

Buckling of the CuO₂ Plane in Single Crystals of La-Based High-T_C Cuprates Observed by NMR

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Anomalous Change of Hall Coefficient in Overdoped La_{2-x}Sr_xCu_{1-y}Zn_yO₄ around x=0.2

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Increase of the Sound Velocity by Magnetic Fields in La_{2-x}Sr_xCuO₄ around x=0.220

T. Suzuki, T. Ota, J. Tonishi, *T. Goto

AIP Conf. Proc., Vol.850 (2006) 409 - 410

²D, ^{35/37}Cl, ^{63/65}Cu-NMR Study of the Quantum Spin System NH₄CuCl₃

H. Inoue, S. Tani, S. Hosoya, T. Suzuki, *T. Goto, H. Tanaka, T. Sasaki, N. Kobayashi

AIP Conf. Proc., Vol.850 (2006) 1061 - 1062

Local Structure in Single Crystals of La-based High-T_C Cuprates

J. Tonishi, M. Ueda, T. Suzuki, A. Oosawa, *T. Goto, T. Adachi, Y. Koike, M. Fujita, K. Yamada

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Magnetic Field Effect on the Magnetic Torque and the Magnetostriction in (CH₃)₂CHNH₃CuCl₃

T. Suzuki, T. Saito, A. Oosawa, T. Goto, T. Sasaki, S. Awaji, K. Watanabe, *N. Kobayashi

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Cu-NMR Study on Disordered Dimer System (Tl_{1-x}K_x)CuCl₃ with the Bose-glass Ground State

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Cl-NMR Study on Field-Induced Magnetic Order in Quasi-One-Dimensional Antiferromagnet $(\text{CH}_3)_2\text{CHNH}_3\text{CuCl}_3$

T. Sasaki, *N. Kobayasi, S. Awaji, K. Watanabe

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$^{63/65}\text{Cu}$ -NMR Study of the Quantum Spin System NH_4CuCl_3 Showing Magnetization Plateaus

T. Sasaki, *N. Kobayasi, S. Awaji, K. Watanabe

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Dimensional Crossover in the Vortex System of Untwinned $\text{YBa}_2\text{Cu}_3\text{O}_y$ Single Crystals with Highly Oxygen Deficiency

H. Fujita, *T. Nishizaki, K. Kasuga, N. Kobayashi

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Vortex Phase Diagram in Untwinned $\text{YBa}_2\text{Cu}_3\text{O}_y$ with Columnar Disorder

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In- Plane Anisotropy of the Vortex Motion in $\text{YBa}_2\text{Cu}_3\text{O}_y$ Single Crystals

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AIP Conf. Proc. , Vol.850 (2006) 813 - 814

Faraday Rotation of Spinel Oxide under Ultrahigh Magnetic Field

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Optically Injected Electron Gas and Formation of Charged Excitons in TypeII ZnSe/BeTe Quantum Wells

H. Mino, Z. Ji, A. Kano, *K. Oto, K. Muro, R. Akimoto, S. Takeyama

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Optical de Haas Oscillations of Charged Excitons in Type-II ZnSe/BeTe Quantum Wells

Z. Ji, Y. Enya, H. Mino, *K. Oto, K. Muro, R. Akimoto, S. Takeyama

J. Phys: Conf. Ser. , Vol.51 (2006) 427 - 430

Dynamical Orientation of Carbon Nanotubes by Pulsed Magnetic Fields

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Increase of Energy Transfer Efficiency in the Electromagnetic Flux Compression Technique Generating Ultra-high Magnetic Field

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Magnetic-field Effects on the Charge-spin Stripe Order in La-214 High- T_c Cuprates

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J. Phys: Conf. Ser. , Vol.51 (2006) 259 - 262

Application of Miniature Pulsed Magnets to Synchrotron X-ray Spectroscopy and Neutron Diffraction

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EPR Measurements of a Two-dimensional Spin Frustrated System, BIPNNBNO with $S=1$ and $S=1/2$

T. Kanzawa, *Y. Hosokoshi, K. Katoh, S. Nishihara, K. Inoue, H. Nojiri

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Microscopic Evidence for the FFLO State in CeCoIn₅ Probed by NMR

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AIP Conf. Proc. , Vol.850 (2006) 721 - 722

Metal-Insulator Transition in Single Crystal Spinel CuIr₂S₄ Studied by ⁶³Cu-NMR

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AIP Conf. Proc. , Vol.850 (2006) 1450 - 1451

NMR Study of the Field-Induced Quantum Critical Behavior in CeCoIn₅

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Cu-NMR/NQR Studies of Spin Gap in the Edge-Sharing CuO₂ Chains of Ca_{2+x}Y_{2-x}Cu₅O₁₀

