

TABLE OF CONTENTS 目 录

Theoretical Study on Thermal Expansions of Cyclic Molecules in Molecular Machines (分子机器中环状分子热膨胀性质的理论研究)

J. TANG, J. P. HUANG.....163

Theoretical Study on the Heat Conductivities of Cyclic Molecules in Molecular Machines (分子机器中环状分子热传导性质的理论研究)

J. P. HUANG, J. TANG.....169

Influence of Ag/Cu Micro-Doping on the Fusing Time and Fusing Position of Au Nanowires (Ag、Cu 微掺杂对 Au 纳米线熔断时间和熔断位置的影响)

T. H. GAO, X. ZHANG, X. C. HU, Y. D. LI, L. REN.....175

Report on a Possible Physical Mechanism of Minimum Unit Charge Forming (形成最小单位电荷的一种可能的物理机制)

T. S. XIA.....183

Influence of Heating Rate on the Fusing Characteristics and Fusing Time of Au Nanowire (升温速率对 Au 纳米线熔断特性和熔断时间的影响)

X. C. HU, T. H. GAO, X. ZHANG, Y. D. LI, L. REN, K. W. LI.....190

The Research on Relationship between Neureinos and Weak Force (关于中微子质量属性与弱力关系的研究)

Z. D. HUANG.....197

A Random Fiber Laser of Dye (一种光纤染料随机激光器)

Z. REN, J. J. SONG, K. GE, N. ZHENG.....213