รายการอ้างอิง

Abouobaida, H., Abouelmahjoub, Y., & Oliveira‐Assis, L. (2021). *New open circuit fault detection in a DC–DC converter*. **International Transactions on Electrical Energy Systems**, 31(11). Portico. https://doi.org/10.1002/2050–7038.13094.

Alharbi, B. M., Alhomim, M. A., & McCann, R. A. (2020). *Robust control for cascade boost converter based on H–infinity controller*. **2020 IEEE Kansas Power and Energy Conference (KPEC)**. https://doi.org/10.1109/kpec47870.2020.9167542

Ali, S., Raza, M. T., Abbas, G., Ullah, N., Al Otaibi, S., & Luo, H. (2022). *Sliding mode observer–based fault detection in continuous time linear switched systems*. **Energies**, 15(3), 1090. https://doi.org/10.3390/en15031090

B, A. B., S, S., & G A, R. (2023). *Failure identification of power converter circuit using labVIEW myRIO.* **International Journal of Electrical and Electronics Engineering**, 10(01), 106–116. https://doi.org/10.14445/23488379/ijeee–v10i1p110

Balal, A., & Shahabi, F. (2021). *Ltspice analysis of double– inductor quadratic boost converter in comparison with quadratic boost and double cascaded boost converter*. **2021 12th International Conference on Computing Communication and Networking Technologies (ICCCNT)**. https://doi.org/10.1109/icccnt51525.2021.9579931

Brunson, C., Empringham, L., De Lillo, L., Wheeler, P., & Clare, J. (2015). *Open–circuit fault detection and diagnosis in matrix converters*. **IEEE Transactions on Power Electronics**, 30(5), 2840–2847. https://doi.org/10.1109/tpel.2014.2364152

Cao, D., & Peng, F. Z. (2010). *Zero–current–switching multilevel modular switched–capacitor dc–dc converter*. **IEEE Transactions on Industry Applications**, 46(6), 2536–2544. https://doi.org/10.1109/tia.2010.2073432

Cellatoglu, A., & Balasubramanian, K. (2010). *Renewable energy resources for residential applications in coastal areas: A modular approach*. **2010 42nd Southeastern Symposium on System Theory (SSST 2010)**. https://doi.org/10.1109/ssst.2010.5442813

Chen, S.–M., Liang, T.–J., Yang, L.–S., & Chen, J.–F. (2011). *A cascaded high step–up DC–DC converter with single switch for micro source applications*. **IEEE Transactions on Power Electronics**, *26*(4), 1146–1153. https://doi.org/10.1109/tpel.2010.2090362

Choudhury, T. R., & Nayak, B. (2015). *Comparison and analysis of cascaded and quadratic boost converter*. **2015 IEEE Power, Communication and Information Technology Conference (PCITC)**. https://doi.org/10.1109/pcitc.2015.7438108

Cimini, G., Ippoliti, G., Orlando, G., Longhi, S., & Miceli, R. (2017). *A unified observer for robust sensorless control of DC–DC converters*. **Control Engineering Practice**, 61, 21–27. https://doi.org/10.1016/j.conengprac.2017.01.012

DJALAB, A., BESSOUS, N., REZAOUI, M. M., & MERZOUK, I. (2018, December). *Study of the effects of partial shading on PV array*. **2018 international conference on communications and electrical engineering (ICCEE)**, 1-5. https://doi.org/10.1109/ccee.2018.8634512

El Aroudi, A., Mandal, K., Giaouris, D., Banerjee, S., Abusorrah, A., Al Hindawi, M., & Al‐Turki, Y. (2015). *Fast–scale stability limits of a two–stage boost power converter*. **International Journal of Circuit Theory and Applications**, *44*(5), 1127–1141. Portico. https://doi.org/10.1002/cta.2153

Forouzesh, M., Siwakoti, Y. P., Gorji, S. A., Blaabjerg, F., & Lehman, B. (2016). *A survey on voltage boosting techniques for step–up DC–DC converters*. **2016 IEEE Energy Conversion Congress and Exposition (ECCE)**. https://doi.org/10.1109/ecce.2016.7854792

Gao, D., Jin, Z., Liu, J., & Ouyang, M. (2016). *An interleaved step–up/step–down converter for fuel cell vehicle applications*. **International Journal of Hydrogen Energy**, 41(47), 22422–22432. https://doi.org/10.1016/j.ijhydene.2016.09.171

