

2008 —TERAI Tomoyuki

Scientific Papers/Commentary

1. H. Kushida, K. Fukuda, T. Terai, T. Fukuda, T. Kakeshita, T. Ohba, T. Osakabe, K. Kakurai and K. Kato, Crystal structure of martensite and intermediate phases in Ni₂MnGa studied by neutron diffraction, *The European Physical Journal Special Topics*, 158, 87-92, 2008
2. T. Murata, T. Terai, T. Fukuda and T. Kakeshita, Structural phase transition in Pr_{0.55}Ca_{0.45}MnO₃ and Nd_{0.5}Sr_{0.5}MnO₃ associated with charge ordering transition, *Materials Science and Engineering A*, 481-482, 555-558, 2008
3. M. Yasui, T. Terai, T. Kakeshita, M. Matsuda, N. Metoki and H. Nojiri, Neutron diffraction study of magnetic structure in DyCu under magnetic field, *Journal of Applied Physics*, 103, 07B710 1-3, 2008
4. S. Yamamoto, M. Yonemura, T. Wakita, K. Fukumoto, T. Nakamura, T. Kinoshita, Y. Watanabe, F. Z. Guo, M. Sato, T. Terai and T. Kakeshita, Magnetic-Domain Structure Analysis of Nd-Fe-B Sintered Magnets Using XMCD-PEEM Technique, *Materials Transactions*, 47, 2354-2359, 2008
5. H. Kushida, K. Hata, T. Fukuda, T. Terai and T. Kakeshita, Equilibrium phase diagram of Ni₂MnGa under [0 0 1] compressive stress, *Scripta Materialia*, 60, 96-99, 2009
6. H. Kushida, T. Terai, T. Fukuda, T. Kakeshita, T. Osakabe and K. Kakurai, Neutron diffraction study on stress-induced X-phase in Ni₂MnGa, *Scripta Materialia*, 60, 248-250, 2009

International Conference Proceedings

1. Kushida, K. Hata, T. Fukuda, T. Terai and T. Kakeshita, Stress-Temperature Phase Diagram of Single Crystal of Ferromagnetic Shape Memory Alloy Ni₂MnGa, *SMST-2007*, 577-582, 2008