

Corrigendum

Corrigendum to “Chemistry of nanoscale precipitates in
Mg–2.1Gd–0.6Y–0.2Zr (at.%) alloy investigated
by the atom probe technique”
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In the previous publications, the authors made a mistake in indexing the zone axis of the hexagonal Mg. All zone axis orientation $[1\ 0\ \bar{1}\ 0]$ in the text should be replaced with $[2\ \bar{1}\ \bar{1}\ 0]$. Fortunately, these mistakes do not influence the major conclusions of this paper. The authors apologize the mistake, and wish to correct the following errors in the published paper mentioned above.

- Page 302, Results 3.1, lines 7 and 8 should read: for microstructural investigation, aging times of 0.5, 4 and 60 h were selected.
- Page 302, Results 3.2, line 5 should read: the $[2\ \bar{1}\ \bar{1}\ 0]$ zone.
- Page 302, Fig. 2 caption, lines 1–4 should read: (a) TEM bright field image and (b) corresponding SAED patterns ($\mathbf{B}//[2\ \bar{1}\ \bar{1}\ 0]_{\alpha}$). (c) TEM bright field image, (b) corresponding SAED patterns and (e) high-resolution electron microscope (HREM) image, aged at 200 °C for 0.5 h.
- Page 303, Results 3.2, line 4 should read: $(0\ 2\ \bar{2}\ 0)_{\beta'}/(0\ 1\ \bar{1}\ 0)_{\alpha}$, $[2\ \bar{1}\ \bar{1}\ 0]_{\beta'}/[2\ \bar{1}\ \bar{1}\ 0]_{\alpha}$.
- Page 303, Results 3.2, lines 22, 24 and 29 should read: the $[2\ \bar{1}\ \bar{1}\ 0]$ zone.
- Page 303, Fig. 3 caption, lines 1 and 2 should read: Simulated patterns for the $D0_{19}$ structure (a) $[2\ \bar{1}\ \bar{1}\ 0]_{\alpha}$ and (b) $[0\ 0\ 0\ 1]_{\alpha}$ zone axis.
- Page 303, Fig. 4 caption, lines 1–4 should read: (a) TEM bright field image and (b) corresponding SAED patterns ($\mathbf{B}//[2\ \bar{1}\ \bar{1}\ 0]_{\alpha}$). (c) TEM bright field image, (b) corresponding SAED patterns and (e) high-resolution electron microscope (HREM) image ($\mathbf{B}//[0\ 0\ 0\ 1]_{\alpha}$), aged at 200 °C for 4 h.
- Page 303, Fig. 5 caption, lines 1–4 should read: (a) TEM bright field image and (b) corresponding SAED patterns ($\mathbf{B}//[2\ \bar{1}\ \bar{1}\ 0]_{\alpha}$). (c) TEM bright field image, (b) corresponding SAED patterns and (e) high-resolution electron microscope (HREM) image ($\mathbf{B}//[0\ 0\ 0\ 1]_{\alpha}$) of the sample aged at 200 °C for 60 h.
- Page 304, Results 3.2, lines 8 should read: $(0\ 0\ 1)_{\beta'}/(0\ 0\ 0\ 1)_{\alpha}$, $[1\ 0\ 0]_{\beta'}/[2\ \bar{1}\ \bar{1}\ 0]_{\alpha}$.
- Page 305, Discussion, line 12 should read: the $[2\ \bar{1}\ \bar{1}\ 0]$ zone.
- Page 305, Discussion, lines 41 and 42 should read: in the $[0\ 1\ \bar{1}\ 0]_{\alpha}$ direction and two atomic layer periodicity in the $[0\ 0\ 0\ 1]_{\alpha}$ direction.
- Page 305, Discussion, line 44 should read: $a_{\text{bco}} = 2a_{\alpha}$, $b_{\text{bco}} = 8d_{0\ 1\ \bar{1}\ 0\ \alpha}$, $c_{\text{bco}} = c_{\alpha}$.
- Page 305, Fig. 10, the correct figure is attached.

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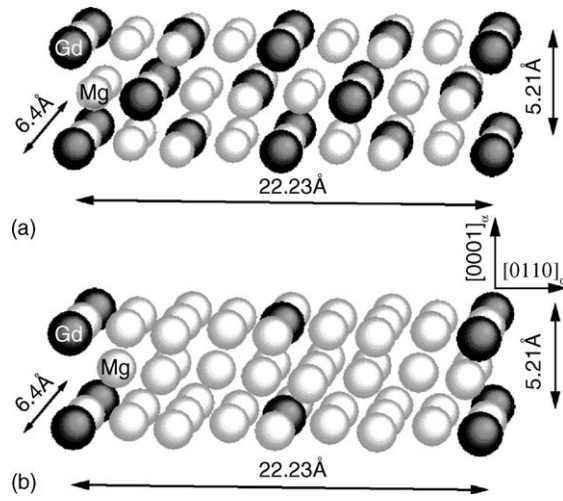


Fig. 10. The atomic model of (a) β'' and (b) β' deduced from the SAED patterns.