

*Erratum***Ab initio calculation of the transfer and multipole rates  
of the Na ground state hyperfine levels perturbed by atomic hydrogen****B. Kerkeni, A. Spielfiedel, and N. Feautrier**

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Due to an unfortunate error, equation (16) is wrong. The correct analytic expression of the rate coefficient  $g_1(J = 1/2)$  given in Fig. 4 is:

$$g_1 = 4.32 \cdot 10^{-9} n_H (T/5000)^{0.41} (s^{-1}) \quad (1)$$

The suggestion given in the concluding remarks that the upper limit of the hydrogen density  $n_H$  is a fraction of  $10^{15} \text{ cm}^{-3}$  is no longer correct. To prevent complete collisional depolarization of the ground state of Na, the maximum value of  $n_H$  is a fraction of  $10^{14} \text{ cm}^{-3}$ .