

TABLE OF CONTENTS

目 录

Effect of Distribution of Dead Cells on Pacemaking and Driving Function of Sinoatrial Node

(心肌组织死亡细胞分布对窦房结搏动信号传导功能的影响)

X. Q. SI, J. Q. ZHANG, C. L. CHEN, Y. Q. WANG, H. G. ZHANG.....35

The P-Branch Spectral Lines in $b^1\Pi-a^1\Sigma^+$ System of BN (BN 分子 $b^1\Pi-a^1\Sigma^+$ 的 P 线系发射谱线研究)

Q. C. FAN, W. G. SUN, Q. WANG, Y. L. ZHOU, S. B. DAI.....41

The Investigation of Properties and Theory of Bio-energy Transport in Protein Molecules (生物能量在蛋白质分子中传递的特性和理论研究)

X. F. PANG.....47

Shape Reconstruction of Flaws Using Modified KIRCHHOFF Approximation in Inhomogeneous Material

(用改进的 Kirchhoff 近似方法对非均匀介质中缺陷形状重构)

G. F. ZHENG, B. WU, C. F. HE.....60

First-Principles Calculations of Elastic, Electronic and Optical Properties of Tetragonal SrHfO₃ Crystal

(四方晶相 SrHfO₃ 弹性性质、电子结构和光学性质的第一性原理计算)

J. G. DING, L. P. FENG, Q. J. LIU, Z. T. LIU.....64

Research on the Turbulent Flow around Guide Vane of Francis Turbine (混流式水轮机活动导叶动态绕流

特性研究)

W. Q. WANG, L. X. ZHANG, Y. YAN, Y. K. GUO.....69

Flight Dynamic Mathematical Model of Tilt Dual Rotor Micro Aerial Vehicle (可倾转双旋翼微型飞行器

飞行力学模型研究)

H. M. CAI, H. S. ANG, W. B. DUAN.....76

Theoretical Studies of First Hyperpolarizabilities of Octopolar Molecules without Dipole Moments (无偶极矩

八极分子一阶超极化率的理论计算)

W. ZENG.....80