



New Methacrylic Oxazolone and Thiazolidinone Containing Polymers for Nonlinear Optical Applications

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

Titre	New Methacrylic Oxazolone and Thiazolidinone Containing Polymers for Nonlinear Optical Applications
Type de publication	Article de revue
Auteur	Smokal, Vitaliy [1], Kolendo, Aleksey [2], Krupka, Oksana [3], Derkowska-Zielinska, Beata [4], Czaplicki, Robert [5], Sahraoui, Bouchta [6]
Editeur	Taylor & Francis
Type	Article scientifique dans une revue à comité de lecture
Année	2008
Langue	Anglais
Date	2008
Numéro	1
Pagination	1011 - 1018
Volume	485
Titre de la revue	Molecular Crystals and Liquid Crystals
ISSN	1542-1406
Résumé en anglais	Oxazolone and thiazolidinone derivatives were synthesized and their physicochemical properties are determined by absorption, HNMR spectroscopies. The third order nonlinear optical properties of oxazolone and thiazolidinone containing compounds were investigated in solutions using degenerate four wave mixing (DFWM) method at 532 nm.
URL de la notice	http://okina.univ-angers.fr/publications/ua2105 [7]
DOI	10.1080/15421400801926172 [8]
Lien vers le document	http://dx.doi.org/10.1080/15421400801926172 [8]

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