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目 次

· 综述 ·

腔衰荡吸收光谱技术的研究进展及典型应用(封面文章)	徐毓阳,余锦,貂泽强,等	1900001
激光加工微孔质量的研究	张云龙,孙树峰,王茜,等	1900002
半导体激光器失效机理与检测分析研究进展	孙天宇,夏明俊,乔雷	1900003
飞秒激光加工机理及仿真研究进展	吴雪峰,梅三林	1900005
二硫化钼光电探测器的研究进展	胡万彪,张婉,顾成鼎	1900006

· 大气光学与海洋光学 ·

一种估测气溶胶吸收系数垂直分布的理论方法	李宝莹,崔生成,乔智,等	1901001
成都秋冬季气溶胶消光系数的非平稳性分析	杨萌,倪长健,孟子圣,等	1901002
基于MODIS参数的卷云光学厚度计算方法	叶松,付思梦,李树,等	1901003
各向异性海洋湍流对外差式DPSK无线光通信系统的性能研究	贺锋涛,王妮,张建磊,等	1901004
基于大气消光系数概率分布参数的湿度订正方法	李川,倪长健,杨萌,等	1901005

· 衍射与光栅 ·

非对准高斯光束入射下的小孔衍射光强分布	张通,高芬,李兵,等	1905001
---------------------	------------	---------

· 光纤光学与光通信 ·

基于光纤偏振特性的压力传感中测量范围的拓展方法	张超,苏洋,王艺敏,等	1906001
湍流扰动单模光纤耦合效率概率分布研究	宋佳雪,陈纯毅,姚海峰,等	1906002
基于锥形聚合物波导的高灵敏光纤温度传感探头	丛爱民,李敏,曹万苍,等	1906003
自由空间光通信中的MIMO极化编码方法	文豪,曹阳,彭小峰,等	1906004
基于OFDR裸光纤表面粘贴式应变传递的分析及试验研究	王钰茹,田石柱	1906005
基于级联腔法布里-珀罗干涉仪的温度和压力同时测量	胡白燕,文富荣,程永山,等	1906006

· 仪器,测量与计量 ·

旋转平移法平面绝对检测的偏心误差修正	沈帆帆,田爱玲,王大森,等	1912001
介质的吸收对掠射法测量折射率的影响	张秋长,罗天舒,周书伟,等	1912002
大口径光电设备温度补偿模型研究	梁倩,张涯辉	1912003
刀口法测量拉盖尔-高斯涡旋光斑的理论与实验研究	马靖博,李鹏,周子恒,等	1912004
基于迈克耳孙干涉仪的表面焊接缺陷检测	吕思航,丁红昌,向阳,等	1912005

· 集成光学 ·

基于平衡探测的集成光波导电场传感器研制	姜超,张家洪,李英娜,等	1913001
---------------------	--------------	---------

· 激光器与激光光学 ·

1560 nm飞秒激光分离脉冲非线性放大压缩技术研究	张静,程林,罗传仙,等	1914001
LD端面泵浦千赫兹多波长激光器	冉子涵,赵一鸣,李静,等	1914002
915 nm激光二极管端面泵浦的高稳定性全固态355 nm紫外激光器	侯杰,贾海旭,白雅苏拉	1914003
激光功率和扫描速度对熔覆组织与性能的影响	林冉,舒林森,董月,等	1914004

