

DAFTAR PUSTAKA

- [1] R. G. Khuzyashev, I. L. Kuzmin, S. M. Tukaev, L. T. Tukhvatullin, and E. G. Stepanova, "Traveling-wave fault location algorithms in hybrid multi-terminal networks with a tree-like structure," *E3S Web Conf.*, vol. 124, p. 01012, 2019. [Online]. Available <https://doi.org/10.1051/e3sconf/201912401012>.
- [2] L. d. Andrade and T. P. d. Leão, "Impedance-based fault location analysis for transmission lines," in *PES T&D 2012*, 7-10 May 2012 2012, pp. 1-6, doi: 10.1109/TDC.2012.6281527.
- [3] S. Das, S. Santoso, A. Gaikwad, and M. Patel, "Impedance-based fault location in transmission networks: theory and application," *IEEE Access*, vol. 2, pp. 537-557, 2014, doi: 10.1109/ACCESS.2014.2323353.
- [4] T. P. S. Bains, T. S. Sidhu, Z. Xu, I. Voloh, and M. R. D. Zadeh, "Impedance-Based Fault Location Algorithm for Ground Faults in Series-Capacitor-Compensated Transmission Lines," *IEEE Transactions on Power Delivery*, vol. 33, no. 1, pp. 189-199, 2018, doi: 10.1109/TPWRD.2017.2711358.
- [5] K. Chen, C. Huang, and J. He, "Fault detection, classification and location for transmission lines and distribution systems: a review on the methods," *High Voltage*, vol. 1, no. 1, pp. 25-33, 2016, doi: 10.1049/hve.2016.0005.
- [6] A. M. Moura, F. M. Barbosa, and Z. Vale, "Travelling waves methods for the calculation of electrical transients-an efficient computational algorithm of Bewley's method," in *Proceedings. Electrotechnical Conference Integrating Research, Industry and Education in Energy and Communication Engineering'*, 11-13 April 1989 1989, pp. 159-156, doi: 10.1109/MELCON.1989.50006.
- [7] L. de Andrade and T. Ponce de Leão, "Travelling Wave Based Fault Location Analysis for Transmission Lines," *EPJ Web of Conferences*, vol. 33, p. 04005, 2012. [Online]. Available: <https://doi.org/10.1051/epjconf/20123304005>.

- [8] M. R. Mosavi, A. Tabatabaei, and P. Farajiparvar, "Stability Comparison of Fault Location Techniques Against Faulty GPS Time Tagging for Three-Terminal Lines," *Arabian Journal for Science and Engineering*, vol. 42, no. 7, pp. 2739-2749, 2017/07/01 2017, doi: 10.1007/s13369-016-2394-x.
- [9] O. Altay, E. Gursoy, and O. Kalenderli, "Single end travelling wave fault location on transmission systems using wavelet analysis," in *2014 ICHVE International Conference on High Voltage Engineering and Application*, 8-11 Sept. 2014 2014, pp. 1-4, doi: 10.1109/ICHVE.2014.7035486.
- [10] A. D. Tomasso, G. Invernizzi, and G. Vielmini, "Accurate Single-End and Double-End Fault Location by Traveling Waves: a review with some real applications," in *2019 AEIT International Annual Conference (AEIT)*, 18-20 Sept. 2019 2019, pp. 1-6, doi: 10.23919/AEIT.2019.8893383.
- [11] H. Seyedi, S. Golabi, and Z. Abam, "Limitation of transmission line switching overvoltages," in *2010 IEEE International Conference on Power and Energy*, 29 Nov.-1 Dec. 2010 2010, pp. 363-368.
- [12] X. Dong, S. Wang, and S. Shi, "Research on characteristics of voltage fault traveling waves of transmission line," in *2010 Modern Electric Power Systems*, 20-22 Sept. 2010 2010, pp. 1-5.
- [13] T. Yong, C. Heng, W. Haifeng, D. Fangtao, and J. Shifang, "Transmission line models used in travelling wave studies," in *1999 IEEE Transmission and Distribution Conference (Cat. No. 99CH36333)*, 11-16 April 1999 1999, vol. 2, pp. 797-803 vol.2, doi: 10.1109/TDC.1999.756151.
- [14] V. F. Couto, S. H. L. Cabral, T. I. A. H. Mustafa, and L. H. B. Puchale, "Study of occurrence of overvoltage along power transmission lines with acceptable end voltage," in *2015 IEEE Electrical Insulation Conference (EIC)*, 7-10 June 2015 2015, pp. 29-32, doi: 10.1109/ICACACT.2014.7223503.
- [15] Z. Zhao *et al.*, "Simulation study on transient performance of lightning over-voltage of transmission lines," in *2011 7th Asia-Pacific International Conference on Lightning*, 1-4 Nov. 2011 2011, pp. 520-524, doi: 10.1109/APL.2011.6110180.

