

## References

---

- [1] “Statistical Digest,” Ceylon Electricity Board, 2017.
- [2] “Performance 2017 & Programme for 2018,” Ministry of Power and Renewable Energy, Colombo, 2017.
- [3] J. Machowski, J. W. Bialek and J. R. Bumby, *Power System Dynamics - Stability and Control*, West Sussex: John Wiley & Sons, Ltd, 2008.
- [4] A. H. Nayfeh and B. Balachandran, *Applied Nonlinear Dynamics Analytical, Computational and Experimental Methods*, Weinheim: WILEY-VCH Verlag GmbH & Co, 2004.
- [5] P. Kundur, *Power Systems Stability and Control*, New York: McGraw Hill Inc, 1993.
- [6] M. K. M. Rabby, A. H. Chowdhury, M. A. Azamand and M. A. Towfiq, “Bifurcation analysis to identify voltage collapse in bangladesh power system,” in *2013 International Conference on Informatics, Electronics and Vision (ICIEV)*, Dhaka, 2013.
- [7] P. Kundur, J. Paserba, V. Ajarapu, G. Andersson, A. Bose, C. Canizares, N. Hatziargyriou, D. Hill, A. Stankovic, C. Taylor and T. Van Cutsem, “Definition and classification of power system stability IEEE/CIGRE joint task force on stability terms and definitions,” *IEEE Transactions on Power Systems*, vol. 19, no. 3, pp. 1387 - 1401, 2004.
- [8] L. Y. Taylor and S.-M. H. , “Transmission voltage recovery following a fault event in the Metro Atlanta area,” in *2000 Power Engineering Society Summer Meeting*, Seattle, WA, USA, 2000.
- [9] N. Mithulananthan and S. C. Srivastava, “Investigation of a voltage collapse incident in Sri Lankan power system network,” in *Proceedings of EMPD '98. 1998 International Conference on Energy Management and Power Delivery*, Singapore, 1998.
- [10] C. D. Vournas, G. A. Manos, J. Kabouris and T. Van Cutsem, “Analysis of a voltage instability incident in the Greek power system,” in *2000 IEEE Power Engineering Society Winter Meeting. Conference Proceedings*, Singapore, 2000.
- [11] R. Seydel, *Practical Bifurcation and Stability Analysis*, New York: Springer, 2010.

- [12] Y. A. Kuznetsov, *Element of Applied Bifurcation Theory*, vol. 112, New York: Springer, 1998.
- [13] G. Revel, D. M. Alonso and J. L. Moiola, "Power Systems Bifurcation Theory Applied to the Analysis of Power systems," *Revista De La Union Matematica Argentina* , vol. 49, no. 1, pp. 1-14, 2008.
- [14] G. Revel, A. E. León, D. M. Alonso and J. L. Moiola, "Bifurcation Analysis on a Multimachine Power System Model," *IEEE Transactions on Circuits and Systems I*, vol. 57, no. 4, pp. 937 - 949, 2009.
- [15] J. Li, X. Zhou and G. Dong, "Hopf bifurcation analysis on dynamic voltage stability of wind power systems with SVC," in *IEEE International Conference on Mechatronics and Automation*, Tianjin, 2014.
- [16] M. Watanabe, Y. Mitani and K. Tsuji, "Evaluation of a Power System Stable Region Based on Hopf Bifurcation Theory," *IEEJ Transactions on Power and Energy*, vol. 142, no. 1, pp. 174 - 180, 2003.
- [17] M. Jazaeri and M. Khatibi, "A Study on Hopf Bifurcations for Power System Stability Analysis," in *2008 IEEE Canada Electric Power Conference*, Vancouver, 2008.
- [18] K. Abojlala, D. Holliday and L. Xu, "Transient analysis of an interline dynamic voltage restorer using dynamic phasor representation," in *2016 IEEE 17th Workshop on Control and Modeling for Power Electronics (COMPEL)*, Trondheim, Norway, 2016.
- [19] S. Dasgupta, M. Paramasivam and U. Vaidya, "PMU-based model-free approach for short term voltage stability monitoring," in *2012 IEEE Power and Energy Society General Meeting*, San Diego, CA, USA, 2012.
- [20] J. C. Lopez, J. Contreras, J. I. Munoz and J. Mantovani, "A Multi-Stage Stochastic Non-Linear Model for Reactive Power Planning Under Contingencies," *IEEE Transactions on Power Systems* , vol. 28, no. 2, pp. 1503 - 1514, 2013.
- [21] "Excitation System Models for Power System Stability Studies," *IEEE Transactions on Power Apparatus and Systems*, Vols. PAS-100, no. 2, pp. 494 - 509, February 1981.
- [22] "Long Term Transmission Development Plan 2013-2022," Ceylon Electricity Board, Colombo, 2013.

- [23] H. Renmu, M. Jin and D. Hill, "Composite load modeling via measurement approach," *IEEE Transactions on Power Systems*, vol. 21, no. No 2, pp. 663-672, May 2006.
- [24] D. Aik and G. Andersson, "Use of participation factors in modal voltage stability analysis of multi-infeed HVDC systems," *IEEE Transactions on Power Delivery*, vol. 13, no. 1, pp. 203 - 211, January 1998.