

Abstract Submitted
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Neutron Diffuse Scattering Measurements of PZT D. PHELAN,
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X. LONG, Y. XIE, Z.-G. YE, Simon Fraser University — Neutron diffuse scattering
measurements were performed on a single crystal of $\text{PbZr}_{0.675}\text{Ti}_{0.325}\text{O}_3$. The data
is compared and contrasted with other Pb-based piezoelectrics, such as the relaxor
 $\text{PbMg}_{1/3}\text{Nb}_{2/3}\text{O}_3$, and is discussed within the context of random fields.

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