

## References

- [1] William G Hurley, David J. Wilcox – “ Calculation of Leakage Inductance in Transformer windings”, IEEE Transactions on Power Electronics, Vol 9, No 1, January 1994.
- [2] R. Doebbelin, C. Teichert, M. Benecke and A. Lindemann – “ Computerized Calculation of Leakage Inductance Values of Transformers” PIERS Online, Vol. 5, No. 8, 2009
- [3] R. Doebbelin And A Lindemann – “ Leakage Inductance Determination for Transformers with Interleaving Windings” PIERS Online, Vol. 6, No. 6, 2010
- [4] A.F. Hoke And C.R. Sullivan – “ An Improved Two- Dimensional Numerical Modeling Method for E – Core Transformers” IEEE Applied Power Electronics Conference, Mar. 2002.
- [5] A. Dauhajre and R.D. Middlebrook, “ Modelling and estimation of leakage phenomena in magnetic circuits, “ in Proc, 17<sup>th</sup> Annual IEEE PESC, 1986 , pp. 213-226
- [6] S.V. Kulkarni, S.A. Khaparde – “Transformer Engineering : Design and Practice” ISBN: 0-8247-5653-3 published by Marcel Decker Inc.
- [7] D.J. Wicox, W.G. Hurley, and M. Conlon – “Calculation of self and mutual impedances between section of transformer windings “ , IEE Proceeding, Vol. 136, Pt. C, No. 5, September 1989, pp. 308 -314
- [8] Antonio Carlos M. de queiroz, “Mutual Inductance and Inductance Calculations by Maxwell’s method”,  
[“http://www.coe.ufrj.br/~acmq/tesla/maxwell.pdf”](http://www.coe.ufrj.br/~acmq/tesla/maxwell.pdf)
- [9] Visvesvarya Technological University, E learning Centre, “Design of Transformers”,  
[“http://elearning.vtu.ac.in/Programme%2016/ENotes/Elec%20Mac%20Des/Unit3-Era.pdf”](http://elearning.vtu.ac.in/Programme%2016/ENotes/Elec%20Mac%20Des/Unit3-Era.pdf)
- [10] David Roylance – “Finite Element Analysis” – Massachusetts Institute of Technology, February 2001
- [11] David Meeker – “Finite Element Method on Magnetics” – Version 4.2 – User’s Manual, September 2006

- [12] M.R. Alizadeh Pahlavani and H. A. Mohammadpour – “ Inductance Comparison of the Solenoidal Coil of Modular Toroidal Coils using the Analytical and Finitie Element Method” – Progress in Eletromagnetics Research B, Vo. 20, 337-352 , 2010
- [13] M.R. Alizadeh Pahlavani and A. Shiri – “ Impact of Dimensional Parameters on Mutual Inductance of Individual Toroidal Coils using Analytical and Finite Element Methods Applicable to Tokamak Reactors” – Progress in Electromagnetics Research B, Vol. 24, 63 -78, 2010
- [14] Elise Saraiva, Mardelo L. R. Chaves, Jose R. Camacho , SM IEEE, Geraldo C. Guimaraes and Helder de Paula – “ Adjustments for a Three – Phase Distribution Transformer Two Dimensional Representation with Finite Element Method



University of Moratuwa, Sri Lanka.  
Electronic Theses & Dissertations  
[www.lib.mrt.ac.lk](http://www.lib.mrt.ac.lk)