

Transmission Electron Microscopy on Magnetic Phase Transformations in Functional Materials

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DOI: 10.1007/s11661-007-9238-y

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**Erratum to: METALLURGICAL AND MATERIALS
TRANSACTIONS A, Vol. 38A, No. 4, April
2007**

DOI: 10.1007/s11661-007-9235-1

FOLLOWING are updates to the original article:

1. Y. Murakami's correct academic title is Associate Professor.
2. The corrected caption for figure 4 is as follows: Fig. 4— Tip portion of the double probe piezodriving holder.
3. The last paragraph under the heading "B. *Examinations on the Phase Identification in Hole-Doped Manganites*" is updated as follows:

As demonstrated in this study, our new TEM-based system is available in the electric and magnetic

phase identification in a nanoscale area. In addition, because this system can supply a high density current (e.g., 10^5 A/cm² or higher) to a nanoscale area, it is possible to examine the current-induced change in domain structures by TEM.

4. Reference 7 is updated as follows: T. Kakeshita, T. Takeuchi, T. Fukuda, T. Tsujiguchi, T. Saburi, R. Oshima, and S. Muto: *Appl. Phys. Lett.*, 2000, vol. 77, pp. 1502–04.
5. Reference 9 is updated as follows: Y. Murakami, D. Shindo, T. Kobayashi, K. Oikawa, R. Kainuma, and K. Ishida: *Mater. Sci. Eng., A*, 2006, vol. 438–40, pp. 1050–53.

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The online version of the original article can be found under doi:10.1007/s11661-007-9235-1.

Article published online July 10, 2007.