

한국자기학회 2006년도 정기총회

동계학술연구발표회 및 자성 및 스팬트로닉스 국제학술대회

International Conference of Magnetism and Spintronics &
KMS 2006 Winter Conference

논문개요집



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- 장소 : 라마다프라자 제주호텔
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Digests of the International Conference of Magnetism and
Spintronics & KMS 2006 Winter Conference

Electron Spin Science Center, POSTECH / Spintronics Research Team, KIST
The Korean Magnetics Society

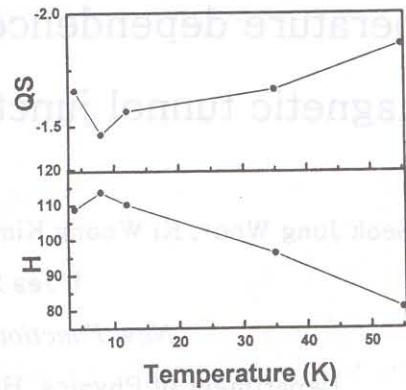
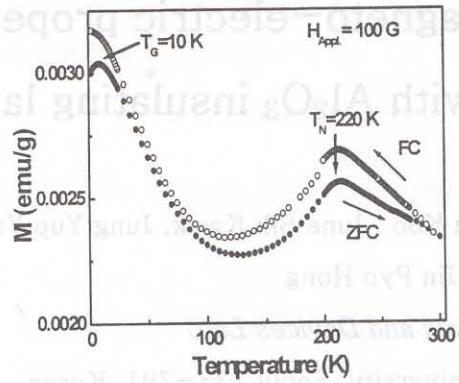


Fig.1. Temperature dependence of magnetic moment, zero-field cooled and field cooled curves under 100 Oe, for FeCr_2Se_4 .

Fig.2. Temperature dependence of hyperfine field and quadrupole splitting

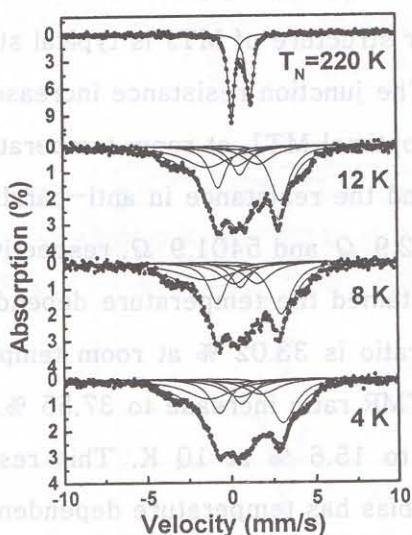


Fig. 3. Mössbauer spectra of FeCr_2Se_4 at various temperatures.

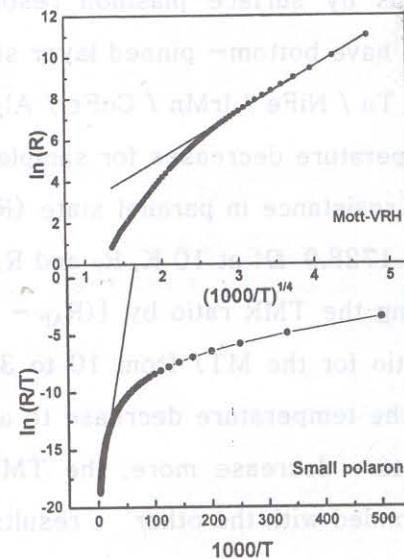


Fig. 4. Temperature dependence of zero field resistance log (R) for the FeCr_2Se_4

4. 참고문헌

- [1] H. Bakrim, K. Bouslykhane, M. Hamedoun, A. Hourmatallah, and N. Benzakour, J. Magn. Magn. Mater. 285, 327 (2005).
- [2] J. Hemberger, P. Lunkenheimer, R. Fichtl, H. -A. Krug von Nidda, V. Tsurkan, and A. Loidl, Nature, 434, 364 (2005).
- [3] S. Weber, P. Lunkenheimer, R. Fichtl, J. Hemmerger, V. Tsurkan and A. Loidl, Phys. Rev. Lett. 96, 157202 (2006).