

Abstract Submitted  
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**Local Structure of Hexagonal Multiferroic HoMnO<sub>3</sub> at High Temperature** TREVOR TYSON, TAO WU, HAIYAN CHEN, NJIT, SANG-WOOK CHEONG — The local structure of HoMnO<sub>3</sub> has been measured for temperatures beyond the ferroelectric transition. The detailed structural changes about Ho and Mn are ascertained. Comparisons of the low and high temperature phases are made. This work is supported by DOE Grant DE-FG02-07ER46402.

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