

Study of the magnetic phase separation in the Eu_{0.65}Sr_{0.35}Mn_{1-x}FexO₃ ceramics by EPR and Mössbauer spectroscopy

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Abstract

The structural and magnetic properties of the Eu_{0.65}Sr_{0.35}Mn_{1-x}FexO₃ ($x = 0.2-0.4$) ceramics have been investigated using EPR, Mössbauer spectroscopy, and differential thermomagnetic analysis. A magnetic phase separation has been revealed in the structurally single-phase samples. © 2010 Pleiades Publishing, Ltd.

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