References

- [1] Chief Engineer (Energy Management NWP) CEB, Study on transformer failure MV/LV in CEB and cause of action, Energy and Quality Management Branch NWP, CEB, September 2009
- [2] Chairman Distribution Co-ordination Committee, CEB, 2010 Catalogue & price list of materials, RE Projects & Procurement Branch, CEB, 2010
- [3] Andreas Ebner, "Transient transformer inrush currents due to closing time and residual flux measurement deviations if controlled switching is used", ETH Zurich, Switzerland
- [4] D. Fulchiron, "Cahier technique no. 192 Protection of MV/LV substation transformers", Groupe Schneider, 1998, pp. 3-9
- [5] V.B. Wijekoon, Improvement of life expectancy of oil-immersed transformers with practical case studies on Laxapana (Stage II) and Polpitiya generator transformers, report submitted to Institution of Engineers Sri Lanka for professional review, December 2005
- [6] J.R. Lucas, and D.A.J. Nanayakkara, "Lightning protection of pole mounted transformers and its applications in Sri Lanka", Transactions of IEEE Sri Lanka, April 2001 University of Moratuwa, Sri Lanka.
- [7] T.A. Short Power distribution handbook. CRC Press, 2004

 www.lib.mrt.ac.lk
- [8] M.J. Manyahi, R. Thottappillil and A. Nzali, "Some reflections on the lightning protection of power distribution transformers in Tanzania", 2nd International conference on Electrical Engineering and Technology, Dar-es-Salaam, Tanzania, September 2011
- [9] ABB High Voltage Technologies Ltd, Application guidelines Overvoltage protection: Dimensioning, testing and application of metal oxide surge arresters in medium voltage systems, Switzerland, 2009
- [10] J.R. Lucas, "High Voltage Engineering", Lecture notes on lightning phenomena, 2001, http://elect.mrt.ac.lk/HV Chap3.pdf
- [11] IEC 60071-1: 2006-01 "Insulation co-ordination Part 1: Definitions, principles and rules", Edition 8.0
- [12] Power Quality and Utilization Guide, Leonardo Energy, Voltage Disturbances, Transient and Temporary Overvoltages and Currents, Clause 5 Lightning Surges, June 2007 http://www.leonardo-energy.org/webfm_send/199
- [13] CEB specification 011:2008 : Medium voltage surge arresters, 2008
- [14] Nay Kyi Htwe, "Analysis and design selection of lightning arrester for distribution substation", World Academy of Science Engineering and Technology, 2008

- [15] Volker Hinrichsen, Metal Oxide Surge Arrester- Fundamentals, 1st Edition, Siemens AG, Berlin, Germany, July 2001
- [16] IEC 60099-5: 2000-03 "Surge Arresters Part 5: Selection and application recommendations", Edition 1.1
- [17] IEEE Surge Protective Devices Committee, WG 3.4.11, Surge arrester modelling techniques, Memphis Tennessee, September 1983
- [18] C. Chimklai and J.R. Marti, "Simplified three-phase transformer model for electromagnetic transient studies", The University of British Colombia, Vancouver, Canada, IEEE Transactions on Power Delivery, vol. 10, No. 3, July 1995
- [19] Website of "Lightning preventor of America", Manufacturer's standard HBP-21, http://www.lightningpreventor.com/manufacturers-standard.shtml
- [20] Mike Holt's Internet forum on "Grounding conductor sizing", http://forums.mikeholt.com/archive/index.php/t-57205.html
- [21] Eilert Bjerkan, High frequency modeling of power transformers stresses and diagnostics, Doctoral Thesis, Faculty of Information Technology, Mathematics and Electrical Engineering, Norwegian University of science and technology ISBN 82-471-6923-1, May 2005
- [22] San-Earth Technical review, Practical measures for lowering resistance to grounding, Sankosha Corporationeses & Dissertations http://www.sankosha-usa.com/pdf/san_earth-tech.pdf
- [23] Peter Fong, Moisture Estimation in Transformer Insulation, Omicron Electronics Corp. USA, November 2009 http://www.nwppa.org/web/presentations/09_AK_Conf/Moisture_Estimation_O MICRON.pdf
- [24] C. Andrieu, E. Dauphant and D. Boss, "A frequency-dependent model for a MV/LV transformer", International Conference on Power Systems Transients, Budapest, Hungary, June 1999
- [25] K. Pedersen, M.E. Lunow, J. Holboell, and M. Henriksen, "Detailed high frequency models of various winding types in power transformers", International Conference on Power Systems Transients, Montreal, Canada, June 2005
- [26] PSCAD version 4.2.1 Eval Steep front model, Manitoba HVDC research centre, August 2006