

Erratum: “Wavelengths, Transition Probabilities, and Energy Levels for the Spectra of Rubidium (Rb I through Rb XXXVI)” [J. Phys. Chem. Ref. Data 35, 301–421 (2006)]

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Erratum: “Wavelengths, Transition Probabilities, and Energy Levels for the Spectra of Rubidium (Rb I through Rb XXXVI)” [J. Phys. Chem. Ref. Data 35, 301–421 (2006)]

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As the result of an apparent typographical error in the table of one of the references (Ferguson and Dunn¹) the configuration, term, and J values of some of the $4p^6ns$ and $4p^6nd$ levels in the table “Energy Levels of Rb I” on pages 310–312 in Sec. 7.1 are mislabeled.

- 1) Levels labeled $4p^6ns \ ^2S_{1/2}$ should be labeled $4p^6nd \ ^2D_{3/2,5/2}$ (for $n=37$ to 54).
- 2) Levels labeled $4p^6nd \ ^2D_{3/2,5/2}$ should be labeled $4p^6ns \ ^2S_{1/2}$ (for $n=37$ to 54).

The Rb I compilation of Luna *et al.*² appeared after our work on neutral rubidium was completed. It should be included in the group of important papers on this spectrum.

¹A. I. Ferguson, and M. H. Dunn, *Opt. Commun.* **23**, 227 (1977).

²F. R. T. Luna, G. H. Calvalcanti, L. H. Coutinho, and A. G. Trigueros, *J. Quant. Spectrosc. Radiat. Transf.* **75**, 559 (2002).

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