

V6 Reflectometer

Publications in 2003

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| <p><i>Temst, K.; Van Bael, M. J.; Swerts, J.; Loosvelt, H.; Popova, E.; Buntinx, D.; Bekaert, J.; Van Haesendonck, C.; Bruynsraede, Y.; Jonckheere, R.; Fritzsche, H.</i> Polarized neutron reflectometry on lithographically patterned thin film structures. Superlattices and Microstructures 2003, 34, (1-2), 87-105.</p> |
| <p><i>Temst, K.; Van Bael, M. J.; Swerts, J.; Buntinx, D.; Van Haesendonck, C.; Bruynsraede, Y.; Fritzsche, H.; Jonckheere, R.,</i> In-plane vector magnetometry on rectangular Co dots using polarized neutron reflectivity. Journal of Vacuum Science & Technology B 2003, 21, (5), 2043-2047.</p> |
| <p><i>Fritzsche, H.; Temst, K.; Van Bael, M.</i> Off-specular polarized neutron reflectometry from periodic arrays of lithographically structured Co dots. Langmuir 19 (2003), 7789-7793</p> |
| <p><i>Wesemann, A.; Ahrens, H.; Steitz, R.; Forster, S.; Helm, C. A.</i> Internal Interface of a Compressed PEE-PEO Diblock Copolymer Monolayer Langmuir 19 (2003), 709-716</p> |
| <p><i>Krasteva N.; R. Krustev; A. Yasuda; T. Vossmeye</i> Vapour Sorption in Self-Assembled Gold Nanoparticle/Dendrimer Films Studied by Specular Neutron Reflectometry Langmuir 19 (2003), 7754-7760</p> |
| <p><i>Lang, P.; Willner, L.; Pyckhout-Hintzen, W.; Krastev, R.</i> Isotropic to Nematic Transition in Solutions of Cylindrical PB-PEO Block Copolymer Micelles Close to a Wall Langmuir 19 (2003), 7597-7603</p> |
| <p><i>Schwendel, D.; Hayashi, T.; Dahint, R.; Pertsin, A.; Grunze, M.; Steitz, R.; Schreiber, F.;</i> Interaction of Water with Self-Assembled Monolayers: Neutron Reflectivity Measurements of the Water Density in the Interface Region Langmuir 19 (2003), 2284-2293</p> |
| <p><i>Steitz, R.; Gutberlet, T.; Hauss, T.; Klösgen, B.; Krastev, R.; Schemmel, S.; Simonsen, A. C.; Findenegg, G. H.;</i> Nanobubbles and Their Precursor Layer at the Interface of Water Against a Hydrophobic Substrate Langmuir 19 (2003), 2409-2418</p> |
| <p><i>Joseph Y.; N. Krasteva; I. Besnard; B. Guse; M. Rosenberger; U. Wild; A. Knop-Gericke; R. Schlögl; R. Krustev; A. Yasuda; T. Vossmeye</i> Gold-nanoparticle/organic linker films: self-assembly, electronic and structural characterisation, composition and vapour sensitivity Faraday Discussions 125 (2003), 77-97</p> |

Pynn, R.; Fitzsimmons, M.R.; Fritzsche, H.; Major, J.; Rekveldt, T.

Does Beam Divergence Matter for Neutron Reflectometry?

Physica B 336 (2003), 1-7

Fritzsche, H.; Temst, K.; Van Bael, M.

Off-specular polarized neutron reflectometry on lithographically structured thin films

Rec. Res. Devel. Applied Phys. 6 (2003), 105-121