

## REFERENCES

- [1] G. Gajjar and S. Soman, "Power System Oscillation Modes Identifications: Guidelines for Applying TLS-ESPRIT Method," *International Journal of Emerging Electric Power Systems* 14(1), vol. 14, no. no. 1, pp. 57-66, 2013.
- [2] C. M. Gamage, "Designing a robust controller to damp sub-synchronous oscillations in power systems," University of Moratuwa, Moratuwa, 2019.
- [3] P. Wall, P. Dattaray, M. Osborne and P. Ashton, "VISOR project: Opportunities for Enhanced Real Time Monitoring and Visualisation of System Dynamics in GB," in *PAC World 2015*, Glasgow, 2015.
- [4] Palo Alto, "Steam Turbine-Generator Torsional Vibration Interaction with the Electrical Network: Tutorial.," ERPI, CA, 2005.
- [5] "IEEE Screening Guide for Planned Steady-State Switching Operations to Minimize Harmful Effects on Steam Turbine-Generators," *IEEE Transactions on Power Apparatus and Systems*, Vols. PAS-99, no. no. 4, pp. 1519-1521, 1980.
- [6] R. Bigret, C. J. Coetzee, D. C. Levy and R. G. Harley, "Measuring the Torsional Modal Frequencies of a 900 MW Turbogenerator," *IEEE Transactions on Energy Conversion*, Vols. EC-1, no. no. 4, pp. 99-107, 1986.
- [7] P. W. Pande, S. Chakrabarti and S. C. Srivastava, "Online Tuning of Power System Stabilizer using Synchrophasor Data," in *IEEE PES GTD Grand International Conference and Exposition Asia (GTD Asia)*, 2019.
- [8] A. Heniche and I. Kamwa, "Torsional-mode identification for turbogenerators with application to PSS tuning," in *International Conference on Power Systems Transients*, Montreal, 1998.
- [9] A. G. Phadke and B. Kasztenny, "Synchronized Phasor and Frequency Measurement Under Transient Conditions," *IEEE Transactions on Power Delivery*, vol. 24, no. 1, pp. 89-95, 2009.
- [10] W. D. Prasad, "Novel Algorithm for rotor angle security assesment in power systems," University of Manitoba, Manitoba, 2015.
- [11] 421.5-2016 - *IEEE Recommended Practice for Excitation System Models for Power System Stability Studies*, IEEE, 2016, pp. 1-207.
- [12] A. N. Abdalla, S. J. Cheng, J. Wen and J. Zhang, "Simulation model of the Excitation System in MianHuaTan power plant (China)," in *Second*

*International Conference on Electrical Systems ICES'06*, Oum El Bouaghi, Algeria, 2006.

- [13] *Standard Simplified Computer Representation for Power System Stability Studies, Unitrol 5000*, Revision H ed., ABB.
- [14] "Dynamic models for steam and hydro turbines in power system studies," IEEE, 1973.
- [15] P. Kundur, *Power System Stability and Control*, McGraw-Hill, 1994.
- [16] W. A. D. Lakshan, D. P. Wadduwage and U. Jayathunga, "Study of Small Signal Stability of Wind Integrated Power Systems Using Dynamic Phasor Approach," in *IEEE 16th International Conference on Industrial and Information Systems (ICIIS)*, Kandy, Sri Lanka, 2021.
- [17] H. D. Giesecke, "Steam turbine-generator torsional response due to interaction with the electrical grid," in *IEEE Power and Energy Society General Meeting*, San Diego, CA, USA, 2012.