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대전컨벤션센터

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P2-D084*

Ultrafast Terahertz Transmission Ellipsometry of YMn_2O_5 Electromagnons / KIM Hyosub, YI Minwoo¹, WANG Xueyun², CHEONG Sang-Wook², AHN Jaewook(Department of Physics, KAIST. ¹국방과학연구소. ²Rutgers Center for Emergent Materials and Department of Physics and Astronomy, Rutgers University)

P2-D085*

Coherent Control of Spin Precession with Terahertz Magnetic Field in $YFeO_3$ / KIM Tae-heon, HAMH Sun Young, HAN Jeong Woo, KANG chul¹, JUNG Seonghoon², PARK Jaehun², TOKUNAGA Y³, TOKURA Y⁴, LEE Jong seok(Department of Physics and Photon Science, Gwangju Institute of Science and Technology(GIST). ¹Advanced Photonics Research Institute(APRI). ²PAL, POSTECH, Pohang 790-784. ³CMRG and CERG RIKEN ASI, Japan. ⁴Department of Applied Physics, University of Tokyo)

P2-D086

$Ba_{1-x}Bi_xTi_{1-y}Fe_yO_3$ ($0 < x < 0.1$, $y = 0.07, 0.1$)의 다강체적 특성연구 / 김덕현, 이보화, 이민영, 권윤미(한국외국어대학교 물리학과)

P2-D087

편광의존 연 x-선 방사광 분광법을 이용한 Mn_3O_4 스피넬산화물의 전자 구조 연구 / 이은숙, 김대현, 황지훈, 김창수¹, 이순철², 이한구², 김재영², 강정수(가톨릭대학교 물리학과. ¹KAIST 물리학과. ²포항가속기 연구소)

P2-D088

Rotational states of a single-molecule magnet in the presence of a magnetic field along the medium / KIM Gwang-Hee(Sejong Univ., Dept. of Physics)

P2-D089

High Temperature X-ray Analysis of α -HgI₂ / YEO Sunmog, HA Jang Ho, PARK Changyul, KIM Han Soo, KIM Young Soo(KAERI)

P2-D090

A Study of Magnetic Hysteresis Properties of a Nb Micro-Ring Using Cantilever Magnetometry / CHOI Heon Hwa, KIM Yun-Won¹, KIM Mun Seog¹, LEE Soon-Gul², CHOI Jae-Hyuk(Division of Physical Metrology, Korea Research Institute of Standards and Science, Korea ; Department of Nano Science, University of Science and Technology, Daejeon, Korea. ¹Division of Physical Metrology, Korea Research Institute of Standards and Science, Korea. ²Department of Display and Semiconductor Physics, Korea University, Korea)

P2-D091

Low Temperature Thermometry using Magnetic Field Fluctuation

Thermometers / 이해진, 윤원식, 김건보¹, 이주영², 이민규³, 김용함³ (University of Science & Technology, 한국표준과학연구원. ¹서울대학교, 한국표준과학연구원. ²경북대학교, 한국표준과학연구원. ³한국표준과학연구원)

P2-D092*

Threshold for The Formation of Liquid Crystalline Phase of Graphene Oxide in Water / LEE Kieup, PARK Ji Hyun, JO HyeRan, DERYCKE Vincent¹, FILORAMO Arianna¹, CAMPIDELLI Stephane¹, SCALIA Giusy²(Graduate School of Convergence Science and Technology, Seoul National University (Korea). ¹Molecular Electronics Laboratory, Condensed Matter Physics Department, IRAMIS Institute, CEA Saclay(France). ²Graduate School of Convergence Science and Technology, Seoul National University (Korea), Advanced Institutes of Convergence Technology (AICT))

P2-D093*

Chemical and Topological Properties of Surface Modified Parylene-C Films / BAE Junwan, LEE Injae(Chonbuk National University, Department of Physics)

P2-D094*

유기 p-n 접합 반도체와 기능성 CdSe/ZnS 양자점 하이브리드 나노물질의 광전자 나노특성 연구 / 박철준, 이용백, 전수민, 이광섭¹, 주진수(고려대학교 물리학과. ¹한남대학교 신소재공학과)

P2-D095*

Low-temperature photoresponsive characteristics of few layers MoS₂ transistor / 조은혜, 김찬중, 정진선, 김선국¹, 주진수(고려대학교, 물리학과. ¹경희대학교, 전자전파공학과)

P2-D096*

Optical and Electrical Characteristics of Poly[diketopyrrolopyrrole-thiophene-thienothiophene-thiophene 2-octyldodecyl] (pDPPT2TT-OD) Nanowires / 김찬중, 정진선, 주진수, 김봉수(고려대학교 물리학과. ¹한국과학기술연구원)

P2-D097*

Negative Differential Resistance of Organic Thin Film Transistor Controlled by Wavelength and Power of Incident Light / 정진선, 조은혜, 조소영, 김경환, 최동훈¹, 주진수(고려대학교 물리학과. ¹고려대학교 화학과)

P2-D099*

Measuring the fluorescence decay lifetimes of single molecules / LEE Jaejin, KIM Sung Hyun, KIM Doseok(Department of Physics, Sogang University)