

REFERENCE LIST

- [1] IEC standard for Instrument transformers, Requirement for protective current transformers for transient performance, IEC 60044-6, March 1992.
- [2] IEC standard for Instrument transformers, Additional requirements for current transformers, IEC 61869-2, September 2012.
- [3] Network protection and Automation guide, 2nd edition, Alstom Grid, May 2011.
- [4] Dr. A.P Tennakoon, Research paper of CT transient behavior, unpublished.
- [5] Generator and Transformer Protection, 3rd edition, ABB Network Partner AG, October 1998.
- [6] Basics of current and voltage transformers, Siemens AG, 2007.
- [7] Jignesh Parmar B.E(Electrical), The solid state protection relay overview [Online], Available: electrical-engineering-portal.com.
- [8] Gerhard Ziegler, "Current transformers" in Numerical Differential Protection, Principles and Application, 1st edition, Nuremberg, Germany, March 2005.
- [9] Gerhard Ziegler, "Application" in Numerical Distance Protection, Principles and Application, 2nd edition, Nuremberg, Germany, March 2005.



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**STUDY OF CURRENT TRANSFORMER
PERFORMANCE DURING TRANSIENT CONDITIONS
AND DEVELOPMENT OF A SELECTION CRITERION
IN PROTECTION APPLICATIONS**

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