

Theory of Solid State Physics

2001

Yakushiji, K; Mitani, S; Takanashi, K; Takahashi, S; Maekawa, S; Imamura, H; Fujimori, H

Enhanced tunnel magnetoresistance in granular nanobridges

Appl. Phys. Lett. 78 (2001) 515 – 517

01-IMR0001

Takahashi, S; Yamashita, T; Koyama, T; Maekawa, S; Imamura, H

Joule heating generated by spin current through Josephson junctions

J. Appl. Phys. 89 (2001) 7505 – 7507

01-IMR0002

Tohyama, T; Maekawa, S

Nonlinear optical response in Mott insulators

J. Lumines. 94 (2001) 659 – 662

01-IMR0003

Ishihara, S; Maekawa, S

Theoretical study of orbital ordering/fluctuation and resonant X-ray scattering in manganites

J. Magn. Magn. Mater. 226 (2001) 908 – 910

01-IMR0004

Ishihara, S; Maekawa, S

Theory of resonant X-ray scattering as a probe to detect the orbital orderings and excitations in CMR manganites

J. Magn. Magn. Mater. 233 (2001) 21 – 30

01-IMR0005

Shibata, Y; Tohyama, T; Maekawa, S

Effect of charge stripes on electronic and magnetic properties in high-T_c cuprates

J. Phys. Chem. Solids 62 (2001) 269 – 271

01-IMR0007

Mizuno, Y; Tohyama, T; Maekawa, S

Effect of four-spin interaction on magnetic excitation in ladder and 2D insulating cuprates

J. Phys. Chem. Solids 62 (2001) 273 – 276

01-IMR0008

Koyama, T

Poisson's equation in the vortex state of type II superconductors

J. Phys. Soc. Jpn. 70 (2001) 2102 – 2109

01-IMR0009

Koyama, T

Quantum charge dynamics in an array of intrinsic Josephson junctions

J. Phys. Soc. Jpn. 70 (2001) 2114 – 2123

01-IMR0010

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

Effect of the quantum domain wall on conductance quantization and magnetoresistance in magnetic point contacts

Mater. Sci. Eng. B—Solid State 84 (2001) 107 – 113
Mater. Adv. Technol.

01-IMR0011

Maekawa, S; Takahashi, S; Imamura, H

Spin-polarized tunneling and spin injection in superconductor–ferromagnet junctions

Mater. Sci. Eng. B—Solid State 84 (2001) 44 – 48
Mater. Adv. Technol.

01-IMR0012

Saitoh, E; Okamoto, S; Takahashi, KT; Tobe, K; Yamamoto, K; Kimura, T; Ishihara, S; Maekawa, S; Tokura, Y

Observation of orbital waves as elementary excitations in a solid

Nature 410 (2001) 180 – 183

01-IMR0013

Okamoto, S; Ishihara, S; Maekawa, S

Orbital structure and magnetic ordering in layered manganites: Universal correlation and its mechanism

Phys. Rev. B 63 (2001) Art. No. 104401 –

01-IMR0014

Matsuda, M; Yamaguchi, H; Ito, T; Lee, CH; Oka, K; Mizuno, K; Tohyama, T; Maekawa, S; Kakurai, K

Magnetic excitations from the edge-sharing CuO₂ chains in Ca₂Y₂Cu₅O₁₀

Phys. Rev. B 63 (2001) Art. No. 180403 –

01-IMR0015

Kondo, H; Ishihara, S; Maekawa, S

Resonant inelastic x-ray scattering from charge and orbital excitations in manganites

Phys. Rev. B 64 (2001) Art. No. 014414 –

01-IMR0016

Prelovsek, P; Tohyama, T; Maekawa, S

Vanishing Hall constant in the stripe phase of cuprates

Phys. Rev. B 64 (2001) Art. No. 052512 –

01-IMR0017

Shibata, Y; Tohyama, T; Maekawa, S

Temperature dependence of spin correlation and charge dynamics in the stripe phase of high-T_c superconductors

Phys. Rev. B 64 (2001) Art. No. 054519 –

01-IMR0018

Tohyama, T; Maekawa, S

Electronic states in the antiferromagnetic phase of electron-doped high-T_c cuprates

Phys. Rev. B 64 (2001) Art. No. 212505 –

01-IMR0019

Kishida, H; Ono, M; Miura, K; Okamoto, H; Izumi, M; Manako, T; Kawasaki, M; Taguchi, Y; Tokura, Y; Tohyama, T; Tsutsui, K; Maekawa, S

Large third-order optical nonlinearity of Cu–O chains investigated by third-harmonic generation spectroscopy

Phys. Rev. Lett. 87 (2001) Art. No. 177401 –

01-IMR0020

Koshibae, W; Maekawa, S

Effects of spin and orbital degeneracy on the thermopower of strongly correlated systems

Phys. Rev. Lett. 87 (2001) Art. No. 236603 –

01-IMR0021

Tohyama, T; Takahashi, M; Maekawa, S

Effect of nonmagnetic impurities on stripes in high- T_c cuprates

Physica C 357 (2001) 93 – 95

01-IMR0022

Maekawa, S; Tohyama, T

Charge and spin in low-dimensional cuprates

Rep. Prog. Phys. 64 (2001) 383 – 428

01-IMR0023
