

平成17年度博士後期課程修了者および博士課程論文題目

北澤 田鶴子

Theoretical and Experimental Study on Brillouin Spectroscopy under Evanescent Excitation

住竈 聡之

Search for the G-Parity Irregular Term in Weak Nucleon Currents Extracted from Mirror beta Decays in Mass 8  
(質量数8体系の鏡映 $\beta$ 崩壊を用いた弱核子流中Gパリティ異常項の研究)

Seung-Il Nam

Effective Lagrangian approach for the production of pentaquark baryons  
(有効ラグランジアンを用いたペンタクォークバリオンの生成に関する研究)

菅 健一

The Origin of an Anomalous Quantum Hall Effect and Magnetic Field-Induced Quantum Oscillations in  $\text{Mo}_4\text{O}_{11}$   
( $\text{Mo}_4\text{O}_{11}$ における特異な量子ホール効果と磁場誘起量子振動の起源)

石川 陽

Nonequilibrium Spatiotemporal Carrier Dynamics in One-dimensional Electron-Hole Systems  
(一次元電子-正孔系における非平衡時空間キャリアダイナミクス)

植田 泰輝

Characteristic Electronic States and the Pressure Effect in Magnetic Compounds:  $\text{Ce}_2\text{RhIn}_8$ ,  $\text{CeRhGe}$  and  $\text{CePtAl}$

大西 陽一

Study of Quark Distributions using the Light-cone Wave Function based on the Chiral Quark Soliton Model

吉川 純

Initial Growth Stage and Plasmonic Property of Silicon Nanowires

坂下 健

Search for the decay  $K_L \rightarrow \pi^0 \nu \nu$

塩屋 俊直

Computational Study of Coalescence of White Dwarf Binary System

清水 陽平

Development of Polarized  $^3\text{He}$  Target and Measurement of Spin Correlation Parameter  $C_{yy}$  of  $p+^3\text{He}$  Elastic Backward Scattering

瀬川 麻里子

Measurements of the  $(n,\gamma)$  and  $(n,n')$  reaction cross sections on  $^{186,187,189}\text{Os}$  and  $^{187}\text{Re}-^{187}\text{Os}$  nuclear chronometer

田窪 洋介

A Study of Muon Neutrino Oscillation at Low Energy in Long Baseline Experiment

武智 麻耶

Elucidation of the Behavior of Reaction Cross Sections at Intermediate Energies and Halo Structure of  $^6\text{He}$

中村 秀仁

Development of prototype detector MOON-1 for double beta decay from  $^{100}\text{Mo}$

西口 克

Development of miniature double-focusing mass spectrograph for lunar exploration

藤井 康裕

Initial Formation Process of Ferroelastic Domain Structure Investigated by Optical and Spectroscopic Methods

兵頭 哲雄

Exotics in meson-baryon dynamics with chiral symmetry

前田 高志

The Gauge/Gravity Correspondence and Random Plane Partitions