Chinese Optics Letters

Volume 10 Number 9 September 10, 2012 www.col.org.cn

Atomic and Molecular Physics		
Estimating optical lattice alignment by RF spectroscopy	Wei Xiong, Yin Zhang, Zhaoyuan Ma, and Xuzong Chen	090201
Diffraction and Gratings		
Fabrication and characterization of sliced multilayer transmission grating for X-ray region	Qiushi Huang, Haochuan Li, Jingtao Zhu, Xiaoqiang Wang, Zhanshan Wang, Lingyan Chen, and Yongjian Tang	090501
Flexible subwavelength gratings fabricated by reversal soft UV nanoimprint	Liangjin Ge, Xudi Wang, Huoyao Chen, Keqiang Qiu, and Shaojun Fu	090502
Fiber Optics and Optical Comm	unications	
Refractive index sensor based on tapered PCF in-line interferometer	Qi Liu and Qin Wang	090601
Experimental and theoretical analyses of RSOA-based colorless-ONUs with 4PAM sig- nal in the up-link	Yueying Zhan, Min Zhang, Lei Liu, Mingtao Liu, Zhuo Liu, and Xue Chen	090602
Holography		
Numerical correction of splicing dislocation between sub-holograms in synthetic aperture digital holography using convolution approach	Hongzhen Jiang, Jianlin Zhao, and Jianglei Di	090901
Image Processing		
Registration and integration algorithm in structured light three-dimensional scanning based on scale-invariant feature matching of multi-source images	Haihua Cui, Wenhe Liao, Ning Dai, and Xiaosheng Cheng	091001
Imaging Systems		
Experimental research of circular incoher- ently synthetic aperture imaging ladar using chirped-laser and heterodyne detection	Yi Yan, Jianfeng Sun, Xiaofeng Jin, Yu Zhou, Yanan Zhi, and Liren Liu	091101
Instrumentation, Measurement,	and Metrology	
Real-time measurement of retardation of eighth-wave plate independent of fast-axis direction	Ruifang Fang, Aijun Zeng, Longhai Liu, Linglin Zhu, and Huijie Huang	091201

Es

W

In the flas dragger and the ach conden made to potent Kapitz super squeez optical measur clocks

Apa

lattice

The sp

choosi

tween

adjust

fold te

ulation

contro proble optica thus le resona enable cloud light less so the la

frequ RF s withouthe n posit lattic

the trap

1671