

Potentials and Limits of PMN-PT and PIN-PMN-PT single crystals for Pyroelectric Energy Harvesting

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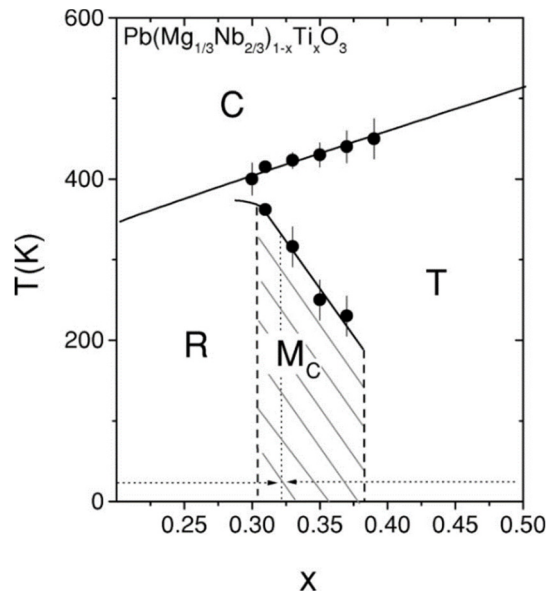


Figure S1: the PMN-xPT phase diagram showing the fields of the different structures, the morphotropic phase boundary (MPB, hatched area), and the phase transition temperatures as a function of the PT content. R is the rhombohedral, Mc the monoclinic, T the tetragonal and C the cubic phase structure, after Noheda et al.[7].

