DAFTAR PUSTAKA

[1]   J. Giwangkara, "The Urgency of Renewable Energy Transition in Indonesia," *Probl. Transisi Enegi di Indones.*, pp. 1–24, 2021.

[2]   I. G. Wiratmaja and E. Elisa, "Kajian Peluang Pemanfaatan Bioetanol Sebagai Bahan Bakar Utama Kendaraan Masa Depan Di Indonesia," *J. Pendidik. Tek. Mesin Undiksha*, vol. 8, no. 1, pp. 1–8, 2020, doi: 10.23887/jptm.v8i1.27298.

[3]   J. Gasparotto and K. Da Boit Martinello, "Coal as an energy source and its impacts on human health," *Energy Geosci.*, vol. 2, no. 2, pp. 113–120, 2021, doi: 10.1016/j.engeos.2020.07.003.

[4]   Humas, "Peningkatan Polusi Udara di Indonesia," Sekretariat Kabinet Republik Indonesia.

[5]   Satrio Pangarso Wisanggeni, "Warga Kota Indonesia Hidup Dengan Polusi Udara," Kompas.id. [Online]. Available: https://www.kompas.id/baca/investigasi/2023/09/18/warga-kota-indonesia-hidup-dengan-polusi-udara

[6]   A. González, R. López-erauskin, and J. Gyselinck, "Analysis , modeling , control and operation of an interleaved three-port boost converter for DMPPT systems including PV," *Heliyon*, no. February, p. e01402, 2019, doi: 10.1016/j.heliyon.2019.e01402.

[7]   P. Shaw, "Modelling and analysis of an analogue MPPT-based PV battery charging system utilising DC-DC boost converter," *IET Renew. Power Gener.*, vol. 13, no. 11, pp. 1958–1967, 2019, doi: 10.1049/iet-rpg.2018.6273.

[8]   D. K. Srija, T. S. Keerthi, R. Anusha, B. H. Chandana, and S. Peddapati, "Performance analysis of non-isolated high step-up DC-DC converter topologies used in photovoltaic grid connected electric vehicle charging

stations," *5th Int. Conf. Electr. Energy Syst. ICEES 2019*, pp. 1–6, 2019, doi: 10.1109/ICEES.2019.8719288.

[9] A. Alfaris and M. Yuhendri, "Sistem Kendali dan Monitoring Boost Converter Berbasis GUI (graphical user interface) Matlab Menggunakan Arduino," *JTEIN J. Tek. Elektro Indones.*, vol. 1, no. 2, pp. 266–272, 2020, doi: 10.24036/jtein.v1i2.83.

[10] A. Marahatta, Y. Rajbhandari, A. Shrestha, S. Phuyal, and A. Thapa, "Heliyon Model predictive control of DC / DC boost converter with reinforcement learning," *Heliyon*, vol. 8, no. October, p. e11416, 2022, doi: 10.1016/j.heliyon.2022.e11416.

[11] G. A. Pauzi, D. Rahma, S. W. Suciyati, and A. Surtono, "Rancang Bangun Prototipe Pengoptimal Charging Baterai pada Mobil Listrik dari Pembangkit Tenaga Surya dengan Menggunakan Sistem Boost Converter," *J. Energy, Mater. Instrum. Technol.*, vol. 1, no. 2, pp. 40–46, 2020, doi: 10.23960/jemit.v1i2.19.

[12] R. Xiong, L. Li, and J. Tian, "Towards a smarter battery management system : A critical review on battery state of health monitoring methods," *J. Power Sources*, vol. 405, no. 5, pp. 18–29, 2018, doi: 10.1016/j.jpowsour.2018.10.019.

[13] H. Kraiem, A. Flah, and N. Mohamed, "Increasing Electric Vehicle Autonomy Using a Photovoltaic System Controlled by Particle Swarm Optimization," vol. 9, 2021, doi: 10.1109/ACCESS.2021.3077531.

[14] M. A. Assyidiq, B. Winardi, and T. Andromeda, "Perancangan Boost Converter Menggunakan Voltage Feedback Pada Panel Surya," *Transient*, vol. 6, no. 3, p. 404, 2017, doi: 10.14710/transient.6.3.404-410.

