

# **UC Berkeley**

## **UC Berkeley Previously Published Works**

### **Title**

Erratum: Evolution of antiferromagnetic susceptibility under uniaxial pressure in Ba(Fe<sub>1-x</sub>Cox)₂As₂ [Phys. Rev. B 89, 214404 (2014)]

### **Permalink**

<https://escholarship.org/uc/item/74r7q219>

### **Journal**

Physical Review B, 90(13)

### **ISSN**

2469-9950

### **Authors**

Dhital, Chetan  
Hogan, Tom  
Yamani, Z  
et al.

### **Publication Date**

2014-10-01

### **DOI**

10.1103/physrevb.90.139902

Peer reviewed

**Erratum: Evolution of antiferromagnetic susceptibility under uniaxial pressure  
in Ba(Fe<sub>1-x</sub>Co<sub>x</sub>)<sub>2</sub>As<sub>2</sub> [Phys. Rev. B 89, 214404 (2014)]**

Chetan Dhalal, Tom Hogan, Z. Yamani, Robert J. Birgeneau, W. Tian, M. Matsuda, A. S. Sefat,  
Ziqiang Wang, and Stephen D. Wilson

(Received 29 September 2014; published 9 October 2014)

DOI: 10.1103/PhysRevB.90.139902 PACS number(s): 74.70.Xa, 74.62.Fj, 75.50.Ee, 75.40.Cx, 99.10.Cd

The acknowledgments should read as follows:

“The work at BC was supported by NSF CAREER Award No. DMR-1056625 (S.D.W.) and DOE Award No. DE-FG02-99ER45747 (Z.W.). The work at LBL was supported by the Director, Office of Science, Office of Basic Energy Sciences, U.S. Department of Energy, under Contract No. DE-AC02-05CH11231. Research conducted at ORNL’s High Flux Isotope Reactor was sponsored by the Scientific User Facilities Division, Office of Basic Energy Sciences, U.S. Department of Energy. A.S. acknowledges support from the U.S. Department of Energy, Office of Science, Basic Energy Sciences, Materials Science and Engineering Division.”

Additionally, a tricritical point arising from coupled magnetic and structural phase transitions has been predicted and experimentally shown to exist in the phase diagram of Ba(Fe<sub>1-x</sub>Co<sub>x</sub>)<sub>2</sub>As<sub>2</sub> [1–3]. This may be necessary for understanding the relevance of the strain-induced decoupling of the structural and magnetic phase transition onset temperatures at low Co dopings. This is provided for context and does not impact the conclusions of our article. The relevant citations are listed below.

- [1] A. Cano, M. Civelli, I. Eremin, and I. Paul, Phys. Rev. B **82**, 020408 (2010).
- [2] M. G. Kim, R. M. Fernandes, A. Kreyssig, J. W. Kim, A. Thaler, S. L. Bud’ko, P. C. Canfield, R. J. McQueeney, J. Schmalian, and A. I. Goldman, Phys. Rev. B **83**, 134522 (2011).
- [3] D. M. Pajerowski, C. R. Rotundu, J. W. Lynn, and R. J. Birgeneau, Phys. Rev. B **87**, 134507 (2013).