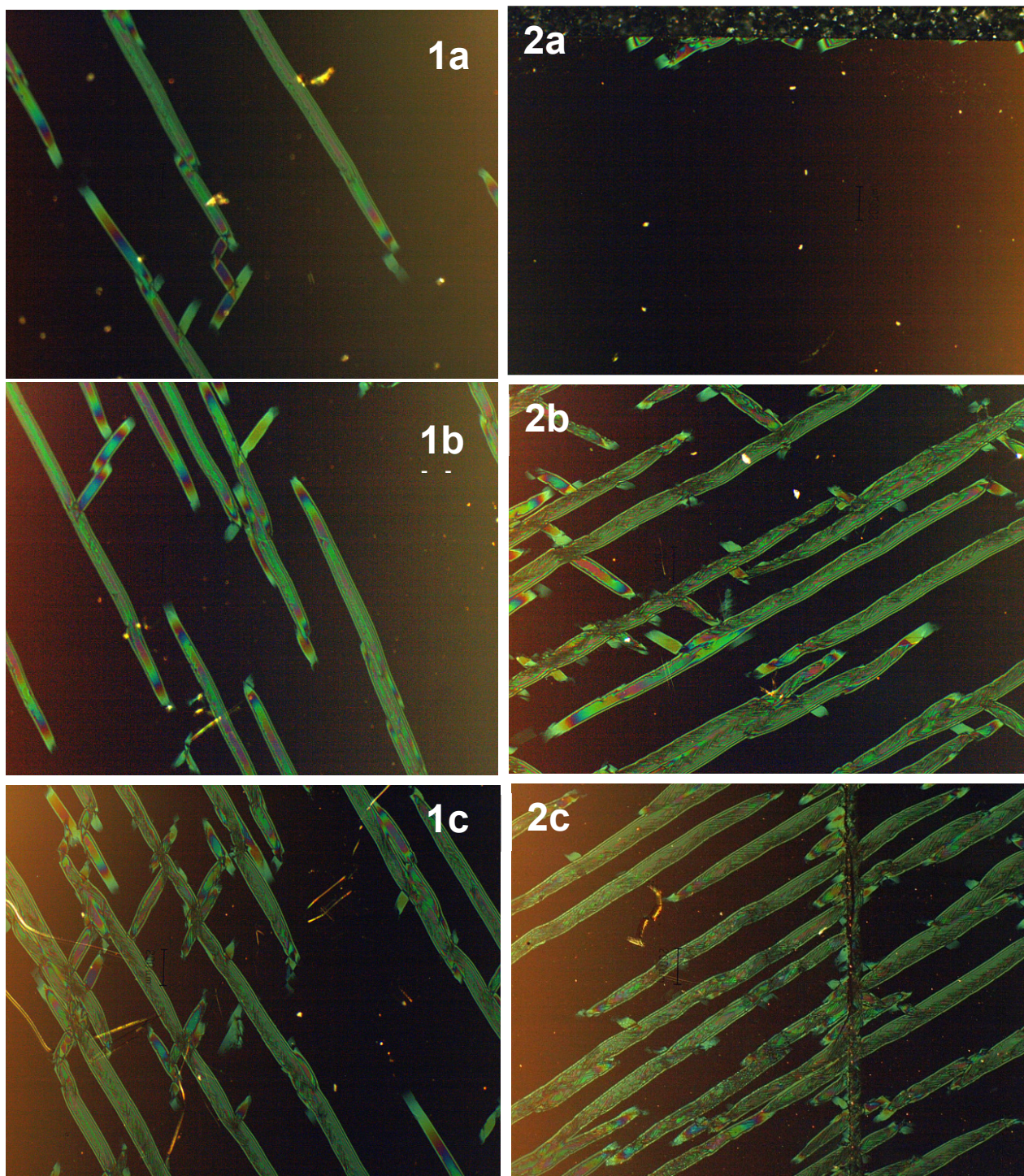


Figure S2: polarization microscopy images of the $\langle 111 \rangle$ 25PIN-42PMN-33PT:Mn crystal samples corresponding to Table 4.

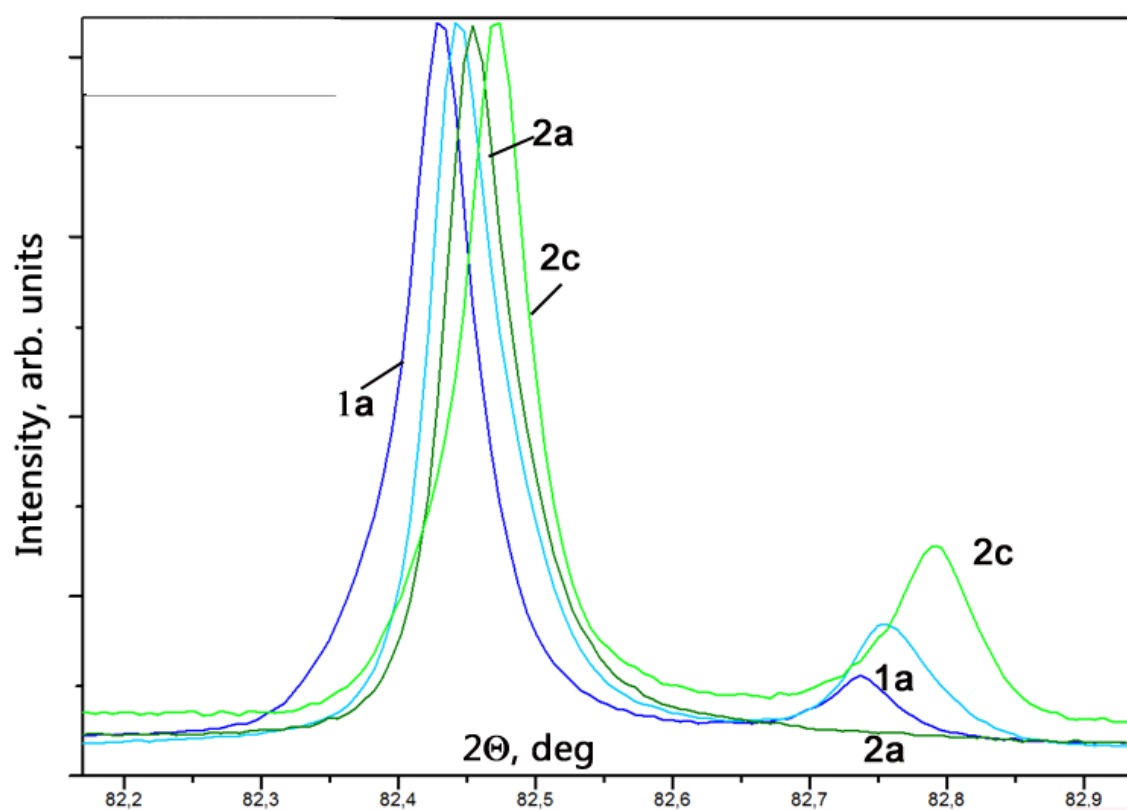


Figure S3: the <222> reflections corresponding to the samples in Figure.1