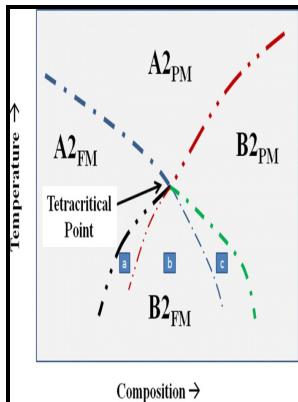


Structural and magnetic properties of some defect-type B2 phases.

University of Birmingham - Thermodynamics of intermetallic phases with the triple



Description: -

-structural and magnetic properties of some defect-type B2 phases.

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[PDF] Structural and Magnetic Properties of Fe 3 – x Ti x Sn Disordered Alloys

The magnetization of FeMnCoCrAl equiatomic bulk HEA crystallizing according to XRD in the BCC structure , is compared to the near equiatomic FeMnCoCrAl thin film in Fig.

Thermodynamics of intermetallic phases with the triple

Materials Research Letters 5, 128 2017.

Magnetism and point defect in B2

The measured trend of the Al concentration induced reduction in magnetization is consistent with DFT predictions.

Magnetism and point defect in B2

Microstructural investigation of cast Nd-Fe-B materials Yin XJ, Jones IP, Harris IR. Figure c shows that the thickness d B2-FeRh grows quickly to 135 nm as the annealing temperature increases to 350 °C Supplementary Fig.

Effect of boron on structural and magnetic properties of the Fe60Al40 system prepared by mechanical alloying

Scientific Reports 6, 36556 2016. The Co and Cr contents were constant at ~24, 21, 20, 16 and 13 at. Similar AlCo rich chemical separations with an ordered BCC structure have been reported in a recent transmission electron microscope TEM investigation on FeCoCrMnAl single crystals , supporting the notion that the B2 phase corresponds to the Al rich region in high Al containing thin films Fig.

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