

Spin Dynamics in the Negatively Charged Terbium (III) Bis-phthalocyaninato Complex [*J. Am. Chem. Soc.* **2009**, *131*, 4387–4396]. Francesca Branzoli, Pietro Carretta,* Marta Filibian, Giorgio Zoppellaro, Michael J. Graf, Jose R. Galan-Mascaros, Olaf Fuhr, Susan Brink, and Mario Ruben*

Page 4392. The caption of Figure 4 should read as follows: (A) Temperature dependence of $1/T_1$ in $[Pc_2Tb]^- [TBA]^+ \times 143 [TBA]Br$ (**3**) powders for $H_0 = 4.5$ kG. The solid circles are experimental data. The solid blue-line in the high-temperature range represents the best fit according to eq 8 (see text). (B) Temperature dependence (circles) of $1/T_1$ in $[Pc_2Tb]^- [TBA]^+ \times 9 [TBA]Br$ (**2**) powders for 4.5 kG of applied field. The dashed-dotted red line shows the behavior expected according to eq 4 and assuming the sublevel scheme proposed by Ishikawa et al. (see main text)^{40,58} while the blue solid line shows the fitting result according to eq 8. (C) Field and temperature dependence of $1/T_1$ in $[Pc_2Tb]^- [TBA]^+ \times 9 [TBA]Br$ (**2**) powders for $H_0 = 4.5$ kG (orange circles) and $H_0 = 2.7$ kG (green circles). The solid lines (orange and green) show again the best fit according to eq 8.

Page 4393. The correct form for eq 5 in the correct form is

$$\frac{1}{\tau_m} = p_{m,m-1} + p_{m,m+1} \quad (5)$$

Page 4394. The correct eqs 6 and 7 are

$$p_{m,m-1} = C \frac{(E_{m-1} - E_m)^3}{\exp[(E_{m-1} - E_m)/k_B T] - 1} \quad (6)$$

$$p_{m,m+1} = C \frac{(E_m - E_{m+1})^3}{1 - \exp[(E_{m+1} - E_m)/k_B T]} \quad (7)$$

In the caption of Figure 6, lines 4–5 should read, “The solid blue line shows the best fit to the $[Pc_2Tb]^- [TBA]^+ \times 143 [TBA]Br$ (**3**) data...”

Page 4395. In the right column, line 6, one should read, “...the Fourier transform of half of the echo signal after a $\pi/2 - \tau - \pi$ pulse sequence.”

JA9025424

10.1021/ja9025424

Published on Web 05/13/2009