

Individual site magnetic anisotropy of the iron and cobalt ions in rare earth-iron and rare earth-cobalt intermetallic compounds

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Abstract: The magnetic anisotropy of iron and cobalt in their compounds with rare earth elements is analysed on the base of a model in which contributions to the anisotropy from different sites are considered. From this analysis it emerges that for any specific site, the iron and cobalt contributions have different signs and differ in magnitude by almost one order of magnitude. ?? 1988.

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