

Schuberth, EA; Schottl, S; Flachbart, K; Sasaki, T

DC magnetic penetration depth of UPt₃ and Sr₂RuO₄: implications for the superconducting order parameters

J. Magn. Magn. Mater.

226 (2001) 372 – 373

01-IMR0105

Ogasawara, H; Matsukawa, M; Yoshizawa, M; Apostu, M; Suryanarayanan, R; Dhalenne, G; Revcolevschi, A; Itoh, K; Kobayashi, N

Giant magnetostriction in Pr-substituted double-layered perovskite manganite La_{1.2}Sr_{1.8}Mn₂O₇ single crystals

J. Magn. Magn. Mater.

226 (2001) 990 – 992

01-IMR0106

Kudo, K; Noji, T; Koike, Y; Nishizaki, T; Kobayashi, N

Thermal conductivity of the two-dimensional spin-gap system SrCu₂(BO₃)₂ in magnetic fields

J. Phys. Soc. Jpn.

70 (2001) 1448 – 1451

01-IMR0107

Kobayashi, S; Sera, M; Hiroi, M; Nishizaki, T; Kobayashi, N; Kunii, S

Anisotropic magnetic phase diagram of PrB₆ dominated by the O-xy antiferro-quadrupolar interaction

J. Phys. Soc. Jpn.

70 (2001) 1721 – 1730

01-IMR0108

Maki, M; Nishizaki, T; Shibata, K; Kobayashi, N

Identification of atomic layers of YBa₂Cu₃O₇-delta by scanning tunneling microscopy and spectroscopy

J. Phys. Soc. Jpn.

70 (2001) 1877 – 1880

01-IMR0109

Nagata, T; Fujino, H; Satoh, K; Yamamori, N; Akimitsu, J; Katano, S; Nishi, M; Kakurai, K; Hiroi, M; Sera, M; Kobayashi, N; Tenya, K; Amitsuka, H; Takigawa, T; Inago, H; Sakakibara, T

Antiferromagnetic ordering in the spin ladder compound; Sr_{14-x}CaxCu₂₄O₄₁

J. Phys. Soc. Jpn.

70 (2001) 2419 – 2424

01-IMR0110

McDonald, RD; Klehe, AK; Jephcoat, AP; Olijnyk, H; Sasaki, T; Hayes, W; Singleton, J

A Raman study of the organic superconductor kappa-(BEDT-TTF)(2)Cu(SCN)(2) at high pressure

J. Phys.-Condes. Matter

13 (2001) L291 – L298

01-IMR0111

Shishido, T; Kudou, K; Okada, S; Ye, JH; Yoshikawa, A; Sasaki, T; Oku, M; Horiuchi, H; Higashi, I; Kohiki, S; Kawazoe, Y; Nakajima, K

R-dependency of the hardness of perovskite-type RRh₃B compounds (R = La, Gd, Lu and Sc)

Jpn. J. Appl. Phys. Part 1 – Regul. 40 (2001) 6037 – 6038
Pap. Short Notes Rev. Pap.

01-IMR0039

Naito, T; Haraguchi, S; Iwasaki, H; Sasaki, T; Nishizaki, T; Shibata, K; Kobayashi, N

Fourfold symmetric anisotropy in the CuO₂ planes of 60-K YBa₂Cu₃O₇-delta single crystals

Phys. Rev. B

63 (2001) Art. No. 172506 –

01-IMR0112

- Tsuchiya, Y; Iwaya, K; Kinoshita, K; Hanaguri, T; Kitano, H; Maeda, A; Shibata, K; Nishizaki, T; Kobayashi, N
Electronic state of vortices in $YBa_2Cu_3O_y$ investigated by complex surface impedance measurements
Phys. Rev. B 63 (2001) Art. No.184517 –
01-IMR0113
-
- Apostu, M; Suryanarayanan, R; Revcolevschi, A; Ogasawara, H; Matsukawa, M; Yoshizawa, M; Kobayashi, N
First-order field-induced transition, magnetoresistance, and giant magnetostriction in single crystals of $(La_{0.4}Pr_{0.6})(1.2)Sr_1.8Mn2O7$
Phys. Rev. B 64 (2001) Art. No. 012407 –
01-IMR0114
-
- Matsunaga, N; Yamashita, K; Kotani, H; Nomura, K; Sasaki, T; Hanajiri, T; Yamada, J; Nakatsuji, S; Anzai, H
Spin-density-wave transition of $(TMTSF)(2)PF_6$ at high magnetic fields
Phys. Rev. B 64 (2001) Art. No. 052405 –
01-IMR0115
-
- Izawa, K; Takahashi, H; Yamaguchi, H; Matsuda, Y; Suzuki, M; Sasaki, T; Fukase, T; Yoshida, Y; Settai, R; Onuki, Y
Superconducting gap structure of spin-triplet superconductor Sr_2RuO_4 studied by thermal conductivity
Phys. Rev. Lett. 86 (2001) 2653 – 2656
01-IMR0116
-
- Nomura, K; Matsunaga, N; Ishikawa, A; Kotani, H; Yamashita, K; Sasaki, T; Hanajiri, T; Yamada, J; Nakatsuji, S; Anzai, H; Nakamura, T; Takahashi, T; Saito, G
Spin density wave in quasi-one-dimensional organic conductors
Phys. Status Solidi B-Basic Res. 223 (2001) 449 – 458
01-IMR0117
-
- Matsunaga, N; Yamashita, K; Kotani, H; Nomura, K; Sasaki, T; Hanajiri, T; Yamada, J; Nakatsuji, S; Anzai, H
Magnetic field dependence of the SDW phase in $(TMTSF)(2)PF_6$ under pressure: Rapid oscillations in the magnetoresistance
Phys. Status Solidi B-Basic Res. 223 (2001) 545 – 548
01-IMR0118
-
- Hori, H; Teranishi, T; Sasaki, T; Miyake, M; Yamamoto, Y; Yamada, S; Nojiri, H; Motokawa, M
Pulsed high magnetic field ESR measurement on Ni/Pd nano-particles
Physica B 294 (2001) 292 – 297
01-IMR0070
-
- Shibata, K; Nishizaki, T; Sasaki, T; Kobayashi, N
Vortex matter phase diagram of untwinned $YBa_2Cu_3O_y$ single crystals with different oxygen content
Physica B 294 (2001) 354 – 357
01-IMR0119
-
- Maki, M; Nishizaki, T; Shibata, K; Sasaki, T; Kobayashi, N
Low-temperature STM/STS of high- T_c superconductors
Physica C 357 (2001) 291 – 293
01-IMR0120
-
- Nojima, T; Liu, JZ; Nishizaki, T; Okayasu, S; Kobayashi, N
Vortex phase transition and correlation in partially Au-ion irradiated $YBa_2Cu_3O_7$ films
Physica C 357 (2001) 469 – 472
01-IMR0121
-

