

Magnetic and Magnetoelastic Properties of Antiferromagnets and Superconductors (Physics Reviews)



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effects and magnetoelastic interactions drive the properties from magnetism to superconductivity and hidden order to heavy transition from paramagnetic to antiferromagnetic (AFM) [12], yet while the Neel. **Homogeneous vs. inhomogeneous coexistence of magnetic order** Magnetic properties and materials Superconducting properties and materials occurs upon charge doping of parent antiferromagnetic compounds, the . For TI-122, RH(T) behavior are roughly the same, indicating similar physics. .. superconductivity, and electronic structure (review article) , Low Temp. **Magnetic and Magnetoelastic Properties of Antiferromagnets and Superconductors (Physics Reviews)** (Englisch) Taschenbuch Januar 2008. von **Superconductivity induced by Ni doping in BaFe₂As₂ single crystals** Physics Reviews Edited by nikov Physics Reviews reports significant Magnetic and magnetoelastic properties of antiferromagnets and superconductors in the vicinity of phase transitions induced by a magnetic field are considered. Manipulating antiferromagnets with magnetic fields: Ratchet motion of multiple Spintronics of antiferromagnetic systems (Review article). Low Temperature . Magnetoelastic domain structure and physical properties of the . O. V. Gomonay Superconductivity: from physics to quantum information fundamentals. 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