

Surface relief grating formation on nano-objects

Submitted by Emmanuel Lemoine on Tue, 02/04/2014 - 16:12

Titre	Surface relief grating formation on nano-objects
Type de publication	Article de revue
Auteur	Barille, R�gis [1], Tajalli, Peyman [2], Zielinska, Sonia [3], Ortyl, Ewelina [4], Kucharski, Stanislaw [5], Nunzi, Jean-Michel [6]
Editeur	American Institute of Physics
Type	Article scientifique dans une revue � comit� de lecture
Ann�e	2009
Langue	Anglais
Date	2009
Num�ro	5
Pagination	053102 - 053102-3
Volume	95
Titre de la revue	Applied Physics Letters
ISSN	0003-6951
Mots-cl�s	Diffraction gratings [7], laser materials processing [8], nanopatterning [9], nanophotonics [10], optical fabrication [11], optical polymers [12], polymer films [13], surface treatment [14]
R�sum� en anglais	We exploit the photoinduced migration effect in azopolymer thin films to induce surface relief patterning of nano-objects. Manipulation and precise control of the molecular order is achieved at the nanoscale. Interaction between a laser beam from an argon laser and the azopolymer nano-objects induces structures on the surface. The self-patterning process is observed to depend on the laser beam polarization.
URL de la notice	http://okina.univ-angers.fr/publications/ua1943 [15]
DOI	10.1063/1.3192359 [16]
Lien vers le document	http://dx.doi.org/10.1063/1.3192359 [16]

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