
No. 1C-a85 $\text{PbZrO}_3\text{--BiFeO}_3$

1b Phase diagram: Fig. 1C-a85-001.

3a Lattice parameters: Fig. 1C-a85-002; see also

 ^{67}Ge

5a Dielectric constant: Fig. 1C-a85-003.

13c Mössbauer effect: Fig. 1C-a85-004.

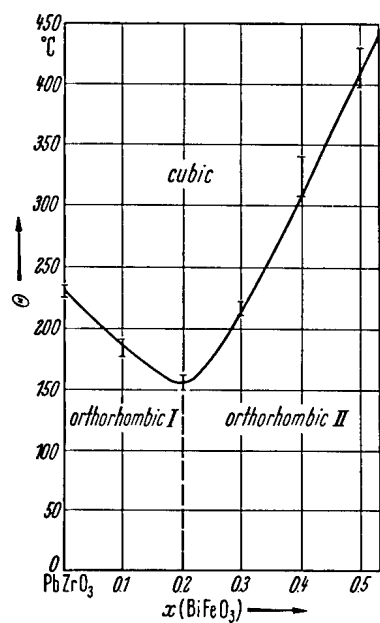


Fig. 1C-a85-001. $(1-x)\text{PbZrO}_3 \cdot x\text{BiFeO}_3$. Θ vs. x [67Ger].

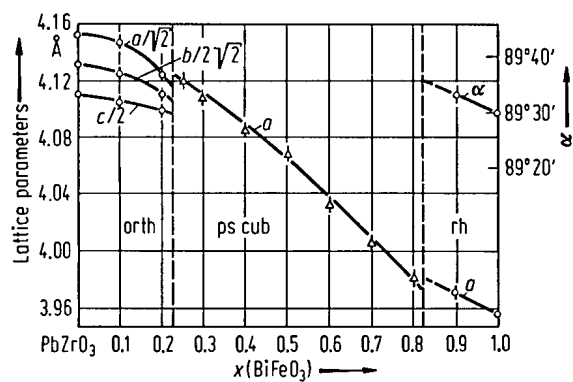


Fig. 1C-a85-002. $(1-x)\text{PbZrO}_3 \cdot x\text{BiFeO}_3$. Lattice parameters vs. x [68Smi].

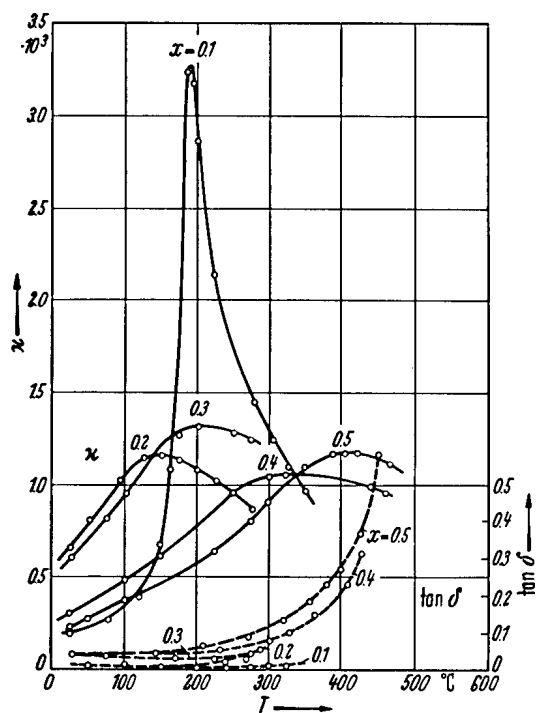


Fig. 1C-a85-003. $(1-x)\text{PbZrO}_3 \cdot x \text{ BiFeO}_3$ (ceramics). κ , $\tan \delta$ vs. T [67Ger]. Parameter: x . Solid lines: κ . Dashed lines: $\tan \delta$. f : 0.1 MHz ($x = 0.1, 0.2$), 1 MHz ($x = 0.3$), 7.4 MHz ($x = 0.4$), 20 MHz ($x = 0.5$).

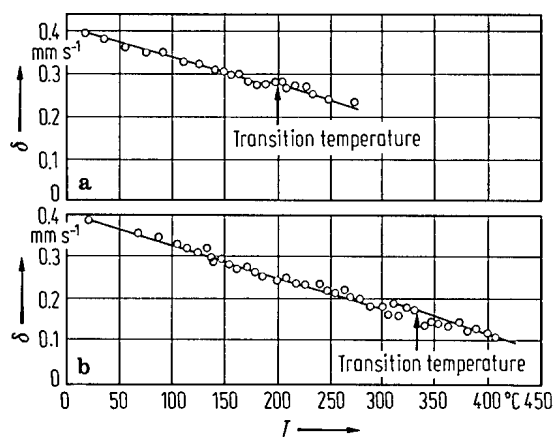


Fig. 1C-a85-004. 0.95 PbZrO_3 ·0.05 BiFeO_3 (a) and 0.95 $\text{Pb}(\text{Zr}_{0.8}\text{Ti}_{0.2})\text{O}_3$ ·0.05 BiFeO_3 (b). δ vs. T [71Can]. δ : isomer shift.

References

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