

*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} 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} cm^{-3} .