

University of Groningen

Ferromagnetic Order from p-Electrons in Rubidium Oxide

Riyadi, Syarif; Giriya pura, Shivakumara; de Groot, Robert A.; Caretta, Antonio; van Loosdrecht, Paul H. M.; Palstra, Thomas T. M.; Blake, Graeme R.

Published in:
Chemistry of Materials

DOI:
[10.1021/cm103433r](https://doi.org/10.1021/cm103433r)

IMPORTANT NOTE: You are advised to consult the publisher's version (publisher's PDF) if you wish to cite from it. Please check the document version below.

Document Version
Publisher's PDF, also known as Version of record

Publication date:
2011

[Link to publication in University of Groningen/UMCG research database](#)

Citation for published version (APA):

Riyadi, S., Giriya pura, S., de Groot, R. A., Caretta, A., van Loosdrecht, P. H. M., Palstra, T. T. M., & Blake, G. R. (2011). Ferromagnetic Order from p-Electrons in Rubidium Oxide. *Chemistry of Materials*, 23(6), 1578-1586. <https://doi.org/10.1021/cm103433r>

Copyright

Other than for strictly personal use, it is not permitted to download or to forward/distribute the text or part of it without the consent of the author(s) and/or copyright holder(s), unless the work is under an open content license (like Creative Commons).

Take-down policy

If you believe that this document breaches copyright please contact us providing details, and we will remove access to the work immediately and investigate your claim.

Downloaded from the University of Groningen/UMCG research database (Pure): <http://www.rug.nl/research/portal>. For technical reasons the number of authors shown on this cover page is limited to 10 maximum.

Supporting Information for “Ferromagnetic Order from p-electrons in Rubidium Oxide”

Syarif Riyadi, Shivakumara Giriyapura, Robert A. de Groot, Antonio Caretta,
Paul H. M. van Loosdrecht, Thomas T. M. Palstra, and Graeme R. Blake

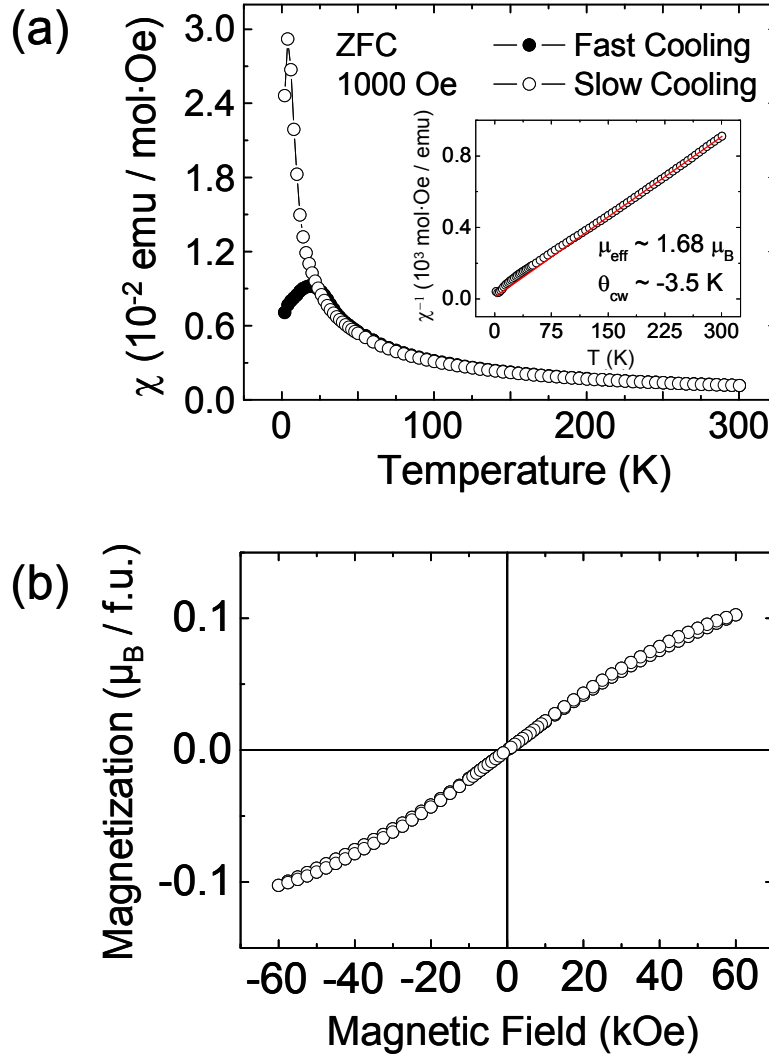


Figure S1: (a) Zero-field-cooled magnetic susceptibility of a second sample of $\text{RbO}_{1.72}$ as a function of temperature, measured on warming in a field of 1000 Oe. Data were collected after fast-cooling through the phase transition region from 230-170 K over ~ 5 min and slow-cooling through the transition region over 5 h. (b) Magnetization as a function of applied field at 5 K for the second sample of $\text{RbO}_{1.72}$ after slow-cooling through the phase transition.