

### K.Kuřakowski - list of publications till 1994

1. A.Maksymowicz, A.Kozłowski, K.Kuřakowski, *The critical temperature of charge ordering for the localized state*, Acta Phys.Pol. A **55** (1979) 785.
2. A.Paja, K.Kuřakowski, *Electrical and magnetic properties of the FeTi alloy near the order-disorder transition*, J.Phys. F **9** (1979) 1613.
3. K.Kuřakowski, A.Paja, *The real-space RG transformation for a disordered Ising alloy*, Acta Phys.Pol. A **60** (1981) 321.
4. K.Kuřakowski, *The long-range order and the criticality*, Acta Phys.Pol. A **62** (1982) 207.
5. K.Kuřakowski, *A note on d-dimensional Ising model,  $S=1/2$ , with field*, ICTP Trieste, Italy (1984), IC/84/82.
6. K.Kuřakowski, A.Maksymowicz, *Charge transfer in Cr-transition metal alloys in  $T=0$  in a band model*, Phys.Stat.Sol. (b) **130** (1985) 629.
7. K.Kuřakowski, A.Maksymowicz, *Calculations of charge transfer in transition metal alloys*, Acta Phys.Pol. A **68** (1985) 549.
8. K.Kuřakowski, *Unidirectional anisotropy in an Ising spin glass*, Acta Phys.Pol.A **72** (1987) 239.
9. K.Kuřakowski, *The critical behaviour of the linear magnetostriction in isotropic media*, Acta Phys.Pol.A **73** (1988) 755.
10. A.Węgrzyn, K.Kuřakowski, Z.Obuszko, *Magnetization and magnetostriction in FeNiZr amorphous alloy*, Phys.Stat.Sol. (a) **106** (1988) K169.
11. K.Kuřakowski, A.Węgrzyn, *Linear magnetostriction in disordered systems - the magnetization dependence in  $T=0$* , J.Magn.Magn.Mater. **78** (1989) 329.
12. K.Kuřakowski, A.Węgrzyn, *Linear magnetostriction in random field model*, Acta Phys.Pol.A **76** (1989) 107.
13. J.Wenda, K.Kuřakowski, *Magnetic anisotropy in thin films of metallic glasses of FeBSi*, Acta Phys.Pol. A **76** (1989) 349.
14. K.Kuřakowski, E. du Tremolet de Lacheisserie, *Breaking of Akulov parametrization for magnetostriction in iron*, J.Magn.Magn.Mater. **81** (1989) 349.
15. J.Gonzalez, K.Kuřakowski, *Stress and field induced anisotropies in Co-rich amorphous alloys*, J.Magn.Magn.Mater. **82** (1989) 94.
16. K.Kuřakowski, *Band filling dependence of magnetoelastic coupling in strong ferromagnets*, in *Physics of Magnetic Materials*, Eds. W.Gorzowski, M.Gutowski, H.K.Lachowicz, H.Szymczak, World Scientific, Singapore 1990, 371.
17. K.Kuřakowski, J.Gonzalez, *Positive feedback in time evolution of the magnetic anisotropy in Co-rich amorphous alloys*, in *Physics of Magnetic Materials*, Eds. W.Gorzowski, M.Gutowski, H.K.Lachowicz, H.Szymczak, World Scientific, Singapore 1990, 377.
18. K.Kuřakowski, B.Barbara, *Magnetism and magnetostriction in a degenerate rigid band*, ICTP Trieste, Italy (1990), IC/90/282.
19. J.Gonzalez, K.Kuřakowski, *Effect of stress annealing on the magnetostriction constant and induced magnetic anisotropy in CoNiSiB metallic glasses*, J.Magn.Magn.Mater. **86** (1990) 207.
20. K.Kuřakowski, J.Gonzalez, *Self stabilizing of stress and field induced magnetic anisotropy in Co-rich amorphous alloys*, J.Magn.Magn.Mater. **89** (1990) 135.
21. K.Kuřakowski, *Temperature dependent shifts of electron energy levels in correlated systems*, Acta Phys.Pol. A **78** (1990) 545.
22. K.Kuřakowski, C.Lacroix, *The spin-orbit contribution to the magnetic susceptibility in degenerate narrow bands*, Phys.Stat.Sol. (b) **165** (1991) K17.

23. K.Kułakowski, J.Wenda, *Strain and band filling dependence of the magnetoelastic coupling in thin films*, J.Magn.Magn.Mater. **94** (1991) 247.
24. J.Gonzalez, J.M.Blanco, P.G.Barbon, K.Kułakowski, *Thermal dependence of the anisotropic contribution to the stress derivative of the magnetostriction in CoFeSiB amorphous alloy*, J.Magn.Magn.Mater. **102** (1991) 63.
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26. K.Kułakowski, A.Maksymowicz, M.Magdoń, *The one-ion magnetostriction in amorphous alloys*, J.Magn.Magn.Mater. **115** (1992) L143.
27. K.Kułakowski, J.Gonzalez, *Magnetic anisotropy and magnetostriction of atom pairs in metallic alloys*, J.Magn.Magn.Mater. **123** (1993) 169.
28. K.Kułakowski, A.Maksymowicz, M.Magdoń, *Magnetostriction of amorphous FeCo based alloys in a simple one-ion model*, in *Magnetoelastic Effects and Applications*, Ed. L.Lanotte, Elsevier, Amsterdam 1993, 71.
29. L.Dominguez, K.Kułakowski, J.Gonzalez, *Model calculation of the stress dependence of the shape magnetostriction in homogeneous amorphous alloys*, J.Magn.Magn.Mater. **128** (1993) L11.
30. J.M.Blanco, P.Aragoneses, E.Irurieta, J.Gonzalez, K.Kułakowski, *Influence of applied torsion on the bistable behaviour of CoSiB amorphous wire*, J.Appl.Phys. **75** (1994) 6315.
31. K.Kułakowski, A.Maksymowicz, M.Magdoń, *Two-ion magnetic anisotropy and magnetostriction in amorphous 3d alloys*, Acta Phys.Pol. A **85** (1994) 869.
32. K.Kułakowski, A. del Moral, *Model calculation of the crystal-field magnetostriction and its temperature dependence in the itinerant uniaxial ferromagnet Y2Fe17*, Phys.Rev. B **50** (1994) 234.