

Photoinduced Gratings in Functionalized Azo-Carbazole Compounds in Picosecond Regime

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R�sum� en anglais	We report results of diffraction grating inscription on thin films prepared from epoxy resin doped with azo-carbazole based dyes. Diffraction gratings were recorded at the wavelength 532 nm and monitored through intensity of first order of diffraction (632 nm). Atomic force microscope scans of the gratings show that a surface relief grating also appeared.
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