

Full publication list

- (i) **A. Kákay** and L.K. Varga, Monodomain critical radius for soft-magnetic fine-particles, accepted for publication in J. Appl. Phys. in 2004
- (ii) **A. Kákay**, M.W. Gutowski, L. Takacs, V. Franco and L.K. Varga, Langevin granulometry of particle size distribution, 2004 J. Phys. A.: Math. Gen. **37** 6027-6041.
- (iii) **A. Kákay** and L.K. Varga, Micromagnetic simulation of random anisotropy model, 2004 J. Magn. Magn. Mat. **272-76**: 741-742
- (iv) T. Trunk, M. Redjda, **A. Kákay**, M.F. Raune and F.B. Humphrey, Domain wall structure in Permalloy films with decreasing thickness at the Bloch to Néel transition, 2001 J. Appl. Phys. **89(11)** 7606-7608.
- (v) M. Redjda, **A. Kákay**, M.F. Raune and F.B. Humphrey, Cross-tie walls in thin Permalloy films, 2002 IEEE Trans. Magn. **38(5)** 2471-2473.
- (vi) M. Redjda, **A. Kákay**, T. Trunk, M. F. Ruane, and F. B. Humphrey, Simulation of three-dimensional nonperiodic structures of pi-vertical Bloch line (pi-VBL) and 2pi-VBL in Permalloy films, 2001 J. Appl. Phys. **89(11)** 7609-7611.
- (vii) M. Redjda, **A. Kákay**, M. F. Ruane, and F. B. Humphrey, Magnetic domain wall transitions based on chirality change and vortex position in thin Permalloy (TM) films, 2002 J. Appl. Phys. **91(10)** 8278-8280.
- (viii) L.K. Varga, G. Kovács, **A. Kákay**, F. Mazaleyrat, Z. Gercsi, J. Ferenc, É. Fazakas, T. Kulik, C.F. Conde, Microstructure and magnetic properties of $\text{Fe}_{85-x}\text{Co}_x\text{Nb}_5\text{B}_8\text{P}_2$ high temperature nanocrystalline alloys, 2004 J. Magn. Magn. Mater. **272-276(2)** 1506-1507.
- (ix) L.K. Varga, Z. Gercsi, G. Kovács, **A. Kákay**, F. Mazaleyrat, Stress-induced magnetic anisotropy in nanocrystalline alloys, 2003 J. Magn. Magn. Mater. **254** 477-479.
- (x) L.K. Varga, F. Mazaleyrat, G. Kovács, **A. Kákay**, The role of the residual amorphous matrix in determining the temperature dependence of soft magnetic properties of nc alloys, 2001 J. Magn. Magn. Mater. **226** 1550-1552.
- (xi) L.K. Varga, V. Franco, **A. Kákay**, G. Kovacs, F. Mazaleyrat, The role of internal and external demagnetizing effects in nanocrystalline alloys, 2001 IEEE Trans. Magn. **37(4)** 2229-2231.
- (xii) L.K. Varga, F. Mazaleyrat, J. Kovac, **A. Kákay**, Magnetic properties of rapidly quenched $\text{Fe}_{100-x}\text{Si}_x$ ($15 < x < 34$) alloys, 2001 Mat. Sci. Eng. A-Struct. **304** 946-949.
- (xiii) L.K. Varga, F. Mazaleyrat, J. Kovac, **A. Kákay**, Soft magnetic properties of nanocrystalline $\text{Fe}_{100-x}\text{Si}_x$ ($15 < x < 34$) alloys, 2000 J. Magn. Magn. Mater. **215** 121-123.