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¹H-NMR Studies of Quantum Spin Chain System (CH₃)₂NH₂CuCl₃ at Very Low Temperature

Y Furukawa, Y. Nishisaka, *K. Kumagai, T. Asano, Y. Inagaki

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Isotopes Substitution Effects on the Spin Tunneling in the Molecular Nonomagnet Fe₈ Studied by ⁵⁷Fe-NMR

Y. Furukawa, Y. Hatanaka, *K. Kumagai, S-H, Baek, F. Borsa

AIP Conf. Proc. , Vol.850 (2006) 1147 - 1148

⁵¹V NMR Studies on the Nanoscale Molecular Magnet V15 at Very Low Temperature

Y. Nishisaka, Y. Furukawa, Y. Fujiyoshi, *K. Kumagai, P. Kögerler

AIP Conf. Proc. , Vol.850 (2006) 1145 - 1146

Spin Dynamics of one Dimensional Ferrimagnet $\text{Mn}(\text{hfac})_2\text{NiTiPr}$ Studied by $^1\text{H-NMR}$

Y. Nishisaka, Y. Furukawa, *K. Kumagai, A. Lascialfari, A. Caneschi

AIP Conf. Proc. , Vol.850 (2006) 1047 - 1048

Neutron Diffraction Experiments with 40T Pulsed Magnets

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J. Phys: Conf. Ser. , Vol.51 (2006) 506 - 509

X-ray Magnetic Circular Dichroism at L Edges of Er in Laves Phase Compounds

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Field-Induced Quantum Ordered Phases in an Anisotropic Haldane System

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Quest for the High-field Phase of CdCr_2O_4 Using an X-ray Diffraction Technique

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J. Phys: Conf. Ser. , Vol.51 (2006) 502 - 505

Present Status and Future Plan of Research in High Magnetic fields at KYOKUGEN in Osaka University

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High Field Magnetism of the Quasi One-dimensional Anisotropic Antiferromagnet in $\text{BaCo}_2\text{V}_2\text{O}_8$

S. Kimura, H. Yashiro, *M. Hagiwara, K. Okunishi, K. Kindo, Z. He, T. Taniyama M. Itoh

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High-field Magnetization of TmB_4

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Magnetization and Specific Heat of a UirGe Single Crystal in High Magnetic Fields

S. Yoshii, A.V. Andreev, E. Brück, J. C. P. Klaasse, K. Prokes, F. R. de Boer, *M. Hagiwara, K. Kindo, V. Sechovsk

J. Phys: Conf. Ser. , Vol.51 (2006) 151 - 154

Development of a Multi-frequency ESR System with High Sensitivity

H. Yashiro, T. Kashiwagi, M. Horitani, F. Hobo, *H. Hori, M. Hagiwara

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Multi-frequency ESR in NaCu_2O_2

T. Kashiwagi, S. Kimura, A. Bush, A. Vasiliev, A. Zheludev, *K. Kindo, M. Hagiwara

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High Field Magnetization and Multi-frequency ESR in the Spin-ladder Compound $\text{Na}_2\text{Fe}_2(\text{C}_2\text{O}_4)_3(\text{H}_2\text{O})_2$

H. Yamaguchi, Y. Nakagawa, T. Kashiwagi, S. Kimura, Z. Honda, *K. Kindo, M. Hagiwara

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Magnetism of ErMn_6Ge_6

K. Uhlírová, V. Sechovsk, F. R. de Boer, S. Yoshii, K. Nishikawa, *M. Hagiwara, K. Kindo, G. Venturini

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Magnetization of a $\text{Dy}_2\text{Fe}_{14}\text{Si}_3$ Single Crystal in High Magnetic Fields

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High Field Magnetization of (Benzo-TTFVS)₂FeBr₄ and (Benzo-TTFVO)₂FeBr₄

S. Noguchi, A. Kuribayashi, T. Hiraoka, H. Fujiwara, T. Sugimoto, S. Kimura, *M. Hagiwara, K. Kindo, T. Ishida

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Anomalous Hall- and Magneto-Resistances on Cr-doped Ge in High Magnetic Fields Observed up to Room Temperature

Y. Yamamoto, S. Itaya, K. Suga, T. Takenobu, Y. Iwasa, *M. Hagiwara, K. Kindo, H. Hori

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Characteristic Metamagnetic Transitions in NpRhGa₅ and UPtGa₅

K. Sugiyama, H. Nakashima, T. Yamada, D. Aoki, S. Ikeda, Y. Haga, E. Yamamoto, A. Nakamura, Y. Homma, Y. Shiokawa, *K. Kindo, M. Hagiwara, Y. Onuki

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X-ray Diffraction Studies in Pulsed High Magnetic Fields

