

## DAFTAR PUSTAKA

- [1] M. U. Khasan, "Analisa Performa Baterai Lithium-air, Lithium-sulfur, All-Solid-State Battery, Lithium-ion Pada Kendaraan Listrik," *Jurnal*, vol. 10, pp. 597-607, 2021.
- [2] I. R. Tyesadha, R. F. Iskandar and I. W. Fathonah, Estimasi State Of Charge Pada Baterai Lithium Ion Menggunakan Metode Support Vector Machine (Svm), Bandung, 2018.
- [3] D. Linden and T. B. Reddy, Handbook of Batteries, United States: The McGraw-Hill Companies, 1995.
- [4] A. Bayu, D. Darmawan and A. Qurthobi, "Perancangan Dan Implementasi Alat Ukur State Of Charge Sistem Pengawasan Pada Baterai Lead Acid Menggunakan Metode Open Circuit Voltage," *e-Proceeding of Engineering*, vol. 4, p. 752, 2017.
- [5] W. Y. Chang, "The State of Charge Estimating Methods for Battery: A Review," *ISRN Applied Mathematics*, vol. 2013, pp. 1-7, 2013.
- [6] S. Piller, M. Perrin and A. Jossen, "Methods for state-of-charge determination and their applications," *Journal of Power Sources*, vol. 96, pp. 113-120, 2001.
- [7] H. Ren , H. Zhang, Z. Gao and Y. Zhao, "A robust approach to state of charge assessment based on moving horizon optimal estimation considering battery system uncertainty and aging condition," *Journal of Cleaner Production*, p. 270, 2020.
- [8] Z. Liu, A. Ivanco and S. Onori, "Aging characterization and modeling of nickel-manganese-cobalt lithium-ion batteries for 48V mild hybrid electric vehicle applications," *Journal of Energy Storage*, vol. 21, pp. 519-527, 2019.
- [9] J. Meng, G. Luo, M. Ricco, M. Swierczynski, D.-I. Stroe and R. Teodorescu, "Overview of Lithium-Ion Battery Modeling Methods for State-of-Charge Estimation in Electrical Vehicles," *Applied Sciences*, p. 659, 2018.
- [10] B. Vairamohan, Master Thesis: "State of Charge Estimation for Batteries, 2002.

- [11] K. S. S. Alamin, Y. Chen, E. Macii, M. Poncino and S. Vinco, "A Machine Learning-based Digital Twin for Electric Vehicle Battery Modeling," in *IEEE International Conference on Omni-layer Intelligent Systems (COINS)*, Barcelona, 2022.
- [12] e. a. F. Edison, Estimasi state of charge pada baterai VRLA dengan metode perhitungan coulomb, 2013.
- [13] A. D. Isnaini, Suwandi and R. F. Iskandar, "Estimation State Of Charge Of Lithium Ion Battery Using Coulomb Counting Method," *e-Proceeding of Engineering*, vol. 4, p. 650, 2017.
- [14] T. Paul, "Perencanaan Sistem Penyimpanan Energi Dengan Menggunakan Battery Pada Pembangkit Listrik Tenaga Air Laut (PLTAL) di Desa Ketapang, Kabupaten Lombok Timur," Nusa Tenggara Timur, 2010.
- [15] Ruskardi, "Kajian Teknis dan Analisis Ekonomis PLTS Sistem Terpusat Sebagai Energi Alternatif," *Jurnal Elka*, 2015.
- [16] F. Yang, X. Song and K. L. Tsui, "State-of-Charge Estimation of Lithium Ion Batteries via Long Short-Term Memory Network," *IEEE Access*, vol. 7, 2019.
- [17] Q. M. Ashraf and M. H. Habaebi, "Autonomic schemes for threat mitigation in Internet of Things," *Elsevier Journal of Network and Computer Applications (EJNCA)*, vol. 49, pp. 112-127, 2015.
- [18] A. Nugroho and E. Rijanto, "Simulasi Optimasi Pengukuran State of Charge Baterai," *Indonesian Institute of Science*, 2015.
- [19] K. S. Ng, C. S. Moo, Y. P. Chen and Y. C. Hsieh, "Enhanced Coulomb Counting Method for Estimating State of Charge and State of Health of Lithium Ion Batteries," *Applied Energy*, pp. 1506-1511, 2009.
- [20] M. U. Ali, A. Zafar, S. H. Nengroo, S. Hussain, M. J. Alvi and H. J. Kim, "Towards a Smarter Battery Management System for Electric Vehicle Applications: A Critical Review of Lithium-Ion Battery State of Charge Estimation," *Energies*, vol. 12, no. 3, 2019.

- [21] R. Xiong, L. Li, Q. Yu, Q. Jin and R. Yang, "A set membership theory based parameter and state of charge co-estimation method for all-climate batteries," *Journal of Cleaner Production*, vol. 249, 2020.
- [22] C. Chen, R. Xiong, R. Yang, W. Shen and F. Sun, "State-of-charge estimation of lithium-ion battery using an improved neural network model and extended Kalman filter," *Journal of Cleaner Production*, vol. 234, 2019.
- [23] J. Meng, M. Ricco, G. Luo, M. Swierczynski, D. -I. Stroe, A. -I. Stroe and R. Teodorescu, "An Overview and Comparison of Online Implementable SOC Estimation Methods for Lithium-Ion Battery," *IEEE Transactions on Industry Applications*, p. 99, 2017.
- [24] T. O. Ting, K. L. Man, N. Zhang, C. -U. Lei and C. Lu, "State-Space Battery Modeling for Smart Battery Management System," in *Proceedings of the International MultiConference of Engineers and Computer Scientists*, Hongkong, 2014.
- [25] C. M. Cheng and Z. K. Peng, "Volterra-seriesbased nonlinear system modeling and its engineering applications: A state-of-the-art review, Mechanical Systems and Signal Processing," *Mechanical Systems and Signal Processing*, vol. 87, 2017.
- [26] E. J. Dempsey and D. T. Westwick, "Identification of Hammerstein Models With Cubic Spline Nonlinearities," *IEEE Trans. Biomed. Eng.*, pp. 237-245, 2004.
- [27] E. W. Bai and M. Fu, "A Blind Approach to Hammerstein Model Identification," *IEEE Trans. Signal Process.*, p. 1610–1619, 2002.
- [28] T. O. Ting, K. L. Man, N. Zhang, C. U. Lei and C. Lu, " State-Space Battery Modeling for Smart Battery Management System," *Proceedings of the International MultiConference of Engineers and Computer Scientists*, vol. 2, 2014.