



Optimization of liquid crystal structures for real time holography applications

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Auteur	Sahraoui, Bouchta [1], Anczykowska, A. [2], Bartkiewicz, Stanislaw [3], Mysliwiec, Jaroslaw [4]
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Résumé en anglais	In this paper we present results of experiments designed to increase our understanding of the photorefractive effect occurring during processes of dynamic hologram generation in Hybrid Photorefractive Liquid Crystal Structures (HPLCS). We also propose equivalent mathematical model which can be used to optimize those structures in order to obtain the highest diffraction efficiency in possibly shortest time. (C) 2011 Optical Society of America
URL de la notice	http://okina.univ-angers.fr/publications/ua3158 [10]

Liens

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