*Y. Narumi, K. Kindo, K. Katsumata, M. Kawauchi, Ch. Broennimann, U. Staub, H. Toyokawa, Y. Tanaka, A. Kikkawa, T. Yamamoto, M. Hagiwara, T. Ishikawa, H. Kitamura

J. Phys: Conf. Ser. , Vol.51 (2006) 494 - 497

Imaging of Current Distribution in GaAs/AlGaAs Quantum Hall Devices

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Optical Fiber System for the High Resolution Resonant Raman Spectroscopy at ³He Temperature in a High Magnetic Field

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J. Phys: Conf. Ser. , Vol.51 (2006) 533 - 536

ESR Studies of Quantum Spin Systems Using the Pulsed Magnetic Field

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Fermi Surface Study of Organic Conductors using a Magneto-optical Measurement Under High Magnetic Fields

M. Kimata, *H. Ohta, K. Koyama, M. Motokawa, R. Kondo, S. Kagoshima, H. Tanaka, M. Tokumoto, H. Kobayashi, A. Kobayashi

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Development and Application of High Field and High Pressure ESR System

T. Sakurai, A. Taketani, T. Tomita, S. Okubo, *H. Ohta, H. Tanaka, Y. Uwatoko

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Recent Developments of High Field ESR Systems in Kobe

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High-Frequency ESR Measurements of the Co Spinel Compound SiCo_2O_4

W. Zhang, S. Okubo, *H. Ohta, T. Saito, M. Takano

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Submillimeter and Millimeter wave ESR Study of Manganese Spinel Compound LiMn_2O_4

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Extraordinaire Luminescence from an Interlayer Exciton Complex in ZnSe/BeTe Quantum Structures

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AIP Conf. Proc., Vol.893 (2007) 449 - 450

Imaging of Current Concentration in Sub-linear Width Dependent Quantum Hall Breakdown

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High Resolution Spin-flip Raman Spectroscopy in CdZnTe/CdZnMnTe Quantum Wells at ^3He Temperatures

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AIP Conference Proceedings , Vol.893 (2007) 1181 - 1182

Neutron Scattering Studies of a Frustrated Spinel Antiferromagnet in Zero and High Magnetic Field

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Magnetic Field-effect on Static Spin Correlation in Stripe Ordered Phase of $\text{La}_{2-x}\text{Ba}_x\text{CuO}_4$

M. Fujita, *M. Matsuda, H. Goka, T. Adachi, Y. Koike, K. Yamada

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Substitution Effect on the Two-dimensional Triangular-lattice System CuCrS_2

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Fabrication and Characterization of n-type Modulation-Doped (Cd,Cr)Te Quantum Well

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AIP Conf. Proc., Vol.893 (2007) 1193 - 1194

Correlation Between Ferromagnetism and Cluster Formation in (Zn, Cr)Te Co-Doped with Charge Impurities

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Bright Photoemission from Interacting Excitons at the Interface Localized Sites in CdS/ZnSe type-II Quantum Structures

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AIP Conf. Proc., Vol.893 (2007) 467 - 468

Spin-Charge-Orbital Structures and Frustration in Multiferroic RFe_2O_4

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Thermal Conductivity in the Vortex State of S-Wave and d-Wave Superconductors

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Exotic Incommensurate Order for Weakly Coupled $S=1/2$ XXZ Chain in a Magnetic Field

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NMR Study on the Local Structure in La-based High- T_c Cuprates

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J. Phys: Conf. Ser., Vol.108 (2008) 1 - 6

High Pressure Electrical Resistivity in La Doped CeIn_3

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J. Phys: Conf. Ser., Vol.121 (2008) 1 - 3

A High-field Magnetization Study of a $\text{Nd}_2\text{Fe}_{14}\text{Si}_3$ Single Crystal

*A. V. Andreev, S. Yoshii, M. D. Kuz'min, F. R. de Boer, K. Kindo, M. Hagiwara

J. Phys.: Condens. Matter., Vol.21 (2009) 1 - 8

Field-induced-Moment Nuclear Coupling for ^{59}Co in a Heusler Alloy Co_2TiGa

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J. Phys: Conf. Ser., Vol.150 (2009) 1 - 4

Magnetic Phase Diagram of the $S = 1/2$ Antiferromagnetic Ladder $(\text{CH}_3)_2\text{CHNH}_3\text{CuCl}_3$

*H. Tsujii, Y. H. Kim, Y. Yoshida, Y. Takano, T. P. Murphy, K. Kanada, T. Saito, A. Oosawa, T. Goto

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Heavy Holes as a Precursor to Superconductivity in Antiferromagnetic CeIn_3

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High-Field Study of Multiferroic Properties in Orthorhombic $\text{Eu}_{1-x}\text{Y}_x\text{MnO}_3$

