with wireless communication," in *2011 International Conference on Communications, Computing and Control Applications (CCCA)*, Mar. 2011, pp. 1–4, doi: 10.1109/CCCA.2011.6031524.

[4] J. M. S. Waworundeng, D. Fernando Tiwow, and L. M. Tulangi, "Air Pressure Detection System on Motorized Vehicle Tires Based on IoT Platform," *2019 1st Int. Conf. Cybern. Intell. Syst. ICORIS 2019*, vol. 1, no. August, pp. 251–256, 2019, doi: 10.1109/ICORIS.2019.8874904.

[5] J. Kocic, N. Jovicic, and V. Drndarevic, "Sensors and Sensor Fusion in Autonomous Vehicles," *2018 26th Telecommun. Forum, TELFOR 2018 - Proc.*, pp. 1–4, 2018, doi: 10.1109/TELFOR.2018.8612054.

[6] A. Rahman, M. Abdurohman, and A. G. Putrada, "Indicator Warning Refined Fuel Oil in A Motorcycle with Fuzzy Logic and Sound Navigaiotn through Smart Helmet," *Proceeding - 2019 Int. Symp. Electron. Smart Devices, ISESD 2019*, pp. 1–5, 2019, doi: 10.1109/ISESD.2019.8909616.

[7] R. A. Setiawan and D. M. Midyanti, "Rancang Bangun Alat Monitoring Tekanan Angin Ban Secara Real Time Menggunakan Metode Tsukamoto Pada Kendaraan Roda Empat," *J. Coding, Sist. Komput. Untan*, vol. 06, no. 03, pp. 54–65, 2018, [Online]. Available: http://jurnal.untan.ac.id/index.php/jcskommipa/article/download/27441/75676577835.

[8] E. N. Setyawan, S. Winardi, and K. Eko, "Pendeteksi Tekanan Udara Ban Pada Kendaraan Bermotor Untuk Safety Riding," *J. Santika*, vol. 4, no. September, pp. 68–73, 2019.

[9] Z. Azim, M. Ramdhani, and M. Sarwoko, "Alat Pengukur Tekanan Udara pada Ban Kendaraan Beroda Empat Berbasis Ardiuno," vol. 4, no. 3, pp. 3138–3144, 2017.

[10] A. A. B.Maheshwaran and M. S. Kumar, "Implementation of Tire Pressure Controlling System for Vehicles," *Int. J. Eng. Sci. Res. Technol.*, pp. 1062–1064, 2013, [Online]. Available: https://www.academia.edu/download/32739889/5.pdf.

[11] A. Elfasakhany, "Tire Pressure Checking Framework: A Review Study," *Reliab. Eng. Resil.*, vol. 1, no. 1, pp. 12–28, 2019, [Online]. Available: http://www.rengrj.com/article_86929.html%0Ahttp://www.rengrj.com/article_86929_d04b9ae22d6025acaf5d430f72cb4718.pdf.

[12] M. M. Hartanto Wibisono, "MOTORCYCLE MONITORING SYSTEM MELALUI SMARTPHONE ANDROID," *Sci. J. Widya Tek.*, vol. 19, no. 1, 2020.

[13] S. Sabatini, S. Formentin, G. Panzani, J. de-J. L. Santos, and S. M. Savaresi, "Motorcycle tire rolling radius estimation for TPMS applications via GPS sensing," in *2017 IEEE Conference on Control Technology and Applications (CCTA)*, Aug. 2017, pp. 1892–1897, doi: 10.1109/CCTA.2017.8062732.

[14] F. Klisura, "Regulation and tyre pressure monitoring system," no. November 2016, 2010.

[15] Ed Pike, "Opportunities to Improve Tire Energy Efficiency," *White Pap. Number 13*, no. 13, 2011, [Online]. Available: http://www.cetesb.sp.gov.br/userfiles/file/mudancasclimaticas/proclima../file/publicacoes/mitigacao/ingles/pike_opportunities.pdf.

[16] Q. Kang, X. Huang, Y. Li, Z. Xie, Y. Liu, and M. Zhou, "Energy-Efficient Wireless Transmissions for Battery-Less Vehicle Tire Pressure Monitoring System," *IEEE Access*, vol. 6, no. c, pp. 7687–7699, 2017, doi: 10.1109/ACCESS.2017.2778071.

[17] R. Putra, "Rancang Bangun Simulasi Pengukur Tekanan Udara pada Ban Kendaraan dengan Sensor

Tekanan MPX5700AP Berbasis Mikrokontroler Arduino," *Proj. Akhir II Jur. Metrol. dan Instrumentasi. Medan Univ. Sumatera Utara.*, 2019.

[18] A. Indriani, J. Johan, Y. Witanto, and H. Hendra, "Pemanfaatan Sensor Suhu LM 35 Berbasis Microcontroller ATmega 8535 Pada Sistem Pengontrolan Temperatur Air Laut Skala Kecil," *Rekayasa Mesin*, vol. 5, no. 2, pp. 183–192, 2014, doi: 10.21776/ub.jrm.

[19] Suyanto, *Soft Computing: " Membangun Mesin Ber-IQ Tinggi " . Bandung, Jawa Barat, Indonesia: Informatika, 2008.* Bandung: Informatika Bandung, 2008.

[20] S. Kusumadewi, I. Guswaludin, K. Sistem, P. Keputusan, and D. Support, "FUZZY MULTI-CRITERIA DECISION MAKING," vol. 3, no. 1, pp. 25–38, 2005.

[21] E. Haerani, "Analisa Kendali Logika Fuzzy Dengan Metode Defuzzifikasi COA (Center of Area), Bisektor, MOM (mean of Maximum), LOM (Largest of Maximum), DAN SOM (Smallest of Maximum)," *J. Sains dan Teknol. Ind.*, vol. 10, no. 2, pp. 245–253, 2014.