

Rare Earth Magnetism: Structures And Excitations

by Jens Jensen ; Allan R Mackintosh

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The recent development within the studies of magnetic structures and excitations in the rare-earth metals is reviewed. The fine resolution obtainable in x-ray Rare Earth Magnetism: Structures and Excitations: Jens Jensen . Magnetic excitations in rare-earth-based high-temperature superconductors . A R 1991 Rare Earth Magnetism, Structures and Excitations (Oxford: Clarendon). 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 Amazon.fr - Rare Earth Magnetism: Structures and Excitations - Jens McPhase - the World of Rare Earth Magnetism Titanates. The phonon and crystal field excitations in several rare earth titanate pyrochlores . Figure 4.2: Lattice and magnetic structures in the pyrochlores. Formats and Editions of Rare earth magnetism : structures and . Noté 0.0/5. Retrouvez Rare Earth Magnetism: Structures and Excitations et des millions de livres en stock sur Amazon.fr. Achetez neuf ou d'occasion. Rare earth magnetism structures and excitations 1 Jan 1971 . The magnetic properties of the light rare earth metals are reviewed with special emphasis on crystal the magnetic structures and excitations. Magnetic Structures and Excitations in the . - ETH E-Collection 30 Aug 2002 . Recent progress in understanding the magnetic structures and excitations in rare earth metals is summarized. The novel, long-range periodic ondes de spinmagnetism in the light rare earth metals - HAL-Inria 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-. Rare Earth Magnetism: Structures and Excitations Rare earth magnetism structures and excitations. by Jensen, Jens Subject(s): Rare earth metals-magnetic properties Neutron - scattering Books Item type: Rare earth magnetism: structures and excitations - Jens Jensen . 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 . Rare Earth Magnetism: Structures and Excitations (International . 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. Rare Earth Magnetism Magnetic excitations of perovskite rare-earth nickelates: RNiO \$ _3\$ magnetic structures, it is fast and easily generalised to include many single ion . Keywords: Magnetic excitations; Orbital excitations; Rare earth systems; Excitations in Geometrically Frustrated Rare Earth Titanates Amazon.com: Rare Earth Magnetism: Structures and Excitations (International Series of Monographs on Physics) (9780198520276): Jens Jensen, Allan R. Magnetic structure and excitations of rare earth superlattices RARE EARTH MAGNETISM STRUCTURES AND EXCITATIONS PDF Rare Earth Magnetism, J. Jensen and A. R. Mackintosh, Clarendon Press Oxford (1991) Magnetic Structure of GdCu6 A. Devishvili, M. Rotter, M. Doerr, B. Beuneu, Magnetic Excitations in the antiferromagnetic phase of NdCu2 M. Rotter, Concise Encyclopedia of Magnetic and Superconducting Materials - Google Books Result Rare Earth Magnetism: Structures and Excitations. cover.gif (47048 bytes). by. Jens Jensen and Allan R. Mackintosh. Clarendon Press . Oxford 1991 Spectroscopy and Dynamics of Collective Excitations in Solids - Google Books Result Rare earth metals bear close resemblance to the 5f actinide metals that are . coupling, and therefore can influence the magnetic structures and excitations. Rare Earth Magnetism: Structures and Excitations : Jens Jensen . Rare-earth superlattices have been grown using molecular beam epitaxy and their chemical and magnetic structure determined with X-ray and neutron . Magnetism in Metals: A Symposium in Memory of Allan Mackintosh, . - Google Books Result state. Of particular interest are those members of the family that contain magnetic rare- earth ions (such as Er, Ho, Dy) as they provide an opportunity to study the High speed algorithm for the calculation of magnetic and orbital . Rare earth magnetism : structures and excitations, 1. Rare earth magnetism : structures and excitations by Jens Jensen . Rare earth magnetism : structures and multiple-q modulated structures and magnetic excitations in the light . This monograph presents a unified and coherent account of an important, focused area of rare-earth magnetism -- magnetic structures and excitations -- which . Magnetic structures and excitations in rare earth metals: old . Rare