- [16] A. Hazmi, P. Emeraldi, M. I. Hamid, F. A. Utama, and N. Takagi, "Evolution of thunderstorm electrification before first lightning strike," in *2017 International Conference on High Voltage Engineering and Power Systems (ICHVEPS)*, 2-5 Oct. 2017 2017, pp. 340-343, doi: 10.1109/ICHVEPS.2017.8225867.
- [17] P. Chowdhuri, "Parameters of lightning strokes and their effects on power systems," in *2001 IEEE/PES Transmission and Distribution Conference and Exposition. Developing New Perspectives (Cat. No.01CH37294)*, 2-2 Nov. 2001 2001, vol. 2, pp. 1047-1051 vol.2, doi: 10.1109/TDC.2001.971392.
- [18] M. Chanaka, K. Shanthi, and R. Perera, "Modeling of power transmission lines for lightning back flashover analysis (A case study: 220kV Biyagama-Kotmale transmission line)," in *2011 6th International Conference on Industrial and Information Systems*, 16-19 Aug. 2011 2011, pp. 386-391, doi: 10.1109/ICIINFS.2011.6038099.
- [19] "IEEE Draft Guide for Online Monitoring and Recording Systems for Transient Overvoltages in Electric Power Systems," *IEEE P1894/D2*, October 2014, pp. 1-61, 2015.
- [20] A. H. Hamza, S. M. Ghania, A. M. Emam, and A. S. Shafy, "Statistical analysis of switching overvoltages and insulation coordination for a 500 kV transmission line," in *2016 Eighteenth International Middle East Power Systems Conference (MEPCON)*, 27-29 Dec. 2016 2016, pp. 683-686, doi: 10.1109/MEPCON.2016.7836966.
- [21] T. T. Quoc, S. L. Du, D. P. Van, N. N. Khac, and L. T. Dinh, "Temporary overvoltages in the Vietnam 500 kV transmission line," in *ESMO '98 - 1998 IEEE 8th International Conference on Transmission and Distribution Construction, Operation and Live-Line Maintenance Proceedings ESMO '98 Proceedings. ESMO 98 The Power is in Your Hand*, 26-30 April 1998 1998, pp. 225-230, doi: 10.1109/TDCLLM.1998.668378.
- [22] C. N. Obiozor and M. N. Sadiku, "Consideration of power in a lossless transmission line," in *Proceedings of SOUTHEASTCON '96*, 11-14 April 1996 1996, pp. 626-629, doi: 10.1109/SECON.1996.510146.

- [23] W. D. Block, R. Pintelon, and Y. Rolain, "Identification of transmission lines: from time domain measurements to frequency domain models," in *IMTC/2002. Proceedings of the 19th IEEE Instrumentation and Measurement Technology Conference (IEEE Cat. No.00CH37276)*, 21-23 May 2002 2002, vol. 2, pp. 1327-1331 vol.2, doi: 10.1109/IMTC.2002.1007149.
- [24] A. R. Adly, S. H. E. Abdel Aleem, M. A. Elsadd, and Z. M. Ali, "Wavelet packet transform applied to a series-compensated line: A novel scheme for fault identification," *Measurement*, vol. 151, p. 107156, 2020/02/01/ 2020, doi: <https://doi.org/10.1016/j.measurement.2019.107156>.
- [25] X. Tang, Z. Zhang, Q. Huang, and Y. Gong, "Fault Location and Fault Type Recognition of Power System Based on Wavelet Transform," in *2019 IEEE Innovative Smart Grid Technologies - Asia (ISGT Asia)*, 21-24 May 2019 2019, pp. 689-692, doi: 10.1109/ISGT-Asia.2019.8881101.
- [26] P. Chiradeja and C. Pothisarn, "Identification of the fault location for three-terminal transmission lines using discrete wavelet transforms," in *2009 Transmission & Distribution Conference & Exposition: Asia and Pacific*, 26-30 Oct. 2009 2009, pp. 1-4, doi: 10.1109/TD-ASIA.2009.5356924.
- [27] Y. Zheng, Y. Xu, and Z. Xiao, "A traveling wave fault location system based on wavelet transformation," in *2019 IEEE Green Energy and Smart Systems Conference (IGESSC)*, 4-5 Nov. 2019 2019, pp. 1-6, doi: 10.1109/IGESSC47875.2019.9042397.
- [28] W. Fluty and Y. Liao, "Electric Transmission Fault Location Techniques Using Traveling Wave Method and Discrete Wavelet Transform," in *2020 Clemson University Power Systems Conference (PSC)*, 10-13 March 2020 2020, pp. 1-8, doi: 10.1109/PSC50246.2020.9131271.
- [29] E. Aboutanios, "An adaptive Clarke transform based estimator for the frequency of balanced and unbalanced three-phase power systems," in *2017 25th European Signal Processing Conference (EUSIPCO)*, 28 Aug.-2 Sept. 2017 2017, pp. 1001-1005, doi: 10.23919/EUSIPCO.2017.8081358.

- [30] N. E. Eng and K. Ramar, "Single-ended traveling wave based fault location on two terminal transmission lines," in *TENCON 2009 - 2009 IEEE Region 10 Conference*, 23-26 Jan. 2009 2009, pp. 1-4, doi: 10.1109/TENCON.2009.5396141.
- [31] A. M. Abeid, H. A. A. El-Ghany, and A. M. Azmy, "An advanced traveling-wave fault-location algorithm for simultaneous faults," in *2017 Nineteenth International Middle East Power Systems Conference (MEPCON)*, 19-21 Dec. 2017 2017, pp. 747-752, doi: 10.1109/MEPCON.2017.8301265.
- [32] L. V. Bewley, "Traveling waves on transmission systems," *Dover Publications, New York*, p. 543, 1963.
- [33] D. D. PK Lim, "Understanding and Resolving Voltage Sag Related Problems for Sensitiv Industrial Customers," *IEEE Power Eng. Soc. Conference Proc.*, vol. 4, pp. 2886-2890, 2000.

