

Orientation

WCD measurements indicate that the VOF thin films were predominantly in the β -phase (CD orientation, with a peak location, 2θ , near 23.6° , prior to annealing. In this position the orientation is normal to the plane of the sample.

After annealing, however, the peak shift indicates the presence of VOF in the β -phase (CD orientation, with a 2θ near 24.4° . Here, the orientation is carried 87° away from the sample normal.

Conclusions & Future Work

These results indicate that the VOF thin films were predominantly in the β -phase (CD orientation) prior to annealing. After annealing, the orientation is carried 87° away from the sample normal.

References

1. J. H. Kim, S. H. Park, and S. H. Cho, *Journal of Applied Physics*, **98**, 044301 (2005).
2. J. H. Kim, S. H. Park, and S. H. Cho, *Journal of Applied Physics*, **98**, 044301 (2005).
3. J. H. Kim, S. H. Park, and S. H. Cho, *Journal of Applied Physics*, **98**, 044301 (2005).

Properties of Organic, Transition Perovskites
Prof. Thomas Mallory and Prof. David M. Turek
Department of Chemistry, University of North Carolina at Chapel Hill
tallory@unc.edu, dturek@unc.edu

NAME TAG: [unreadable]

BIG Red/2013
CLASS OF 2017