

PUBLICATION LIST OF MÁRTON MAJOR
as of March 31, 2006

- [1] M. Major. *Magnetic structure of finite stacked multilayers (in Hungarian)*. Diploma work, Eötvös University, 1999.
- [2] B. Degroote, M. Major, J. Meersschaut, J. Dekoster, and G. Langouche. Conservation of uniaxial symmetry in Fe/Ag multilayers grown on stepped Ag(001). *Surface Science*, 482-485:1090–1094, 2001.
- [3] D. L. Nagy, L. Bottyán, L. Deák, and M. Major. Synchrotron Mössbauer reflectometry – recent applications in multilayer magnetism. *Acta Physica Polonica A*, 100:669–678, 2001.
- [4] M. Major, L. Bottyán, and D. L. Nagy. Simulation of unsaturation domain formation in antiferromagnetic multilayers. *Acta Physica Polonica A*, 101:301–305, 2002.
- [5] M. Major, L. Bottyán, and D. L. Nagy. Simulation of antiferromagnetic domain formation history in magnetic multilayers. *Phys. Status Solidi A*, 189:995–999, 2002.
- [6] M. Major, L. Bottyán, and D. L. Nagy. Simulation of domain formation and domain coarsening in antiferromagnetic multilayers. *J. Magn. Magn. Mater.*, 240:469–471, 2002.
- [7] L. Bottyán, L. Deák, J. Dekoster, E. Kunnen, G. Langouche, J. Meersschaut, M. Major, D. L. Nagy, H. D. Rüter, E. Szilágyi, and K. Temst. Observation of the bulk spin-flop in an Fe/Cr superlattice. *J. Magn. Magn. Mater.*, 240:514–516, 2002.
- [8] D. L. Nagy, L. Bottyán, B. Croonenborghs, L. Deák, B. Degroote, J. Dekoster, H. J. Lauter, V. Lauter-Pasyuk, O. Leupold, M. Major, J. Meersschaut, O. Nikonov, A. Petrenko, R. Rüffer, H. Spiering, and E. Szilágyi. Coarsening of antiferromagnetic domains in multilayers: The key role of magnetocrystalline anisotropy. *Phys. Rev. Lett.*, 88:157202, 2002.
- [9] D. L. Nagy, L. Bottyán, L. Deák, B. Degroote, O. Leupold, M. Major, J. Meersschaut, R. Rüffer, E. Szilágyi, J. Swerts, K. Temst, and A. Vantomme. Specular and off-specular synchrotron Mössbauer reflectometry: Applications to thin film magnetism. *Phys. Status Solidi A*, 189(2):591–598, 2002.
- [10] D. L. Nagy, L. Bottyán, L. Deák, B. Degroote, J. Dekoster, O. Leupold, M. Major, J. Meersschaut, R. Rüffer, E. Szilágyi, and A. Vantomme. Off-specular synchrotron Mössbauer reflectometry: A novel tool for studying the domain structure in antiferromagnetic multilayers. *Hyperfine Interactions*, 141-142:459–464, 2002.
- [11] L. Deák, L. Bottyán, M. Major, D. L. Nagy, H. Spiering, E. Szilágyi, and F. Tanczikó. Recent developments in synchrotron Mössbauer reflectometry. *Hyperfine Interactions*, 144:45–52, 2002.
- [12] A. Tunyogi, F. Pászti, Z. Osváth, F. Tanczikó, M. Major, and E. Szilágyi. Asymmetric interfaces in Fe/Ag and Ag/Fe bilayers prepared by molecular beam evaporation. *Nucl. Instrum. Meth. B*, 2006. in press.