DAFTAR PUSTAKA

[1]   M. Ceylan, T. Sar, and A. Bal, "A Novel Lithium-Ion-Polymer Battery Model for Hybrid / Electric Vehicles," pp. 366–369, 2014.

[2]   M. Aziz, Y. Marcellino, I. A. Rizki, S. A. Ikhwanuddin, and J. W. Simatupang, "Studi Analisis Perkembangan Teknologi Dan Dukungan Pemerintah Indonesia Terkait Mobil Listrik," *TESLA J. Tek. Elektro*, vol. 22, no. 1, p. 45, 2020.

[3]   B. Emanet and I. Kiyak, "Performance Effective Battery Management System(BMS) Design of Mini Electric Vehicles," *ISMSIT 2021 - 5th Int. Symp. Multidiscip. Stud. Innov. Technol. Proc.*, pp. 744–749, 2021.

[4]   Y. Wang *et al.*, "A comprehensive review of battery modeling and state estimation approaches for advanced battery management systems," *Renew. Sustain. Energy Rev.*, vol. 131, no. July, p. 110015, 2020.

[5]   M. Kupper, A. Creutz, O. Stark, S. Krebs, and S. Hohmann, "Current and State of Charge Estimation of Lithium-Ion Battery Packs Using Distributed Fractional Extended Kalman Filters," *CCTA 2019 - 3rd IEEE Conf. Control Technol. Appl.*, pp. 462–469, 2019.

[6]   K. C. Lim, "Battery Management System for Electric Vehicles Battery Management System for Electric Vehicles Kai Chin LIM conferral of the degree : Doctor of Philosophy of The University of Wollongong," p. 125, 2017.

[7]   X. Lin, Y. Kim, S. Mohan, J. B. Siegel, and A. G. Stefanopoulou, "Modeling and Estimation for Advanced Battery Management," *Annu. Rev. Control. Robot. Auton. Syst.*, vol. 2, no. February 2020, pp. 393–426, 2019.

[8]   B. R. Dewangga, "Estimasi Arus Pada Battery Management System Berbasis Sensorless Current," *Univ. Gadjah Mada*, 2015.

[9]   A. M. S. M. H. S. Attanayaka, J. P. Karunadasa, and K. T. M. U. Hemapala, "Estimation of state of charge for lithium-ion batteries - A Review," *AIMS Energy*, vol. 7, no. 2, pp. 186–210, 2019.

[10]   L. Komsiyska *et al.*, "Implementation , and Potential for Electric Vehicles," pp. 1–82, 2021.

[11]   C. Y. Chun *et al.*, "Current sensor-less state-of-charge estimation algorithm for lithium-ion batteries utilizing filtered terminal voltage," *J. Power Sources*,

vol. 273, pp. 255–263, 2015.

[12] J. Hou, Y. Yang, and T. Gao, "A Variational Bayes Based State-of-Charge Estimation for Lithium-Ion Batteries without Sensing Current," *IEEE Access*, vol. 9, pp. 84651–84665, 2021.

[13] B. R. Dewangga, S. Herdjunanto, and A. Cahyadi, "Battery Current Estimation Based on Simple Model with Parameter Update Strategy Using Piecewise Linear SOC-OCV," *Proc. - 2018 4th Int. Conf. Sci. Technol. ICST 2018*, vol. 1, pp. 1–6, 2018.

[14] P. A. Kumara, A. I. Cahyadi, and O. Wahyunggoro, "Fault Detection Algorithm on Lithium-Polymer (Li-Po) Battery based on Luenberger Observer," *2021 Int. Semin. Mach. Learn. Optim. Data Sci. ISMODE 2021*, pp. 108–113, 2022.

[15] I. Oyewole, M. Chelbi, A. Chehade, and A. A. Hussein, "A Polynomial Regression Model with Bayesian Inference for State-of-Health Prediction of Li-ion Batteries," *2022 IEEE Transp. Electrif. Conf. Expo, ITEC 2022*, pp. 970–974, 2022.

[16] C. Y. Chun, B. H. Cho, and J. Kim, "Implementation of discharging/charging current sensorless state-of-charge estimator reflecting cell-to-cell variations in lithium-ion series battery packs," *Int. J. Automot. Technol.*, vol. 17, p. 909−916, 2016.

[17] Y. Xing, E. W. M. Ma, K. L. Tsui, and M. Pecht, "Battery management systems in electric and hybrid vehicles," *Energies*, vol. 4, no. 11, pp. 1840–1857, 2011.

[18] S. Yuan, H. Wu, and C. Yin, "State of charge estimation using the extended Kalman filter for battery management systems based on the ARX battery model," *Energies*, vol. 6, no. 1, pp. 444–470, 2013.

[19] H. Wu, S. Yuan, X. Zhang, C. Yin, and X. Ma, "Model parameter estimation approach based on incremental analysis for lithium-ion batteries without using open circuit voltage," *J. Power Sources*, vol. 287, pp. 108–118, 2015.

[20] L. Lu, X. Han, J. Li, J. Hua, and M. Ouyang, "A review on the key issues for lithium-ion battery management in electric vehicles," *J. Power Sources*, vol. 226, pp. 272–288, 2013.

[21] M. U. Cuma and T. Koroglu, "A comprehensive review on estimation strategies used in hybrid and battery electric vehicles," *Renew. Sustain. Energy Rev.*, vol. 42, pp. 517–531, 2015.

[22] W. Lombardi, M. Zarudniev, S. Lesecq, and S. Bacquet, "Sensors fault diagnosis for a BMS," *2014 Eur. Control Conf. ECC 2014*, pp. 952–957,

37

2014.

[23] W. S. Putra, B. R. Dewangga, A. Cahyadi, and O. Wahyunggoro, "Current estimation using Thevenin battery model," *Proc. - Jt. Int. Conf. Electr. Veh. Technol. Ind. Mech. Electr. Chem. Eng. ICEVT 2015 IMECE 2015*, pp. 5–9, 2016.