

รายการอ้างอิง

- ธนัตชัย กุลวรวานิชพงษ์. (2557). ระบบจ่ายกำลังไฟฟ้า (Railway Electrification). เอกสารประกอบการสอน. มหาวิทยาลัยเทคโนโลยีสุรนารี.
- นคร จันทศร. (2559). ช่างรถไฟ **ความรู้ทั่วไปด้านวิศวกรรมรถไฟ. โครงการพัฒนาระบบขนส่งทางรางและอุตสาหกรรมที่เกี่ยวข้องของประเทศไทย สำนักงานพัฒนาวิทยาศาสตร์และเทคโนโลยีแห่งชาติ กระทรวงวิทยาศาสตร์และเทคโนโลยี. พิมพ์ครั้งที่ 3.**
- T. Chuchit. (2018). Study and assessment of stray current in DC rapid transit system. **Thesis, electeical engineering, suranaree university of technology.** pp. 79-87.
- Paul, Dev. (2015). DC stray current in rail transit systems and cathodic protection [History]. **IEEE Industry Applications Magazine 22.1.** pp. 8-13.
- Pham, Kinh D., Ralph S. Thomas, and WALTER E. STINGER JR. (2003). Operational and safety considerations for light rail DC traction electrification system design. **Experience, Economics, and Evolution.** pp. 650.
- EN 50122-1. (2011). Railway applications – Fixed installation – **Electrical safety, earthing and the return circuit – Part 1:** Protective provisions against electric shock.
- EN 50122-2. (2010). Railway applications – Fixed installation – **Electrical safety, earthing and the return circuit – Part 2:** Provisions against the effects of stray current caused by DC traction systems.
- Dekker, N. M. J. (1999). Stray current control-an overview of options. pp. 8.
- Gu, Jingda, et al. (2020). Negative resistance converter traction power system for reducing rail potential and stray current in the urban rail transit. **IEEE Transactions on Transportation Electrification 7.1.** pp. 225-239.
- T. Kulworawanichpong. (2015). Multi-train modeling and simulation integrated with traction power supply solver using simplified Newton–Raphson method. **Journal of Modern Transportation 23.4.** pp. 241-251.

- Steimel A. (2008). Electric traction—motive power and energy supply: basic and practical experiences. **Oldenbourg Industrieverlag, Munich.**
- K. Mongkoldee, U. Leeton and T. Kulworawanichpong. (2016). Single train movement modeling and simulation with rail potential consideration. In **Proceedings of the 2016 IEEE/SICE International Symposium on System Integration, Sapporo, Japan.** pp. 7-12.
- Lee C.H., and Wang H.M. (2001). Effects of grounding schemes on rail potential and stray currents in Taipei Rail Transit Systems. **IEE Proceedings on Electric Power Applications.** **148(2).** pp. 148 – 154.
- Kulworawanichpong, T. (2003). Optimising AC electric railway power flows with power electronic control. **PhD Thesis. University of Birmingham. UK. November.**
- Yii-Shen Tzeng and Chien-Hsing Lee. (2010). Analysis of Rail Potential and Stray Currents in a Direct-Current Transit System. **IEEE TRANSACTIONS ON POWER DELIVERY,** VOL. 25, NO. 3.
- Lee, C.H., and Lu, C.J. (2006). Assessment of grounding schemes on rail potential and stray currents in a DC transit system. **IEEE Transactions on Power Delivery Magazine.** **21(4).** pp. 11941 – 1947.
- Alamuti, M.M., Zare, A., and Savaghebi, M. (2008). Reversed diode earthing scheme in DC traction power system. In **Proceedings of International Conference on Universities Power Engineering Conference.** pp. 1 – 5.
- Valero Rodríguez J., Sanz Feito J. (2013). Calculation of remote effects of stray currents on rail voltages in dc railways systems. **Electrical Systems in Transportation.** **3(2).** pp. 31 – 40.
- Ramos G., Leal A.F., Ríos M.A., and Roa, L.F. (2014). Grounding Model in Multi-Train DC Traction Systems. **Latin America Transactions. IEEE Latin America Transactions.** **12(2).** pp. 169–175.
- Dev Paul. (2016). DC stray current in rail transit systems and cathodic protection. **IEEE Industry Applications Magazine,** vol. 22, no. 1, Jan.-Feb. pp. 813.
- G L. Zhao, J. Li and M. Liu. (2016). Simulation and analysis of metro stray current based on multi-locomotives condition. in **35th Chinese Control Conference (CCC).** pp. 9252-9258.

- A. Ibrahim, A. Elrayyah, Y. Sozer and J. A. D. Abreu-Garcia. (2017). DC railway system emulator for stray current and touch voltage prediction. **IEEE Transactions on Industry Applications**, vol. 53, no. 1. pp. 439-446.
- Zhan Shang, Xiaofeng Yang, Jingda Gu, Trillion Q. Zheng. (2020). Modeling of Negative Resistance Converter Traction Power System. **IEEE Energy Conversion Congress and Exposition (ECCE)**.
- M. Niasati and A. Gholami. (2008). Overview of stray current control in DC railway systems. in Proc. **IET Int. Conf. Railway Eng. (ICRE)**. pp. 1–6.