

CONTENTS - *Continued*

PHYSICAL REVIEW B

THIRD SERIES, VOLUME 61, NUMBER 22

1 JUNE 2000-II

Rotational tuning of H_{c2} anomalies in $\text{ErNi}_2\text{B}_2\text{C}$: Angular-dependent superzone gap formation and its effect on the superconducting ground state	R14 932
Sergey L. Bud'ko and Paul C. Canfield	
Nodeless d -wave superconductivity in a quasi-one-dimensional organic superconductor under anion order	R14 936
Hiroshi Shimahara	
Atomic disorder in the heavy fermion superconductor $\text{CeCu}_{2+x}\text{Si}_2$	R14 940
Despina Louca, J. D. Thompson, J. M. Lawrence, R. Movshovich, C. Petrovic, J. L. Sarrao, and G. H. Kwei	
Electron spin-lattice relaxation rate in $\text{Y}(\text{Gd})\text{Ba}_2\text{Cu}_4\text{O}_8$: Evidence for d -wave pairing in high- T_c materials	R14 944
V. A. Atsarkin, V. V. Demidov, G. A. Vasneva, T. Fehér, A. Jánossy, and B. Dabrowski	
Intrinsic Josephson effects in $\text{YBa}_2\text{Cu}_3\text{O}_{7-\delta}$ single crystals with various oxygen deficiencies	R14 948
H. B. Wang, J. Chen, K. Nakajima, T. Yamashita, P. H. Wu, T. Nishizaki, K. Shibata, and N. Kobayashi	
Observation of individual Josephson vortices in $\text{YBa}_2\text{Cu}_3\text{O}_{7-\delta}$ bicrystal grain-boundary junctions	R14 952
H. Xin, D. E. Oates, S. Sridhar, G. Dresselhaus, and M. S. Dresselhaus	
Carrier concentrations in $\text{Bi}_2\text{Sr}_{2-z}\text{La}_z\text{CuO}_{6+\delta}$ single crystals and their relation to the Hall coefficient and thermopower	R14 956
Yoichi Ando, Y. Hanaki, S. Ono, T. Murayama, Kouji Segawa, N. Miyamoto, and Seiki Komiya	
Evidence for a bulk Meissner state in the ferromagnetic superconductor $\text{RuSr}_2\text{GdCu}_2\text{O}_8$ from dc magnetization ...	R14 960
C. Bernhard, J. L. Tallon, E. Brücher, and R. K. Kremer	
Antiferromagnetic ordering of Ru and Gd in superconducting $\text{RuSr}_2\text{GdCu}_2\text{O}_8$	R14 964
J. W. Lynn, B. Keimer, C. Ulrich, C. Bernhard, and J. L. Tallon	

ARTICLES

Structure, structural phase transitions, mechanical properties, defects, etc.

Origin of mist and hackle patterns in brittle fracture	14 968
A. Rabinovitch, G. Belizovsky, and D. Bahat	
Experimental determination of pair interaction energies in a CoPt_3 single crystal and phase-diagram calculations ..	14 975
E. Kentzinger, V. Parasote, V. Pierron-Bohnes, J. F. Lami, M. C. Cadeville, J. M. Sanchez, R. Caudron, and B. Beuneu	
Crystal structure of NiO under high pressure	14 984
T. Eto, S. Endo, M. Imai, Y. Katayama, and T. Kikegawa	
Graphically oriented method for obtaining atomic displacement fields in crystals from irreducible representations of space groups	14 989
Jürgen K. Gutmann and Horst Böhm	
Charge transfer and charge conversion of K and N defect centers in Si_3N_4	15 005
Gianfranco Pacchioni and Davide Erbetta	
Melting as a dislocation-mediated phase transition	15 011
Leonid Burakovsky, Dean L. Preston, and Richard R. Silbar	
First-principles study of native point defects in ZnO	15 019
A. F. Kohan, G. Ceder, D. Morgan, and Chris G. Van de Walle	
Fracture strength of one-dimensional systems with continuous disorder: A single-crack approximation	15 028
B. Q. Wu and P. L. Leath	
Order-disorder behavior in betaine arsenate studied by Raman scattering	15 035
Yu. I. Yuzyuk, J. Agostinho Moreira, A. Almeida, M. R. Chaves, Filipa Pinto, and A. Klöpperpieper	
Ferroelectric phase transitions in films with depletion charge	15 042
A. M. Bratkovsky and A. P. Levanyuk	

(Continued)