Gkizas, G. (2021). *Optimal robust control of a Cascaded DC–DC boost converter*. **Control Engineering Practice**, 107, 104700. https://doi.org/10.1016/j.conengprac.2020.104700

Haroun, R., El Aroudi, A., Cid–Pastor, A., & Martinez–Salamero, L. (2013). *Synthesis of a power gyrator based on sliding mode control of two cascaded boost converters using a single sliding surface*. **10th International Multi–Conferences on Systems, Signals & Devices 2013 (SSD13)**. https://doi.org/10.1109/ssd.2013.6564072

Haroun, R., El Aroudi, A., Cid–Pastor, A., Garcia, G., Olalla, C., & Martinez–Salamero, L. (2015). *Impedance matching in photovoltaic systems using cascaded boost converters and sliding–mode control*. **IEEE Transactions on Power Electronics**, 30(6), 3185–3199. https://doi.org/10.1109/tpel.2014.2339134

Jagtap, S., & More, D. (2020). *Switch open–circuit fault diagnosis and fault–tolerant control strategy for DC–DC converters*. **2020 International Conference on Communication and Signal Processing (ICCSP)**. https://doi.org/10.1109/iccsp48568.2020.9182063

Jamshidpour, E., Poure, P., & Saadate, S. (2015). *Photovoltaic systems reliability improvement by real–time FPGA–based switch failure diagnosis and fault–tolerant DC–DC converter*. **IEEE Transactions on Industrial Electronics**, 62(11), 7247–7255. https://doi.org/10.1109/tie.2015.2421880

Jamshidpour, E., Poure, P., & Saadate, S. (2018). *Unified switch fault detection for cascaded non–isolated DC–DC converters*. **2018 IEEE International Conference on Environment and Electrical Engineering and 2018 IEEE Industrial and Commercial Power Systems Europe (EEEIC / I&CPS Europe)**. https://doi.org/10.1109/eeeic.2018.8494609

Johnson, R. S., Altin, B., & Sanfelice, R. G. (2021). *Hybrid adaptive control for the DC–DC boost converter*. **IFAC–PapersOnLine**, 54(5), 73–78. https://doi.org/10.1016/j.ifacol.2021.08.477

Kalahasthi, R. B., Ramteke, M. R., & Suryawanshi, H. M. (2022). *A high step–up soft–switched DC–DC converter with reduced voltage stress for DC micro–grid applications*. **International Journal of Circuit Theory and Applications**, 51(4), 1758–1776. Portico. https://doi.org/10.1002/cta.3499

Karamanakos, P., Geyer, T., & Manias, S. (2014). *Direct voltage control of DC–DC boost converters using enumeration–based model predictive control*. **IEEE Transactions on Power Electronics**, 29(2), 968–978. https://doi.org/10.1109/tpel.2013.2256370

Kashani, M. G., Mobarrez, M., & Bhattacharya, S. (2014). *Variable interleaving technique for photovoltaic cascaded DC–DC converters*. **IECON 2014 – 40th Annual Conference of the IEEE Industrial Electronics Society**. https://doi.org/10.1109/iecon.2014.7049359

Khwan–on, S., & Diewsurin, S. (2018). *An open–circuit switch fault detection strategy for a three–stage cascaded boost converter*. **2018 International Electrical Engineering Congress (IEECON)**. https://doi.org/10.1109/ieecon.2018.8712175

Kiguchi, R., & Nishida, Y. (2019, May). *Cascaded boost converter to achieve high voltage boost rate–conduction loss analysis*. **PCIM Europe 2019; International Exhibition and Conference for Power Electronics, Intelligent Motion, Renewable Energy and Energy Management** (pp. 1–7). VDE.

