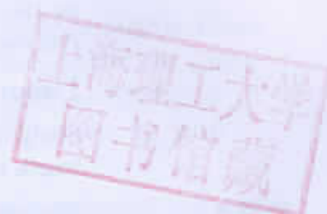


Chinese Optics Letters

Volume 14
Number 10
October 10, 2016
col.opticsx.org



Atmospheric and oceanic optics

- First light on an adaptive optics system using a non-modulation pyramid wavefront sensor for a 1.8 m telescope
Shengqian Wang, Kai Wei, Wenjia Zheng, and Changhui Rao 100101
- Prototype of solar ground layer adaptive optics at the 1 m New Vacuum Solar Telescope
Lin Kong, Lanqiang Zhang, Lei Zhu, Hua Bao, Youming Guo, Xuejun Rao, Libo Zhong, and Changhui Rao 100102

Diffraction and gratings

- Low-cost method of fabricating large-aperture, high efficiency, Fresnel diffractive membrane optic using a modified moiré technique
Jian Zhang, Mengjuan Li, Ganghua Yin, Jianchao Jiao, Zhengkun Liu, Xiangdong Xu, and Shaojun Fu 100501

Fiber optics and optical communications

- Carrier phase estimation scheme for faster-than-Nyquist optical coherent communication systems
Chengcheng Li, Dongwei Pan, Yiqiao Feng, Jiachuan Lin, Lixia Xi, Xianfeng Tang, Wenbo Zhang, and Xiaoguang Zhang 100601
- Raman scattering enhancement characteristic of NbCl_5 - and Nb_2O_5 -doped silica fibers
Pengxiang Yang, Zhengyi Chen, Na Chen, Shupeng Liu, Bo Lu, and Tingyun Wang 100602
- All-fiber electro-optic modulator based on D-shaped twin-core fiber
Jianshuai Wang, Li Pei, Sijun Weng, Liangying Wu, Tigang Ning, and Jing Li 100603
- Crosstalk-aware RCSA for spatial division multiplexing enabled elastic optical networks with multi-core fibers
Ruijie Zhu, Yongli Zhao, Hui Yang, Haoran Chen, Jie Zhang, and Jason P. Jue 100604

Geometric optics

- Design of a freeform, dual fields-of-view, dual focal lengths, off-axis three-mirror imaging system with a point-by-point construction-iteration process
Tong Yang, Jun Zhu, and Guofan Jin 100801

Holography

- Generation of edge-preserved noise-added phase-only hologram
P. W. M. Tsang, Y. T. Chow, and T.-C. Poon 100901

Imaging systems

- Practical millimeter-wave holographic imaging system with good robustness
Yukun Zhu, Minghui Yang, Liang Wu, Yun Sun, and Xiaowei Sun 101101

Contents continued

Optical readout method based on time-discrete modulation for micro-cantilever array sensing	<i>Xuhong Chu, Liqun Dong, Yuejin Zhao, Xiaomei Yu, and Yun Feng</i>	101102
Power efficiency of time-stretch imaging system by using parallel interleaving detection	<i>Mengxuan Lv, Bo Dai, Songchao Yin, Dawei Zhang, and Xu Wang</i>	101103
Integrated optics		
Analysis of an integrated tunable spectrometer for the short to mid-infrared range based on a ring resonator	<i>Jie Huang, Junbo Yang, Hailiang Zhang, Hongqing Wang, Wenjun Wu, Dingbo Chen, and Shengli Chang</i>	101301
Lasers and laser optics		
Study on the sensitivity of optical cavity length to light power fluctuation	<i>Wen Qi, Yanyi Jiang, Xueyan Li, Li Jin, Zhiyi Bi, and Longsheng Ma</i>	101401
Characterization of electromagnetic pulses via arrays on ShenGuang-III laser facility laser	<i>Ming Yang, Tingshuai Li, Chuanke Wang, Jinwen Yang, Weiming Yang, Tao Yi, Shenyue Liu, Shaoren Jiang, and Yongkun Ding</i>	101402
Optical devices		
Indoor multi-robot intelligent coordination based on omni-directional visible light communication	<i>Zhitong Huang, Cao Yan, Ke Wu, and Yuefeng Ji</i>	102301
Charge distribution into illuminated dyedoped surface stabilized ferroelectric liquid crystal cell	<i>Marek Sutkowski and Wiktor Piecsek</i>	102302
Design of a concise and dual-band tunable metamaterial absorber	<i>Zongzhe Li, Chunya Luo, Gang Yao, Jin Yue, Jie Ji, Jianquan Yao, and Furi Ling</i>	102303
Coverage of coherent output states in parallel-coupled dual-racetrack microresonators	<i>Wei Jiang and Yating Zhou</i>	102304

Optical ground-based Adaptive the distortion wavefront thereby limited in sensor to produced by key elements a large in tion of t (PWFS) astronom for applic and flex PWFS in by more PWFS is AO syste front ser in the T Large E results h gated for and the present, used in la successfu Observat this sens

The 1. Cassegra reflected