
No. 1C-b72 $\text{BiFeO}_3\text{--Sr}(\text{Sn}_{1/3}\text{Mn}_{2/3})\text{O}_3$

1b Phase diagram: Fig. 1C-b72-001.

3a Lattice parameters: Fig. 1C-b72-002.

13c Mössbauer effect: Fig. 1C-b72-003.

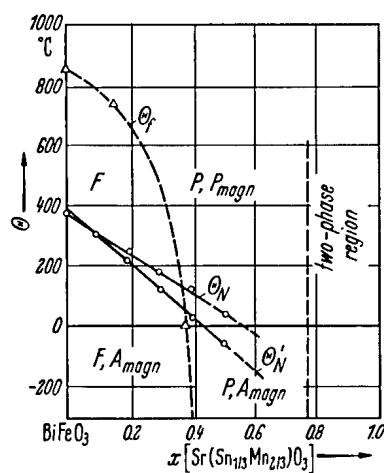


Fig. 1C-b72-001. $(1-x)\text{BiFeO}_3 \cdot x \text{Sr}(\text{Sn}_{1/3}\text{Mn}_{2/3})\text{O}_3$. Θ_f , Θ_N , Θ'_N vs. x [65Vis]. Θ_N and Θ'_N were determined by magnetic measurement and Mössbauer effect, respectively.

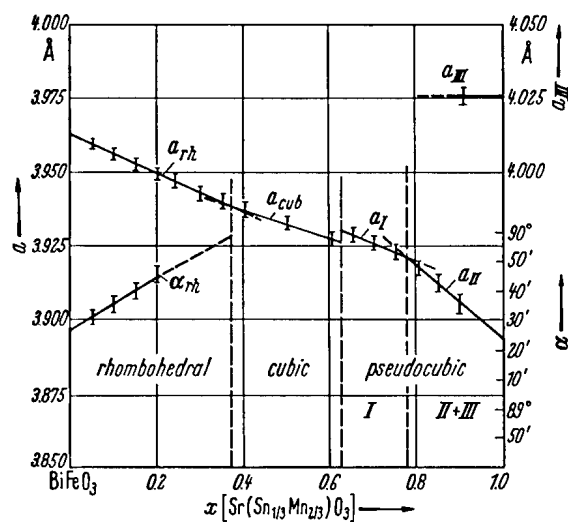


Fig. 1C-b72-002. $(1-x)\text{BiFeO}_3 \cdot x \text{Sr}(\text{Sn}_{1/3}\text{Mn}_{2/3})\text{O}_3$. Lattice parameters vs. x [65Vis].

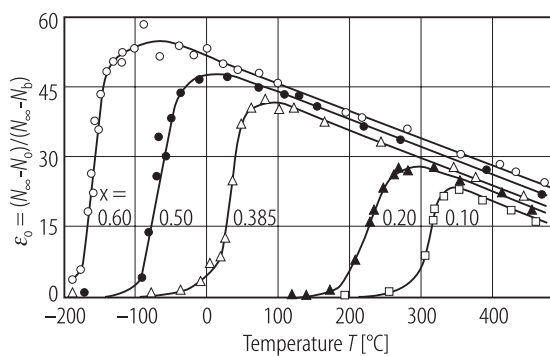


Fig. 1C-b72-003. $(1-x)\text{BiFeO}_3 \cdot x \text{Sr}(\text{Sn}_{1/3}\text{Mn}_{2/3})\text{O}_3$, ϵ_0 vs. T [64Mit]. Parameter: x . Resonance absorption spectral measurement with ^{119}Sn γ -ray. $\epsilon_0 = (N - N_0)/(N - N_b)$, where N , N_0 and N_b are counting rates for absorber velocity 4 mm s^{-1} , for zero velocity and for nonresonant γ -quanta, respectively.

References

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