

Errata

Molecular Rydberg Transitions. X. Correlation Algorithms for Rydberg Term Values, P. Hochmann, G. L. Findley, and S. P. McGlynn, Z. Naturforsch. **35 a**, 595–609 (1980).

1. Page 595, Title: Change (1979) to (1980).
2. Page 599, Column 2, second line from bottom of page:
Change " v_{10} , v_{01} and v_8 " to " v_{20} , v_{02} and v_{11} ".
3. Page 600:
 - (i) Equation (4.5) and the line following Eq. (4.5):
Change " Σ " to " $\hat{\Sigma}$ ".
 - (ii) Column 1, the expression for $\hat{\Sigma}$ should read:

$$\hat{\Sigma} \equiv \sum_{\substack{\delta \neq \alpha \\ k \neq n}} |\mu, \delta, k\rangle \langle \mu, \delta, k| [T_0(\mu, \delta, k) - T_0(\mu, \alpha, n)].$$
4. Page 605:
 - (i) Equation (A. 5):
Change 2 to 1.
 - (ii) Line preceeding Eq. (A. 10):
Change Γ to Γ_μ .
5. Page 608:
 - (i) In Equation (C. 7) cancel the curly brackets.
 - (ii) Equation (C. 8), the expression for $v_S(\mathbf{r})$: Change $N_S \{$ to $\{N_S$.

Defect Diffusion Models in NMR and Dielectric Relaxation, R. Kimmich and G. Voigt, Z. Naturforsch. **33 a**, 1294–1306 (1978).

In Eq. (24), the first square bracket should be closed after $C_2(\alpha)$.

In Eq. (36), the limes reads correctly $\lim_{\epsilon \rightarrow 0} \dots$.

On p. 1301, second column, lines 3 and 8, the limit referred to is correctly $V_0 \gg V$. The equation in line 10 should read $V_0 = 2V$.

In Fig. 6, the superscript of $\sigma^{(3)}$ should be (1) instead of (3).

C. Bojarski and E. Grabowska, Effekt of Acceptor Concentration upon Donors Fluorescence Decay and Quantum Yield, Z. Naturforsch. **35 a**, 1030 (1980). Page 1033, Eq. (12) read:

$$\Phi(\gamma) = \frac{1 + \gamma^2 - (1.5 + \gamma^2)f(\gamma) + \alpha_0 \alpha f(\gamma) [f(\gamma) + \gamma^2 - 0.5] - \alpha_0 \alpha \gamma^2}{1 - f(\gamma)}. \quad (12)$$