掺镱光纤放大器混沌输出随机特性研究	祝王华,杨玲珍,任静峰,等	1914005
激光熔凝不锈钢的组织 and 综合性能	王子璇,胡艳娇,庞铭	1914006
激光熔覆 Fe-Cr-Mo-Si 合金涂层的组织与摩擦磨损性能	董月,舒林森,林冉	1914007
扫描间距对激光选区熔化 NiTi 形状记忆合金相变行为及力学性能的影响	余春风,胡永俊,卢冰文,等	1914008
脉冲频率对油漆层激光清洗作用机制的影响	童懿,邱太文,易俊兰,等	1914009
基于窄线宽光栅的光纤激光器倍频技术	韦丽娟,曹剑,张庆茂,等	1914010
· 材料 ·		
光热膜的制备以及光芬顿催化性能的研究	李浩,周庆欣,马生华,等	1916001
· 医用光学与生物技术 ·		
可独立调控的多通道体外无线光遗传刺激系统	苏良闯,陈涛	1917001
· 非线性光学 ·		
相位共轭光反馈下半导体环形激光器的动力学	张定梅,蒋再富	1919001
· 光学设计与制造 ·		
用于 LED 准直的 TIR 透镜与反光杯效果研究	王海洋,金志樑,王沛沛,等	1922001
RIE 工艺参数对 4H-SiC 刻蚀速率和表面粗糙度的影响	万泽洪,崔恩康,于圣韬,等	1922002
军用长出瞳距狙击步枪瞄准镜远心光路设计	许本有,钟远,李振,等	1922003
· 光学器件 ·		
三维集成光学芯片中波导之间的耦合研究	庄瑞,洪晶晶,刘爱萍,等	1923001
· 表面光学 ·		
一种降低气体辉光放电驱动用恒流源功耗电路	王永清,刘欢,万真真,等	1924001
用于全固态 355 nm 紫外激光器的三波长高反膜	庄秋慧,王三强	1924002
· 物理光学 ·		
光谱编码型穆勒矩阵测量中的相位延迟量误差分析	黄书强,江秀美,冯元华	1926001
· 量子光学 ·		
V-型三能级原子与双模腔场模型中的量子纠缠交换方案	张蕾	1927001
· 散射 ·		
典型卫星表面材料近红外偏振特性分析	陈宏毅,李英超	1929001
基于单光路偏振复用的微波瞬时频率测量方案	黄蓝锋,李勇军,赵尚弘,等	1929002
· 光谱学 ·		
中红外区低浓度 CO ₃ ²⁻ 水溶液摩尔吸光系数的测量	张美婷,程广壮,朱翠凤,等	1930001
· 薄膜 ·		
倍频分离薄膜中的半波孔抑制研究	鲍刚华,谢雨江,王奔,等	1931002
· 视觉,颜色与视觉光学 ·		
基于色貌模型 CIECAM02 和 CIECAM16 的观察者色觉差异研究	史春洁,朱斐	1933001



封面解读

本封面展示了基于高精度直线腔的腔衰荡光谱检测工作原理,当一束激光透过腔内介质后产生衰减,衰荡曲线拟合出来的衰荡时间是腔衰荡光谱技术的重要测量参量。基于此,腔衰荡光谱技术以测量衰荡时间代替传统的测量光强,该方法有效避免了激光波动对测量精度的影响,同时高精度光学谐振腔等效吸收光程长和选择性高的特点,使腔衰荡光谱技术在检测过程中具有高灵敏度和高分辨率的优点。

CONTENTS

Reviews

Advances in Cavity Ring-Down Absorption Spectroscopy Research and Typical Applications(Cover Paper)	
.....	<i>Xu Yuyang, Yu Jin, Mo Zeqiang, et al.</i> 1900001
Research on Quality of Micro-Holes Fabricated by Laser Drilling	
.....	<i>Zhang Yunlong, Sun Shufeng, Wang Xi, et al.</i> 1900002
Failure Mechanism and Detection Analysis of Semiconductor Laser	<i>Sun Tianyu, Xia Mingjun, Qiao Lei</i> 1900003
Research Progress in Femtosecond Laser Machining Mechanism and Simulation Analysis	
.....	<i>Wu Xuefeng, Mei Sanlin</i> 1900005
Review of Molybdenum Disulfide Photodetectors	<i>Hu Wanbiao, Zhang Wan, Gu Chengding</i> 1900006

Atmospheric Optics and Oceanic Optics

Theoretical Method to Estimate Vertical Distribution of Aerosol Absorption Coefficient	
.....	<i>Li Baoying, Cui Shengcheng, Qiao Zhi, et al.</i> 1901001
Nonstationary Analysis of Aerosol Extinction Coefficient in Chengdu During Autumn and Winter	
.....	<i>Yang Meng, Ni Changjian, Meng Zisheng, et al.</i> 1901002
Optical Thickness Calculation Method of Cirrus Based on MODIS Parameters	
.....	<i>Ye Song, Fu Simeng, Li Shu, et al.</i> 1901003
Performance of Heterodyne DPSK Wireless Optical Communication System Under Anisotropic Ocean Turbulence	
.....	<i>He Fengtao, Wang Ni, Zhang Jianlei, et al.</i> 1901004
Humidity Correction Method Based on Probability Distribution Parameter of Atmospheric Extinction Coefficient	
.....	<i>Li Chuan, Ni Changjian, Yang Meng, et al.</i> 1901005

Diffraction and Gratings

Diffraction Intensity Distribution of Pinhole for Misaligned Gaussian Beam Incidence	
.....	<i>Zhang Tong, Gao Fen, Li Bing, et al.</i> 1905001

