

## Erratum to: Magnetic field-induced modification of selection rules for Rb $D_2$ line monitored by selective reflection from a vapor nanocell\*

Eur. Phys. J. D 71: 216 (2017), DOI: [10.1140/epjd/e2017-80291-6](https://doi.org/10.1140/epjd/e2017-80291-6)

Emmanuel Klinger<sup>1,2,a</sup>, Armen Sargsyan<sup>1</sup>, Ara Tonoyan<sup>1</sup>, Grant Hakhumyan<sup>1</sup>, Aram Papoyan<sup>1</sup>, Claude Leroy<sup>2</sup>, and David Sarkisyan<sup>1</sup>

<sup>1</sup> Institute for Physical Research, NAS of Armenia, Ashtarak-2 0203, Armenia

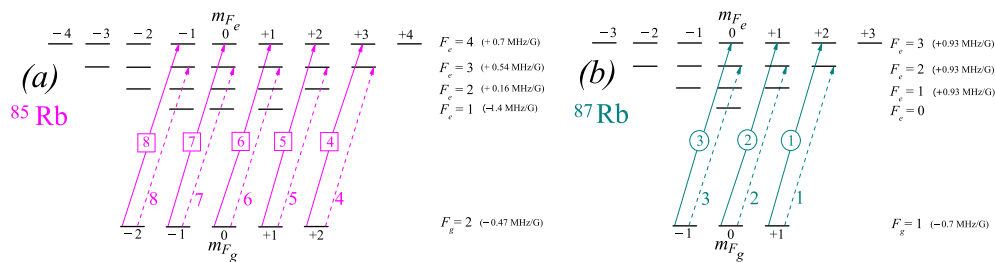
<sup>2</sup> Laboratoire Interdisciplinaire Carnot de Bourgogne, UMR CNRS 6303, Université Bourgogne – Franche-Comté, BP 47870, 21078 Dijon Cedex, France

Received 16 November 2017

Published online 16 January 2018 – © EDP Sciences, Società Italiana di Fisica, Springer-Verlag 2018

The two technical points below are corrected by this erratum:

1. The publisher apologizes for a technical problem occurring in the scale numbering of Figure 2. The figure is corrected below.



**Fig. 2.** Diagram of the relevant transitions between the Zeeman sublevels of Rb  $D_2$  line with  $\sigma^+$  (left-circular) laser excitation for the case of (a)  $^{85}\text{Rb}$  (nuclear spin  $I = 5/2$ ), and (b)  $^{87}\text{Rb}$  (nuclear spin  $I = 3/2$ ). Each transition is labeled to facilitate identification in the following graphs. Linear Zeeman shift rates are indicated next to each hyperfine level.

2. Page 6, line 14 of the Conclusion section “ $F_g = 2, m_F = -3 \rightarrow F_e = 4, m_F = -2$ ” should be replaced by “ $F_g = 2, m_F = -2 \rightarrow F_e = 4, m_F = -1$ ”.

\* The online version of the original article can be found at <https://doi.org/10.1140/epjd/e2017-80291-6>.

<sup>a</sup> e-mail: [emmanuel.klinger@u-bourgogne.fr](mailto:emmanuel.klinger@u-bourgogne.fr)