

ENHANCED PHOTSENSITIVITY IN TIN-DOPED SILICA AND GERMANOSILICATE OPTICAL GLASSES.

G. Brambilla, V. Pruneri and L. Reekie

Optoelectronics Research Centre, University of Southampton, Southampton, SO17 1BJ, U.K.
Tel. ++44 (0)23 8059 3954, Fax. ++44 (0)23 8059 3149, e-mail: gb2@orc.soton.ac.uk

Abstract

We report recent developments on materials and techniques to improve the photosensitivity of glass based optical fibres and waveguides. These will include thermal treatments and use of dopants such as tin. Measurements on structural changes and defect formation will be presented.

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