Fiber Optics and Optical Communications

Measurement Range Expansion of Pressure Sensing Using Fiber Polarization	
.....	<i>Zhang Chao, Su Yang, Wang Yimin, et al.</i> 1906001
Study on Probability Distribution of Single-Mode Fiber Coupling Efficiency Distorted by Turbulence	
.....	<i>Song Jiaxue, Chen Chunyi, Yao Haifeng, et al.</i> 1906002
Highly Sensitive Optical Fiber Temperature-Sensing Probe Based on Conical Polymer Waveguide	
.....	<i>Cong Aimin, Li Min, Cao Wancang, et al.</i> 1906003
MIMO Polarization-Coding Method in Free Space Optical Communication	
.....	<i>Wen Hao, Cao Yang, Peng Xiaofeng, et al.</i> 1906004
Analysis of Surface-Bonded Strain Transfer Using Optical Frequency Domain Reflectometry Bare Fiber	
.....	<i>Wang Yuru, Tian Shizhu</i> 1906005
Simultaneous Measurement of Temperature and Pressure Based on Cascaded Fabry-Perot Interferometer	
.....	<i>Hu Baiyan, Wen Furong, Cheng Yongshan, et al.</i> 1906006

Instrumentation, Measurement and Metrology

Correction of Eccentricity Error in Absolute Flat Surface Testing by Shift-Rotation Method	
.....	<i>Shen Fanfan, Tian Ailing, Wang Dasen, et al.</i> 1912001
Influence of Medium Absorption on Refractive Index Measured by Grazing Method	
.....	<i>Zhang Qiuzhang, Luo Tianshu, Zhou Shuwei, et al.</i> 1912002
Temperature Compensation Model for Large-Aperture Optoelectronic Devices	
.....	<i>Liang Qian, Zhang Yahui</i> 1912003
Theoretical and Experimental Study on the Measurement of Laguerre-Gaussian Vortex Spot Size	
Using Knife-Edge Method	<i>Ma Jingbo, Li Peng, Zhou Ziheng, et al.</i> 1912004
Surface Welding Defect Detection Based on Michelson Interferometer	
.....	<i>Lü Sihang, Ding Hongchang, Xiang Yang, et al.</i> 1912005

Integrated Optics

Development of Integrated Optical Waveguide Electric Field Sensor Based on Balance Detection	
.....	<i>Jiang Chao, Zhang Jiahong, Li Yingna, et al.</i> 1913001

Lasers and Laser Optics

Nonlinear Amplification and Compression of Femtosecond Laser at 1560 nm via Divided-Pulse Technology	
.....	<i>Zhang Jing, Cheng Lin, Luo Chuanxian, et al.</i> 1914001
LD End-Pumped Kilohertz Multiwavelength Lasers	<i>Ran Zihan, Zhao Yiming, Li Jing, et al.</i> 1914002
355 nm all-solid state ultraviolet laser with high stability end-pumped by 915 nm laser diode	
.....	<i>Hou jie, Jia Haixu, Baiya Sula</i> 1914003