*M. Tokunaga, I. Katakura, Y. Yamasaki, Y. Onose, Y. Tokura

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Anomalous Flux Propagation through Interface Separating Regions of Different Critical Currents in $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_{8+\delta}$ Crystals

*D. Barness, M. Sinvani, A. Shaulov, T. Tamegai, Y. Yeshurun

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Vortex 'Puddles' and Magic Vortex Numbers in Mesoscopic Superconducting Disks

*M. R. Connolly, M. V. Milosevic, S. J. Bending, J. R. Clem, T. Tamegai

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Field Dependence of Critical Current Density in Flat Superconductor

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Low-Temperature Specific-Heat Study of $\text{Sc}_3\text{Ir}_4\text{Si}_{10}$

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Vortex Phase Transitions in $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_{8+x}$ Probed by Nonlinear AC Magnetic Response

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Shrinkage of Magnetic Domains in Superconductor/Ferromagnet Bilayer

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Two-Gap Superconductivity in $\text{R}_2\text{Fe}_3\text{Si}_5$ (R = Lu and Sc)

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Visualization of Vortices in Finite Superconducting Network by Magneto-Optical Imaging

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Hall Effect in the Antiferromagnetic Metallic Phase of the Orbital-Ordered Manganite

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AIP Conf. Proc. , Vol.850 (2006) 1195 - 1196

Control of the Ferroelectricity in a Metastable State for Orthorhombic RMnO_3 Crystals

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J. Phys.: Condens. Matter, Vol.19 (2007) 1 - 6

Numerical Diagonalization Study on A Phonon-Assisted Hole Pairing Mechanism of An Extended T-J-Holstein Model

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Field-Induced Incommensurate Order and Possible Supersolid in the $S=1/2$ Frustrated Diamond Chain

*T. Sakai, K. Okamoto, T. Tonegawa

J. Phys: Conf. Ser., Vol.145 (2008) 1 - 4

Ground-State Phase Diagram of an $(S, S')=(1, 2)$ Spin-Alternating Chain with Competing Single-Ion Anisotropies

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J. Phys: Conf. Ser., Vol.145 (2008) 1 - 4

Spin and Charge Frustration in Magneto-Dielectric Material

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Crossing of Zeeman Levels in Quantum Hall Systems of CdMnTe

*Y. Imanaka, T. Takamasu, G. Kido, G. Karczewski, T. Wojtowic, J. Kossut

J. Phys: Conf. Ser., Vol.51 (2006) 391 - 394

Fabrication of a Micro-Coil Pulsed Magnet System and Its Application for Solid State Physics

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High Field ESR Measurements of $S=1/2$ Kagome Heisenberg Antiferromagnet $\text{ZnCu}_3(\text{OH})_6\text{Cl}_2$

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$S=1/2$ Kagome Lattice Antiferromagnet $\text{Cu}_3\text{V}_2\text{O}_7(\text{OH})_2 \cdot 2\text{H}_2\text{O}$ Studied by High Field ESR

*H. Ohta, W. Zhang, S. Okubo, M. Tomoo, M. Fujisawa, H. Yoshida, Y. Okamoto, Z. Hiroi

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Multi-Frequency ESR Study of S=1/2 Frustration Systems $Zn_xCu_{4-x}(OH)_6Cl_2$

*M. Tomoo, S. Okubo, T. Sakurai, T. Tomita, M. Fujisawa, H. Ohta, H. Kikuchi

J. Phys: Conf. Ser., Vol.145 (2008) 1 - 4

Two-step Quantum Spin Flop Transition in Spin Ladders

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Electronic Inhomogeneity in Pb-substituted $Bi_2Sr_2CuO_{6+\delta}$ Studied by STM/STS Measurements

K. Kudo, T. Nishizaki, N. Okumura, N. Kobayashi

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Thermal-Conductivity Study on The Electronic State in the Overdoped Regime of $La_{2-x}Sr_xCuO_4$: Phase Separation and Anomaly at $x \approx 0.21$

*T. Adachi, S. M. Haidar, T. Kawamata, N. Sugawara, N. Kaneko, M. Uesaka, H. Sato, Y. Tanabe, T. Noji, K. Kudo, N. Kobayashi, Y. Koike

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Single-Crystal Growth of $Pb_2V_3O_9$ and The Bose- Einstein Condensed State of Triplons Studied by Thermal Conductivity, Specific Heat and Magnetization Measurements

T. Kawamata, N. Sugawara, M. Uesaka, N. Kaneko, T. Kajiwara, H. Yamane, K. Koyama, K. Kudo, N. Kobayashi, Y. Koike

J. Phys: Conf. Ser., Vol.150 (2009) 1 - 4

XMCD Spectroscopy on Valence Fluctuating and Heavy Fermion Compounds in Very High Magnetic Fields up to 40 T

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