[15] B. Hauke, "Basic Calculation of a Boost Converter's Power Stage," *Texas Instruments, Appl. Rep. Novemb.*, no. November 2009, pp. 1–9, 2009, [Online]. Available:

M. Paraj Azhar Hardian, 2024
OPTIMALISASI PENGISIAN DAYA BATERAI KENDARAAN LISTRIK BERBASIS PANEL SURYA
PADA BOOST CONVERTER MENGGUNAKAN ARDUINO UNO DENGAN VARIASI INDUKTOR
UPN "Veteran" Jakarta, Fakultas Teknik, S1 Teknik Elektro
[www.upnvj.ac.id-www.library.upnvj.ac.id-www.repository.upnvj.ac.id]

http://scholar.google.com/scholar?hl=en&btnG=Search&q=intitle:Basic+Calculation+of+a+Boost+Converter's+Power+Stage#0

[16]   J. R. Mahmood and N. H. Selman, "Control of the Output Voltage of the PV System Based DC-DC Boost Converter Using Arduino microcontroller 1," *Int. J. Sci. Eng. Adv. Technol. IJSEAT*, vol. 4, no. 7, 2016, [Online]. Available: www.ijseat.com

[17]   B. Siswanto, L. Susita, A. Purwadi, and Sudjatmoko, "Koil Rogowski," *Konstr. Dan Uji Fungsi Sist. Deteksi Berkas Elektron*, pp. 121–128, 2015.

[18]   R. Riswanto, "Analisis Resistansi Coil Kawat Tembaga Terhadap Perubahan Suhu Sangat Rendah Sebagai Rancang Dasar Pengukuran Suhu Rendah," *J. Pendidik. Fis.*, vol. 3, no. 1, pp. 73–83, 2015, doi: 10.24127/jpf.v3i1.23.

[19]   E. Emidiana and F. Saputra, "Pengujian Effisiensi Transformator Inti Ferrit Di Laboratorium Teknik Elektro Universitas Pgri Palembang," *J. Ampere*, vol. 3, no. 2, p. 157, 2018, doi: 10.31851/ampere.v3i2.2396.

[20]   M. S. Alim, S. Thamrin, and R. L. W, "Pemanfaatan Pembangkit Listrik Tenaga Surya sebagai Alternatif Ketahanan Energi Nasional Masa Depan," vol. 4, no. 3, pp. 2427–2435, 2023.

[21]   M. Haryanti, B. Yulianti, and D. A. N. J. Sadikin, "PEMBANGKIT LISTRIK TENAGA SURYA MENGGUNAKAN SOLAR CELL 50 WATT," pp. 129–141.

[22]   S. Hani *et al.*, "ANALISA PENGGUNAAN BOOST CONVERTER TERHADAP DAYA OUTPUT PANEL SURYA PADA WARNING LIGHT," pp. 28–36.

[23]   M. T. Afif, I. Ayu, and P. Pratiwi, "ANALISIS PERBANDINGAN BATERAI LITHIUM-ION , LITHIUM-POLYMER , LEAD ACID DAN NICKEL-METAL HYDRIDE PADA PENGGUNAAN MOBIL LISTRIK - REVIEW," vol. 6, no. 2, pp. 95–99, 2015.

[24] Joel Veryanto Hutagaol, D. Setiawan, and H. Eteruddin, "Perancangan Sistem Monitoring Kendaraan Listrik," *J. Tek.*, vol. 16, no. 1, pp. 96–102, 2022, doi: 10.31849/teknik.v16i1.9640.

[25] S. Anggara, A. Herawati, I. Priyadi, and I. N. Anggraini, "Analisis Perubahan Besaran Listrik Pada Pemanas Induksi Menggunakan Inverter Setengah Jembatan," *J. Amplif. J. Ilm. Bid. Tek. Elektro Dan Komput.*, vol. 10, no. 1, pp. 1–8, 2020, doi: 10.33369/jamplifier.v10i1.15167.