

ERRATA AND OTHER CORRECTIONS

Withdrawal of Chinese Physics Letters 26 (2009) 114209 "A Sensitive Scheme to Observe Weak Photo-Refraction Effects in Some Nonlinear Optical Crystals Pumped by Ultrashort Optical Pulses"

To cite this article: Xu Shi-Xiang 2011 *Chinese Phys. Lett.* **28** 069901

View the [article online](#) for updates and enhancements.

You may also like

- [Photonic crystal fiber polarization filter with two large apertures coated with gold layers](#)
Jun-Jun Wu, , Shu-Guang Li et al.
- [Author index with titles](#)
- [Electro-optomechanical switch via tunable bistability and four-wave mixing](#)
Kamran Ullah

Withdrawal of Chinese Physics Letters 26 (2009) 114209 “A Sensitive Scheme to Observe Weak Photo-Refractive Effects in Some Nonlinear Optical Crystals Pumped by Ultrashort Optical Pulses”

XU Shi-Xiang(徐世祥)*

Shenzhen Key Lab of Micro-Nano Photonic Information Technology, Shenzhen University, Shenzhen 518060

(Received 12 April 2011)

This paper has been retracted because Fig. 2 is copied from an earlier paper, “Interband photorefractive effect in β -BBO crystal due to multiphoton excitation by intense ultrashort optical pulses” by Shixiang Xu *et al.*, which appeared in *Optics Express* 15 (2007) 10576, and its Figs. 3 and 4 also present similar data as in Figs. 3 and 4 of the same *Optics Express* paper though they are measured at a different pumping power. This paper includes the first meaningful measurements of the photorefractive effect in BIBO and LBO crystals by intense ultrashort optical pulses, the first explanation of the phase-matching effect on the measurement of the photorefractive effect in BBO crystal and the reduction of pumping beam intensity

of the second harmonic generator in the experimental setup to mitigate the effect of the nonlinear instability on our measurements. However, I admit, the Chinese Physics Letter paper contains serious replication without proper citation.

I am so sorry for my faults and nescience. I alone, as the first author of the paper, was responsible for this misconduct. I also want to express my deepest apology to Professor Li Jing-zhen, Professor Gao Yan-xia and Dr. Cai Hua, whose names were listed as the co-authors of the above referenced paper without their approvement and knowledge, and to both journals, *Chinese Physics Letters* and *Optics Express*.

*Email: shxxu@szu.edu.cn

© 2011 Chinese Physical Society and IOP Publishing Ltd