Theory of Solid State Physics 2000

Kadowaki, K; Kakeya, I; Wakabayashi, T; Takahashi, S

Temperature dependence of Josephson plasma modes in Bi2Sr2CaCu2O8+delta near T-c (vol B13, pg 3405, 1999)

Int. J. Mod. Phys. B 14 (2000) 547 – 554

00-IMR0001

Takahashi, S; Imamura, H; Maekawa, S

Spin injection and magnetoresistance in ferromagnet-superconductor-ferromagnet tunnel junctions

J. Appl. Phys. 87 (2000) 5227 – 5229

00-IMR0002

Takahashi, S; Maekawa, S

Spin dependent tunneling and magnetoresistance in magnetic granular systems with Coulomb blockade

J. Phys. Soc. Jpn. 69 (2000) 102 – 107

00-IMR0003

Koyama, T

Size effect for the Josephson plasma resonance in high-T-c superconductors

J. Phys. Soc. Jpn. 69 (2000) 3689 – 3695

00-IMR0005

Tohyama, T; Shibata, Y; Maekawa, S; Shen, ZX; Nagaosa, N; Miller, LL

Spin liquid state around a doped hole in insulating cuprates

J. Phys. Soc. Jpn. 69 (2000) 9 – 12

00-IMR0004

Akimoto, T; Moritomo, Y; Ohoyama, K; Okamoto, S; Ishihara, S; Maekawa, S; Hirota, K; Nakamura, A

Orbital stability in the spin-ordered phase of bilayer manganites as investigated by neutron-diffraction measurements

Phys. Rev. B 61 (2000) 11270 – 11273

00-IMR0010

Okamoto, S; Ishihara, S; Maekawa, S

Phase transition in perovskite manganites with orbital degree of freedom

Phys. Rev. B 61 (2000) 14647 – 14655

00-IMR0011

Sakamoto, S; Matsumoto, H; Koyama, T; Machida, M

Voltage-biased I-V characteristics in the multiple Josephson junction model of high-T-c superconductors

Phys. Rev. B 61 (2000) 3707 – 3710

00-IMR0008

Okamoto, S; Ishihara, S; Maekawa, S

Orbital degree of freedom and phase separation in ferromagnetic manganites at finite temperatures

Phys. Rev. B 61 (2000) 451 – 458

00-IMR0006

Imamura, H; Chiba, J; Mitani, S; Takanashi, K; Takahashi, S; Maekawa, S; Fujimori, H

Coulomb staircase in STM current through granular films

Phys. Rev. B 61 (2000) 46 – 49

00-IMR0007

Tsutsui, K; Tohyama, T; Maekawa, S

Resonant inelastic x-ray scattering in one-dimensional copper oxides

Phys. Rev. B 61 (2000) 7180 – 7182

00-IMR0009

Moritomo, Y; Hirota, K; Nakao, H; Kiyama, T; Murakami, Y; Okamoto, S; Ishihara, S; Maekawa, S; Kubota, M; Yoshizawa, H

Pressure-induced insulator-metal transition in a bilayer manganite: Pressure control of orbital stability

Phys. Rev. B 62 (2000) 17 – 20

00-IMR0012

Ishihara, S; Maekawa, S

Theory of orbital excitation and resonant inelastic x-ray scattering in manganites

Phys. Rev. B 62 (2000) 2338 – 2345

00-IMR0014

Ishihara, S; Maekawa, S

Orbital ordering and resonant x-ray scattering in layered manganites

Phys. Rev. B 62 (2000) 5690 – 5695

00-IMR0017

Koshibae, W; Tsutsui, K; Maekawa, S

Thermopower in cobalt oxides

Phys. Rev. B 62 (2000) 6869 – 6872

00-IMR0018

Machida, A; Moritomo, Y; Ohoyama, K; Okamoto, S; Ishihara, S; Maekawa, S; Nakamura, A

Reconsideration of the lattice effect on the charge-ordering transition of doped manganites

Phys. Rev. B 62 (2000) 80 – 83

00-IMR0013

Azuma, M; Odaka, T; Takano, M; Vander Griend, DA; Poeppelmeier, KR; Narumi, Y; Kindo, K; Mizuno, Y; Maekawa, S

Antiferromagnetic ordering of S=1/2 triangles in La4Cu3MoO12

Phys. Rev. B 62 (2000) R3588 – R3591

00-IMR0015

Mizuno, Y; Tsutsui, K; Tohyama, T; Maekawa, S

Nonlinear optical response and spin-charge separation in one-dimensional Mott insulators

Phys. Rev. B 62 (2000) R4769 – R4773

00-IMR0016

Ishihara, S; Maekawa, S

Theory of orbital ordering, fluctuation, and resonant x-ray scattering in manganites

