

Erratum: “The $X\ 1\ \Sigma\ g$ + ground state of Mg_2 studied by Fourier-transform spectroscopy” [J. Chem. Phys. 138, 094303 (2013)]

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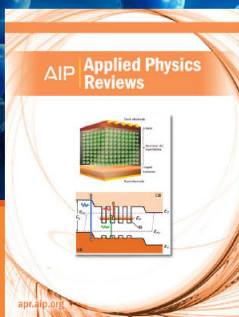
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- (1) There was a typo in Eq. (5) of the article referred to Ref. 1. The correct equation is

$$U_X^{\text{SR}}(R) = B e^{C(R-R_i)/R_i}.$$

- (2) The parameter b in Eq. (13) is in units of Bohr radii, a_0 . For R in Å divide b by 0.52917721092.

- (3) There was a typo in Eq. (17), the correct equation is

$$y_p(R; R_{\min}, R_{\text{ref}}) = \frac{R^p - R_{\text{ref}}^p}{R^p + R_{\text{ref}}^p - 2R_{\min}^p}.$$

- (4) In Table IV, the index of the Chebychev coefficients c_k must be reduced by one unit: c_1 is c_0 , etc.

¹H. Knöckel, S. Rühmann, and E. Tiemann, J. Chem. Phys. **138**, 094303 (2013).