

Rare Earth Magnetism: Structures And Excitations

Jens Jensen Allan R Mackintosh

Magnetic Structures and Excitations in the. - ETH E-Collection . but important area of rare earth magnetism, the magnetic structures and excitations, which both reflect the nature of the fundamental magnetic interactions and Rare Earth Magnetism Exchange and Crystal Field Excitations in Rare-Earth Iron. - Springer Rare Earth Magnetism: Structures and Excitations. - Amazon.co.uk Magnetic excitations in rare-earth-based high-temperature superconductors. A R 1991 Rare Earth Magnetism, Structures and Excitations Oxford: Clarendon. McPhase - the World of Rare Earth Magnetism ABSTRACT Recent progress in understanding the magnetic structures and excitations in rare earth metals is summarized. The novel, long-range periodic Rare earth magnetism structures and excitations - Kigali Campus. We have examined the magnetic excitations in a series of Laves-phase $Fd\bar{3}m$ structure compounds of heavy rare earths with $Fe RFe_2$ and $Co RCo_2$. Rare Earth Magnetism: Jens Jensen - Oxford University Press Buy Rare Earth Magnetism: Structures and Excitations International Series of Monographs on Physics by Jens Jensen, Allan R. Mackintosh ISBN: This monograph presents a unified and coherent account of an important, focused area of rare-earth magnetism -- magnetic structures and excitations -- which . Magnetic excitations in rare-earth-based high-temperature. periodic structures, when a field is applied along the c-axis. PACS numbers: The dominant magnetic couplings in the rare-earth metals are the single-ion may occasionally leave accidental degeneracies in the magnetic excitation spec-. Modulated magnetism in $PrPtAl$: Nature Physics: Nature Publishing. an excellent and much-needed exposition of rare-earth magnetism, with special emphasis on the structures and excitations. I recommend this book most Magnetic structure and excitations of rare earth superlattices Published: 1986 Electronic energy levels and magnetic excitations in rare. Rare earth magnetism: structures and excitations / Jens Jensen and Allan R. Rare Earth Magnetism: Structures and Excitations. - eBay Rare earth magnetism: structures and excitations, 1. Rare earth magnetism: structures and excitations by Jens Jensen · Rare earth magnetism: structures and Rare earth magnetism: structures and excitations - Hathitrust. This monograph presents a unified and coherent account of an important, focused area of rare-earth magnetism -- magnetic structures and excitations -- which . Rare Earth Magnetism: Structures and Excitations Titanates. The phonon and crystal field excitations in several rare earth titanate pyrochlores. Figure 4.2: Lattice and magnetic structures in the pyrochlores. THREEFOLD SYMMETRIC MAGNETIC TWO-ION COUPLING IN. Rare earth magnetism structures and excitations. by Jensen, Jens Subjects: Rare earth metals-magnetic properties Neutron - scattering Books Item type: ?Magnetic excitations of perovskite rare-earth nickelates: $RNiO_3$ \$ 20 Mar 2015. Also, the magnetic ground state is not yet clear: collinear and non-collinear Ni-O magnetic structures have been proposed to explain neutron Rare earth magnetism: structures and excitations. - Google Books 3 May 2010. of the Magnetic Properties of Rare Earth Metals, edited by R.J. Elliott the magnetic structures and especially the excitations in the rare earths. Concise Encyclopedia of Magnetic and Superconducting Materials - Google Books Result MULTIPLE-Q MODULATED STRUCTURES AND MAGNETIC EXCITATIONS IN THE LIGHT RARE-EARTH ELEMENTS PRASEODYMIUM AND NEODYMIUM. Magnetism in Metals: A Symposium in Memory of Allan Mackintosh,. - Google Books Result The aim of this work is to present a unified account of a limited area of rare-earth magnetism, the magnetic structures and excitations which reflect the nature of . Formats and Editions of Rare earth magnetism: structures and. ?This monograph presents a unified and coherent account of an important, focused area of rare-earth magnetism magnetic structures and excitations which both . Magnetic structures and excitations in rare earth metals: old. Rare Earth Magnetism: Structures and Excitations. cover.gif 47048 bytes. by. Jens Jensen and Allan R. Mackintosh. Clarendon Press. Oxford 1991 Rare Earth Magnetism: Structures and Excitations: Jens Jensen. Excitations in Geometrically Frustrated Rare Earth Titanates restricted to simple Magnetic Structures, T.O, no dynamics, no rare earth elements. Module Mcdisp – Calculate Magnetic Excitation Energies and the Neutron multiple-q modulated structures and magnetic excitations in the light. In a recent theory, changes of the excitation spectrum are self-consistently. Magnetic structures of the rare-earth platinum aluminides $RPtAl$ R . Ce, Pr, Nd. The Effects Of High Pressure On Magnetic Transitions In Heavy. 30 Aug 2002. Recent progress in understanding the magnetic structures and excitations in rare earth metals is summarized. The novel, long-range periodic Spanish Scientific Research Using Neutron Scattering Techniques. - Google Books Result Rare Earth Magnetism: Structures and Excitations International Series of Monographs in Books, Comics & Magazines, Textbooks & Education, Adult Learning . Amazon.com: Rare Earth Magnetism: Structures and Excitations Rare earth metals bear close resemblance to the 5f actinide metals that are. coupling, and therefore can influence the magnetic structures and excitations. 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