Effect of Laser Power and Scanning Speed on Microstructure and Properties of Cladding	Lin Ran, Shu Linsen, Dong Yue, et al. 1914004
Study on Random Characteristic of Chaotic Output of Ytterbium-doped Fiber Amplifier	Zhu Wanghua, Yang Lingzhen, Ren Jingfeng, et al. 1914005
Microstructure and Comprehensive Properties of Laser-Melted Stainless Steel	Wang Zixuan, Hu Yanjiao, Pang Ming 1914006
Microstructure and Friction and Wear Properties of Laser Cladded Fe-Cr-Mo-Si Alloy Coating	Dong Yue, Shu Linsen, Lin Ran 1914007
Effect of Hatch Spacing on Phase-Transformation Behavior and Mechanical Properties of NiTi Shape Memory Alloy Fabricated Using Selective Laser Melting	Yu Chunfeng, Hu Yongjun, Lu Bingwen, et al. 1914008
Effect of Pulse Frequency on Laser Cleaning Mechanism of Paint Coating	Tong Yi, Qiu Taiwen, Yi Junlan, et al. 1914009
Frequency Doubling of Fiber Laser Based on Narrow Linewidth Grating	Wei Lijuan, Cao Jian, Zhang Qingmao, et al. 1914010
Materials	
Preparation of Photothermal Membrane and Catalytic Performance of Photo-Fenton	Li Hao, Zhou Qingxin, Ma Shenghua, et al. 1916001
Medical Optics and Biotechnology	
Wireless Stimulation System with Multiple Channels and Independent Regulation for Optogenetics <i>in Vitro</i>	Su Liangchuang, Chen Tao 1917001
Nonlinear Optics	
Dynamics of Semiconductor Ring Laser Subject to Phase Conjugate Optical Feedback	Zhang Dingmei, Jiang Zaifu 1919001
Optical Design and Fabrication	
Study on Effect of TIR Lens and Reflector for LED Collimation	Wang Haiyang, Jin Zhiliang, Wang Peipei, et al. 1922001
Effects of Reactive Ion Etching Parameters on Etching Rate and Surface Roughness of 4H-SiC	Wan Zehong, Cui Enkang, Yu Shengtao, et al. 1922002
Telecentric Light Path Design for Sniper Rifle Telescopic Sight with Long-Eye Distance	Xu Benyou, Zhong Yuan, Li Zhen, et al. 1922003
Optical Devices	
Coupling Between Waveguides in Three-Dimensional Integrated Optical Chip	Zhuang Rui, Hong Jingjing, Liu Aiping, et al. 1923001
Optics at Surfaces	
Low Power Consumption Circuit of Constant Current Source for Driving Gas Glow Discharge	Wang Yongqing, Liu Huan, Wan Zhenzhen, et al. 1924001
Three-Wavelength High-Reflectivity Film for All-Solid-State 355-nm Ultraviolet Laser	Zhuang Qihui, Wang Sanqiang 1924002
Physical Optics	
Analysis of Phase Error of Retarders in Spectrally Encoded Mueller Matrix Measurement	Huang Shuqiang, Jiang Xiumei, Feng Yuanhua 1926001
Quantum Optics	
Scheme for Quantum Entanglement Swapping in V-Type Three-Level Atom and Two-Mode Cavity Field Model	Zhang Lei 1927001
Scattering	
Analysis of Near-Infrared Polarization Characteristics of Typical Satellite Surface Materials	Chen Hongyi, Li Yingchao 1929001
Microwave Instantaneous Frequency Measurement Based on Single Lightpath Polarization Multiplexing	Huang Lanfeng, Li Yongjun, Zhao Shanghong, et al. 1929002
Spectroscopy	
Measurement of Molar Absorptivity of Low-Concentration Carbonate Aqueous Solution in Mid-Infrared Region	Zhang Meiting, Cheng Guangzhuang, Zhu Cuifeng, et al. 1930001
Thin Films	
Half-Wave Hole Suppression of Harmonic Beam Splitting Films	Bao Ganghua, Xie Yujiang, Wang Ben, et al. 1931002
Vision, Color, and Visual Optics	
Research on Color Vision Differences of Observers Based on Color Appearance Model CIECAM02 and CIECAM16	Shi Chunjie, Zhu Fei 1933001

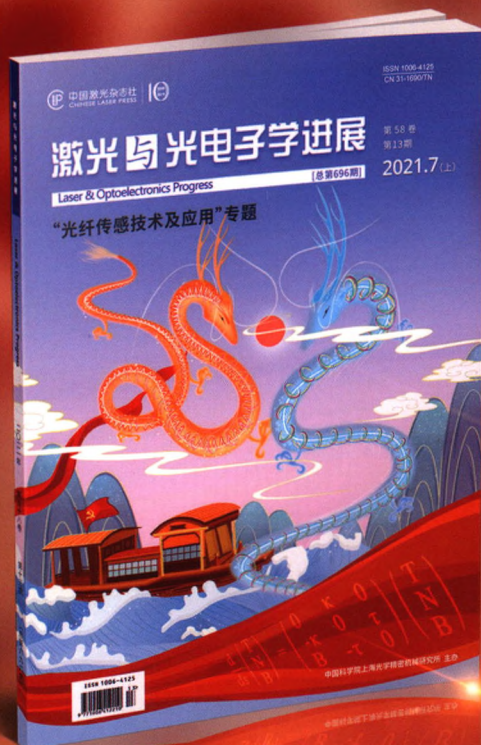
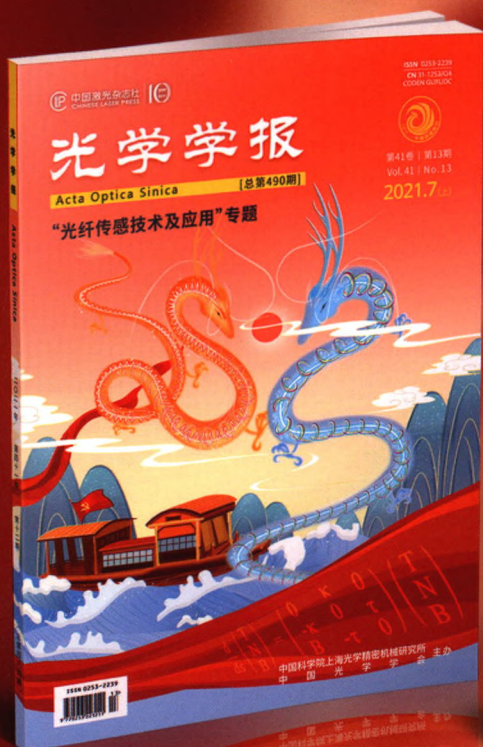




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