

Chapter 6

Suggestions for Future Work

This thesis consists of the basic information to understand the dielectric properties and microstructure of $Ba_{1-x}Sr_xTiO_3$ and Pb doped BST system. However, some properties of the modified compositions should be studied further;

1. To study the structure at morphotropic phase boundary (MPB).
2. To investigate other compositions by combinations of Pb, Ca and Zr dopants, which can increase the dielectric constant and give a wide range of phase transition.
3. To study other dielectric properties, such as degradation, electrical resistivity.

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