Kim, T., Lee, H.–W., & Kwak, S. (2019). *Open–circuit switch–fault tolerant control of a modified boost DC–DC converter for alternative energy systems*. **IEEE Access**, 7, 69535–69544. https://doi.org/10.1109/access.2019.2919238

Kumar, S., & Rajpurohit, B. S. (2020). *A novel fault tolerant control scheme for power converter*. **2020 IEEE International Power and Renewable Energy Conference**. https://doi.org/10.1109/iprecon49514.2020.9315247

Kunjittipong, N., Kongkanjana, K., & Khwan–on, S. (2020). *Comparison of fuzzy controller and PI controller for a high step–up single switch boost converter*. **2020 3rd International Conference on Power and Energy Applications (ICPEA)**. https://doi.org/10.1109/icpea49807.2020.9280118

Li, L., Ding, S. X., Qiu, J., Yang, Y., & Xu, D. (2017). *Fuzzy observer–based fault detection design approach for nonlinear processes*. **IEEE Transactions on Systems, Man, and Cybernetics: Systems**, 47(8), 1941–1952. https://doi.org/10.1109/tsmc.2016.2576453

Lwin, M. M. (2023). *High–performance double boost dc–dc converter based on fuzzy logic controller*. **An International Journal (MECHATROJ)**, 2(1). https://doi.org/10.5281/ZENODO.8084661

Ounis, F., & Golea, N. (2015). *μ–synthesis based robust voltage control for cascade boost power converter*. **2015 3rd International Conference on Control, Engineering & Information Technology (CEIT)**. https://doi.org/10.1109/ceit.2015.7232982

Padilla, M. L. F., Lao, S. J. C., Baldovino, R. G., Bandala, A. A., & Dadios, E. B. (2017). *Fuzzy–based fault–tolerant control of Micro Aerial Vehicles (MAV) — A preliminary study*. **2017IEEE 9th International Conference on Humanoid, Nanotechnology, Information Technology, Communication and Control, Environment and Management (HNICEM)**. https://doi.org/10.1109/hnicem.2017.8269562

Rahavi, J. S. A., Kanagapriya, T., & Seyezhai, R. (2012). *Design and analysis of Interleaved Boost Converter for renewable energy source*. *2012 International Conference on Computing, Electronics and Electrical Technologies (ICCEET)*. https://doi.org/10.1109/icceet.2012.6203850

Roy Choudhury, T., & Nayak, B. (2016). *Comparative steady state analysis of boost and cascaded boost converter with inductive ESR losses & capacitor current behaviour*. **International Journal of Power Electronics and Drive Systems (IJPEDS)**, 7(1), 159. https://doi.org/10.11591/ijpeds.v7.i1.pp159–172

Shahbazi, M., Jamshidpour, E., Poure, P., Saadate, S., & Zolghadri, M. R. (2013). *Open–and short–circuit switch fault diagnosis for nonisolated DC–DC converters using field programmable gate array*. **IEEE Transactions on Industrial Electronics**, 60(9), 4136–4146. https://doi.org/10.1109/tie.2012.2224078

Shoja–Majidabad, S., & Hajizadeh, A. (2020). *Decentralized adaptive neural network control of cascaded DC–DC converters with high voltage conversion ratio*. **Applied Soft Computing**, 86, 105878. https://doi.org/10.1016/j.asoc.2019.105878

Siouane, S., Jovanović, S., & Poure, P. (2018). *Service continuity of PV synchronous buck/buck–boost converter with energy storage†*. **Energies**, 11(6), 1369. https://doi.org/10.3390/en11061369

Tofoli, F. L., Pereira, D. de C., Josias de Paula, W., & Oliveira Júnior, D. de S. (2015). *Survey on non–isolated high–voltage step–up DC–DC topologies based on the boost converter*. **IET Power Electronics**, 8(10), 2044–2057. Portico. https://doi.org/10.1049/iet–pel.2014.0605

Yang, X., Zhang, H., & Ma, X. (2009). *Modeling and stability analysis of cascade buck converters with N–power stages*. **Mathematics and Computers in Simulation**, 80(3), 533–546. https://doi.org/10.1016/j.matcom.2009.08.039

Ye, Y., & Eric Cheng, K. W. (2014). *Quadratic boost converter with low buffer capacitor stress*. **IET Power Electronics**, 7(5), 1162–1170. Portico. https://doi.org/10.1049/iet–pel.2013.0205

Zhang, H., Li, W., Ding, H., Luo, P., Wan, X., & Hu, W. (2017). *Nonlinear modal analysis of transient behavior in cascade DC–DC boost converters*. **International Journal of Bifurcation and Chaos**, 27(09), 1750140. https://doi.org/10.1142/s0218127417501401