

# TABLE OF CONTENTS

## 目 录

**Research on Frequency Response Testing Method of Photodetector Based on Offset**
**Phase Lock Servo System**

(基于相位偏移伺服系统的光电探测器频响测试方法研究)

C. LIU, X. B. ZHU..... 75

**Study on the Effect of Filament Voltage in the J. Frank-G. Hertz Experiment on the Experimental Results**

(弗兰克 - 赫兹实验灯丝电压对实验结果影响的研究)

G. Y. WEI, X. Y. BAO, Z. LU..... 81

**Simulation Analysis and Optimization of Phase Locked Photoelectric Oscillator**

(相位锁定光电振荡器的仿真分析与优化)

C. Y. CAI..... 89

**Development in Fiber Bragg Grating Sensing Technology**

(光纤光栅传感技术发展综述)

S. C. JIANG..... 98

**The Eigen-Mode and Eigen-Charge of Plasmons in Cylindrical Atomic Clusters**

(圆柱形原子团簇中等离激元的本征模式和本征电荷分布)

H. J. XUE, H. C. WU, Z. YAO, X. M. WANG..... 106

**A New Method for Obtaining Multiband Band Gap between Two-Dimensional Photonic Crystals**

(一种获得二维光子晶体多个宽带隙的新方法)

Y. W. CHEN, H. X. DU, Z. R. CHEN..... 113

**Study on Electro-Optic Properties of One-Dimensional Photonic Crystals Band Structure**

(一维光子晶体能带结构的电光特性研究)

Z. P. LI, X. G. WU, Y. H. GAO, Z. Y. WANG, H. X. MA..... 123

**Auto-Focus Technique of Microimaging System Based on Liquid Lens**

(基于液体透镜自动聚焦显微成像系统设计)

Z. H. ZHANG, S. R. WANG, Y. HUANG..... 131