

REFERENCES

1. Tome T., Oliviera M.J., Dynamic phase transition in the kinetic Ising model under a time-dependent oscillating field. *Phys. Rev. A* 1990; 41: 4251-4254.
2. Acharyya M., Chakrabarti B.K., Response of Ising systems to oscillating and pulsed fields: Hysteresis, ac, and pulse susceptibility. *Phys. Rev. B* 1995; 52: 6550-6568.
3. Jang H., Grimson M.J. Hysteresis and the dynamic phase transition in thin ferroelectric films. *Phys. Rev. E* 2001; 63: 066119.
4. Liu J.-M., Chan H.L.W., Choy C.L., Ong C.K. Scaling of hysteresis dispersion in a model spin system. *Phys. Rev. B* 2001; 65: 014416.
5. Laosiritaworn Y. Electric hysteresis properties in dilute Ising ultra-thin film: Monte Carlo investigation. *Advanced Materials Research* 2008; 55-57, 385-388.
6. Laosiritaworn Y. Monte Carlo simulation on thickness dependence of hysteresis properties in Ising thin-films. *Thin Solid Films* 2009; 517: 5189-5191.

7. Liu J.-M., Li H.P., Ong C.K., Lim L.C. Frequency response and scaling of hysteresis for ferroelectric $\text{Pr}(\text{Zr}_{0.52}\text{Ti}_{0.48})\text{O}_3$ thin films deposited by laser ablation. *Appl. Phys. Lett.* 1999; 86: 5193.
8. Pan B., Yu H., Wu D., Zhou X.H., Liu J.-M. Dynamic response and hysteresis dispersion scaling of ferroelectric $\text{SrBi}_2\text{Ta}_2\text{O}_9$ thin films. *Appl. Phys. Lett.* 2003; 83: 1406-1408.
9. Yimnirun R., Laosiritaworn Y., Wongsaenmai S., Ananta S. Scaling behavior of dynamic hysteresis in soft lead zirconate titanate bulk ceramics. *Appl. Phys. Lett.* 2006; 89: 162901.
10. Yimnirun R., Wongmaneering R., Wongsaenmai S., Ngamjarurojana A., Ananta S., Laosiritaworn Y. Dynamic hysteresis and scaling behavior of hard lead zirconate titanate bulk ceramics. *Appl. Phys. Lett.* 2007; 90: 112908 (2007).
11. Wongdamnern N., Ngamjarurojana A., Laosiritaworn Y., Ananta S., Yimnirun R., Yimnirun R. Dynamic ferroelectric hysteresis scaling of BaTiO_3 single crystals. *J. Appl. Phys.* 2009; 105: 044109.
12. Wongdamnern N., Ngamjarurojana A., Ananta S., Laosiritaworn Y., Yimnirun R., Yimnirun R. Dynamic hysteresis scaling in BaTiO_3 bulk ceramics. *Key Eng. Mater.* 2010; 421-422: 399-402.

13. Udpa S.S., Lord W. A Fourier descriptor model of hysteresis loop phenomena. *IEEE Trans. Magn.* 1985; 21: 2370-2373.
14. Rao M., Krishnamurthy H.R., Pansit R. Electric hysteresis in two model spin systems. *Phys. Rev. B* 1990; 42: 856.
15. Takacs J. Fourier analysis of hysteretic distortions. *COMPEL*. 2003; 22: 273-284.
16. Goev G., Masheva V., Mikhov M. Fourier analysis of AC hysteresis loops. *IEEE Trans. Magn.* 2003; 39: 1993-1996.
17. Srilomsak S., Schulze W.A., Pilgrim S.M., Williams F.A. Harmonic Analysis of Polarization Hysteresis of Aged PZTs. *J. Am. Ceram. Soc.* 2005; 88: 2121-2125.
18. Gopalan V. Structure-Optical Property correlation in ferroelectric potassium niobate thin film. *PhD Thesis, Cornell University* 1995; 56(3): 1647.
19. Taylor D.V. Dielectric and piezoelectric properties of sol-gel derived $\text{Pb}(\text{Zr},\text{Ti})\text{O}_3$ thin films. *PhD Thesis, Swiss Federal Institute of Technology Lausanne* 1999; 1949.
20. Hippel A.V. Ferroelectricity, Domain Structure, and Phase Transitions of Barium Titanate. *Rev. Mod. Phys.* 1950; 22(3): 221-237.

21. Eyraud L. Dielectriques Solides Anisoptropes et Ferroelectricite Gauthier-Villars. 1967.
22. Sawyer C.B., Tower C.H. Rochelle Salt as a Dielectric. *Phys. Rev.* 1930; 30: 269-273.
23. Moralidhar C., Phillai P.K.C. Hysteresis Behavior of Barium Titanate (BaTiO₃)/Polyvinylidene Fluoride (PVDF) Composite. *J. Mater. Sci. Letts.* 1987; 6: 349-350.
24. Binder K., Hohenberg P.C. Surface effects on electric phase transitions. *Phys. Rev. B* 1974; 9: 2194–2214.
25. Bander M., Mills D.L. Ferromagnetism of ultrathin films. *Phys. Rev. B* 1988; 38: 12015–1201.
26. Elmers H. J., Hauschild J., Hoche H., Gradmann U., Bethge H., Heuer D., Kohler U. Submonolayer magnetism of Fe(110) on W(110): Finite width scaling of stripes and percolation between islands. *Phys. Rev. Lett.* 1994; 73: 898–901.
27. Dunlavy M. J., Venus D. Critical susceptibility exponent measured from Fe/W(110) bilayers. *Phys. Rev. B* 2004; 69: 094411-1-094411-7.

28. Suzuki M., Kubo R. Dynamics of the Ising model near the critical point. *I. J. Phys. Soc. Jpn.* 1968; 24: 51.
29. Newman, M.E.J., and Barkema, G.T. (1999). *Monte Carlo Methods in Statistical Physics*. New York: Oxford University Press.
30. Bracewell, R.N. (2000). *The Fourier Transform and Its Applications*. United States: McGraw-Hill.
31. Cleveland W.S. Robust Locally Weighted Regression and Smoothing Scatterplots. *JASA*. 1979; 74(368): 329-836.
32. Cleveland W.S., Devlin S.J. Locally-Weighted Regression: An Approach to Regression Analysis by Local Fitting. *JASA*. 1988; 83(403): 596-610.
33. Press, W.H., Teukolsky, S.A., Vetterling, W.T., and Flannery, B.P. (1997). *Numerical Recipes in C*. New York: Cambridge University Press.