Phys. Rev. B 62 (2000) R9252 – R9255

00-IMR0019

Imamura, H; Kobayashi, N; Takahashi, S; Maekawa, S

Conductance quantization and magnetoresistance in magnetic point contacts

Phys. Rev. Lett. 84 (2000) 1003 – 1006

00-IMR0020

Khaliullin, G; Maekawa, S

Orbital liquid in three-dimensional Mott insulator: LaTiO3

Phys. Rev. Lett. 85 (2000) 3950 – 3953

00-IMR0021

Tsutsui, K; Kondo, H; Tohyama, T; Maekawa, S

Resonant inelastic X-ray scattering spectrum in high-T-c cuprates

Physica B 284 (2000) 457 – 458

00-IMR0022

Koyama, T

Dielectric function and the Josephson plasma in high-T-c superconductors

Physica B 284 (2000) 571 – 572

00-IMR0023

Machida, M; Koyama, T; Tachiki, M

Collective Josephson vortex dynamics interacting with transverse Josephson plasma modes in intrinsic Josephson junctions

Physica B 284 (2000) 608 – 609

00-IMR0024

Sakamoto, S; Matsumoto, H; Koyama, T; Machida, M

Frequency characteristics of multiple Josephson junctions

Physica B 284 (2000) 612 – 613

00-IMR0025

Matsumoto, H; Sakamoto, S; Koyama, T; Machida, M

Anomalous voltage-biased I-V characteristics in high T-c superconductors

Physica B 284 (2000) 632 – 633

00-IMR0026

Tsutsui, K; Koshibae, W; Maekawa, S

Electronic structure and excitation spectra in doped nickelates

Physica B 284-288 (2000) 1471 – 1472

00-IMR0027

Machida, M; Koyama, T; Tanaka, A; Tachiki, M

Collective dynamics of Josephson vortices in intrinsic Josephson junctions: exploration of in-phase locked superradiant vortex flow states

Physica C 330 (2000) 85 – 93

00-IMR0028

Machida, M; Koyama, T; Tanaka, A; Tachiki, M

Theory of the superconducting phase and charge dynamics in intrinsic Josephson-junction systems: microscopic foundation for longitudinal Josephson plasma and phenomenological dynamical equations

Physica C 331 (2000) 85 – 96

00-IMR0029

Tachiki, M; Machida, M; Koyama, T

Josephson vortex flow states and Josephson plasma excitation in high-T-c superconductors

Physica C 335 (2000) 214 – 218

00-IMR0030

Koyama, T

Quantum theory for the Josephson plasma in high-T-c superconductors

Physica C 341 (2000) 1169 – 1170

00-IMR0031

Koyama, T

Microscopic theory for the Josephson plasma in high-Tc superconductors: interplay between the Josephson current and the c-axis optical phonons

Physica C 341 (2000) 1381 – 1382

00-IMR0032

Machida, M; Koyama, T; Tachiki, M

Collective Josephson vortex dynamics and Josephson plasma excitation in layered cuprate superconductors

Physica C 341 (2000) 1385 – 1386

00-IMR0033

Tohyama, T; Maekawa, S

Charge stripes in underdoped La2-xSrxCuO4

Physica C 341 (2000) 1771 – 1774

00-IMR0034

Shibata, Y; Tohyama, T; Maekawa, S

Temperature dependence of spin and charge correlations in stripe phase

Physica C 341-348 (2000) 1787 – 1788

00-IMR0035

Takahashi, S; Imamura, H; Maekawa, S

Spin injection in ferromagnet/superconductor/ferromagnet tunnel junctions

Physica C-Superconductivity and Its Application 341 (2000) 1515 – 1518

00-IMR0036

Mizuno, Y; Tohyama, T; Maekawa, S

Systematic study of magnetic interactions in insulating cuprates

Physica C-Superconductivity and Its Application 341 (2000) 473 – 474

00-IMR0037

Maekawa, S; Tohyama, T

Are spin and charge really separated in HTS? – Comparison between theory and experiment

Physica C-Superconductivity and Its Application 341 (2000) 55 – 58

00-IMR0038

Tsutsui, K; Kondo, H; Tohyama, T; Maekawa, S

Resonant inelastic x-ray scattering in copper oxides

Physica C-Superconductivity and Its Application 341-348 (2000) 205 – 206

00-IMR0039

Hasan, MZ; Isaacs, ED; Shen, ZX; Miller, LL; Tsutsui, K; Tohyama, T; Maekawa, S

Electronic structure of Mott insulators studied by inelastic X-ray scattering

Science 288 (2000) 1811 – 1814

00-IMR0040

Tohyama, T; Maekawa, S

Angle-resolved photoemission in high T-c cuprates from theoretical viewpoints

Supercond. Sci. Technol. 13 (2000) R17 – R32

00-IMR0041
