

ERRATUM

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Rotational cooling of $\text{Li}_2(^1\Sigma_g^+)$ molecules by ultracold collisions with an He gas buffer

Published online: 28 February, 2005
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Theor Chem Acc (2004) 112: 263–269

Due to a mistake in the final stage of manuscript preparation the last column of Table 2 was given incorrectly. The corrected version of the table is given below. The discussion and conclusions of the paper remain unaffected.

Initial j state	$\alpha_j(\text{Å})$	$\beta_j(\text{Å})$	Virtual state energy (cm^{-1})	De-excitation Rate ($\text{cm}^3 \cdot \text{s}^{-1}$)
0	-7.55	0	-0.095	0
2	-7.60	0.01	-0.094	4.06(-13)
4	-7.59	0.11	-0.094	2.79(-12)
6	-7.53	0.16	-0.096	4.17(-12)

The online version of the original article can be found at
<http://dx.doi.org/10.1007/s00214-004-0586-z>

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