Kanno, S; Kawai, T; Satou, S; Aizawa, K; Kusunoki, M; Mukaida, M; Ohsima, S; Hayashi, S; Nishizaki, T; Kobayashi, N

Observation of vortices in the high-temperature superconductor

Physica C 357 (2001) 625 – 628

01-IMR0122

Kobayashi, N; Nishizaki, T; Shibata, K; Sato, T; Maki, M; Sasaki, T

Melting transition of vortex matter in $YBa_2Cu_3O_y$ with various oxygen contents

Physica C 362 (2001) 121 – 126

01-IMR0123

Maeda, A; Tsuchiya, Y; Iwaya, K; Kinoshita, K; Kitano, H; Hanaguri, T; Nishizaki, T; Shibata, K; Kobayashi, N; Takeya, J; Nakamura, K; Ando, Y

Dynamics vs electronic states of vortex core of high- T_c superconductors investigated by high-frequency impedance measurement

Physica C 362 (2001) 127 – 133

01-IMR0124

Tsuchiya, Y; Iwaya, K; Kinoshita, K; Hanaguri, T; Kitano, H; Maeda, A; Nishizaki, T; Shibata, K; Kobayashi, N

Estimation of vortex viscosity from the complex surface impedance measurement in the mixed state of $YBa_2Cu_3O_y$

Physica C 362 (2001) 273 – 276

01-IMR0125

Naito, T; Haraguchi, S; Suzuki, T; Iwasaki, H; Sasaki, T; Nishizaki, T; Shibata, K; Kobayashi, N

In-plane anisotropy of the resistivity in 60 K YBCO single crystal under magnetic field

Physica C 362 (2001) 310 – 313

01-IMR0126

Liu, JZ; Nojima, T; Nishizaki, T; Kobayashi, N

Spin injection in perovskite $YBa_2Cu_3O_7/La0.7Ca0.3MnO_3$ double layers and $YBa_2Cu_3O_7/SrTiO_3/La0.7Ca0.3MnO_3$ trilayers in magnetic fields

Physica C—Superconductivity and Its Application 357 (2001) 1614 – 1617

01-IMR0127

Jirsa, M; Muralidhar, M; Murakami, M; Noto, K; Nishizaki, T; Kobayashi, N

$J(c)$ - B performance study of an OCMG (Nd-Eu-Gd)-123 material doped by sub-micrometre Gd-211 particles

Supercond. Sci. Technol. 14 (2001) 50 – 57

01-IMR0128

Pratt, FL; Lee, SL; Aegeerter, CM; Ager, C; Lloyd, SH; Blundell, SJ; Ogrin, FY; Forgan, EM; Keller, H; Hayes, W; Sasaki, T; Toyota, N; Endo, S

μ SR studies of the flux vortex phases in a BEDT-TTF superconductor

Synth. Met. 120 (2001) 1015 – 1016

01-IMR0129

Fujita, T; Sasaki, T; Yoneyama, N; Kobayashi, N; Fukase, T

Current-voltage characteristics in the density wave state of alpha-(BEDT-TTF) $2KHg(SCN)_4$

Synth. Met. 120 (2001) 1077 – 1078

01-IMR0130

Konoike, T; Oda, A; Iwashita, K; Yamamoto, T; Tajima, H; Yoshino, H; Ueda, K; Sugimoto, T; Hiraki, K; Takahashi, T; Sasaki, T; Nishio, Y; Kajita, K; Papavassiliou, GC; Mousdis, GA; Murata, K

Low temperature electric nature of tau-phase conductors

Synth. Met. 120 (2001) 801 – 802

01-IMR0131

Yoneyama, N; Sasaki, T; Kobayashi, N; Inada, N; Yamada, S

Local magnetization measurements of the organic superconductor kappa-(BEDT-TTF)(2)Cu(NCS)(2)

Synth. Met. 120 (2001) 815 – 816

01-IMR0132

Oshima, K; Sasaki, T; Motokawa, M; Kato, R

Quantized Hall Effect-like behavior in (DMET-TSeF)(2)AuI2

Synth. Met. 120 (2001) 943 – 944

01-IMR0085

Matsunaga, N; Kotani, H; Yamashita, K; Nomura, K; Sasaki, T; Hanajiri, T; Yamada, J; Nakatsuji, S; Anzai, H

SDW phase of (TMTSF)(2)PF6 at high magnetic fields

Synth. Met. 120 (2001) 957 – 958

01-IMR0133
