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Corrigendum: Two-photon transitions in Ca^+ , Sr^+ and Ba^+ ions (2010 *J. Phys. B: At. Mol. Opt. Phys.* **43** 074014)

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In the below table, we correct numerical entries in table 5 of [1], which were missing a factor of $1/2$. This correction has

no influence on other results in the article. We acknowledge M Godefroid for pointing out this error.

Table 5. Two-photon decay rates (s^{-1}) for the $ndj (n + 1)s$ transitions in Ba^+ ($n = 5$), Sr^+ ($n = 4$) and Ca^+ ($n = 3$) ions. The contributions of the 2E1 decay channel to the nd lifetimes are given in column labeled Contr. in %.

Ion	Transition	Lowest order	All order	Contr.
Ca^+	$3d_{5/2}-4s$	3.404[−3]	9.945[−5]	0.01
Ca^+	$3d_{3/2}-4s$	3.458[−3]	9.800[−5]	0.01
Sr^+	$4d_{5/2}-5s$	2.718[−3]	3.807[−4]	0.01
Sr^+	$4d_{3/2}-5s$	2.777[−3]	3.525[−4]	0.01
Ba^+	$5d_{5/2}-6s$	1.013[−5]	4.039[−7]	0.003
Ba^+	$5d_{3/2}-6s$	7.384[−6]	1.538[−7]	0.001

References

- [1] Safronova M S, Johnson W R and Safronova U I 2010 *J. Phys. B: At. Mol. Opt. Phys.* **43** 074014