

Erratum: Relativistic many-body calculations of transition rates for Ca⁺, Sr⁺, and Ba⁺ [Phys. Rev. A44, 1531 (1991)]

C. Guet and W. R. Johnson

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M1 contributions to lifetimes of the lowest excited (metastable) $d_{5/2}$ states arising from transitions to $d_{3/2}$ states in alkaline-earth ions were erroneously omitted in Table IV. The omitted M1 transition rates are $A = 5543, 237.7, 2.411$ (10^{-6}s^{-1}) for the $5d_{5/2}$ of Ba⁺, the $4d_{5/2}$ state of Sr⁺, and the $3d_{5/2}$ state of Ca⁺, respectively. Including these contributions, leaves the lifetimes presented in Table IV for the $4d_{5/2}$ state of Sr⁺ and the $3d_{5/2}$ state of Ca⁺ unchanged, but decreases the lifetime of the $5d_{5/2}$ state in Ba⁺ from 37.2 s to 30.8 s, bringing it into agreement with the recent experimental value 32.0 ± 4.6 s of Gurell *et al* Phys. Rev. A **75**, 052506 (2007).