

TABLE OF CONTENTS

目 录

Research Progress in the Applications of New Two-Dimensional Materials in Solid State Lasers

(新型二维材料在固体激光器中的应用研究进展)

S. S. PU, W. Y. ZHANG, Y. ZHOU, G. S. REN, X. J. MENG, C. DU, Q. H. WANG, D. LV, X. FANG.....417

The Study of Magnetic Transition in $Mn_3Cu_{0.5}Zn_{0.5}N$ under Pressures

($Mn_3Cu_{0.5}Zn_{0.5}N$ 压力下的磁转变研究)

J. Y. HU, J. G. LI, H. T. CHEN.....424

A Review of Ultrasonic Methods Used for Nondestructive Characterization of Polycrystalline Materials

(多晶金属材料超声无损表征方法研究综述)

P. LI, Y. ZHAO, X. BAI, J. MA.....429

Coherent Control of Spatiotemporal Evolution of the Localized Surface Plasmon Field

(局域表面等离激元场时空演化的相干控制)

H. B. SONG, J. G. LEI, B. Y. JI, P. LANG, J. Q. LIN.....442

Research on Young's Modulus Measurement Error and Improvement of Experimental Instruments

(杨氏模量测量误差研究及实验仪器的改进)

F. F. LIU, C. H. LIU, B. GUO.....449

Study on the Effect of Centrifugal Force on River Channel Tension in Axisymmetric Bend

(离心力对轴对称弯道河槽张力作用的研究)

M. W. HEI, J. Y. ZHANG, Z. J. REN, Y. CHENG, L. SUN, C. L. SUN, Y. J. ZHANG.....455

Optimal Thickness Design of Thermal Protective Clothing

(热防护服的最优厚度设计)

R. Q. SHAO, J. SHI, X. FANG.....462

The Application of an Interior Low VOC Polypropylene Material

(一种低 VOC 汽车内饰聚丙烯材料的应用)

L. L. ZHANG, H. M. DING, J. CAO, T. YAN, X. Y. JIA, W. W. WANG.....477

Influence of Femtosecond Filaments on Microwave Propagation

(飞秒激光成丝对微波传输的影响研究)

J. Q. CHEN, J. W. CHANG, L. L. FU, L. Z. ZHANG, Z. Q. HAO.....483