
 BERICHTIGUNGEN

Zu W. DRTL: „Messungen der druckabhängigen Relaxationszeiten der Ausrichtung (alignment) einiger durch Ionenstoß angeregter Helium-Singulettzustände“, Z. Naturforsch. **24 a**, 350 [1969].

S. 355, Abb. 6: Die aus der Literatur zitierten Lebensdauern (18), (20) sind bezgl. des Druckes p mit dem Faktor 10^{-1} zu korrigieren.

S. 357, Abb. 12: BAKOS, SZIGETI (21): $\tau = 57$ ns bei $p = 4 \cdot 10^{-2}$ Torr statt bei $p = 4 \cdot 10^{-3}$ Torr.

K. KAMBE, "Theory of Low-Energy Electron Diffraction. II. Cellular Method for Complex Monolayers and Multilayers", Z. Naturforsch. **23 a**, 1280 [1968].

Errata

(Note: The errata of Part I, Z. Naturforsch. **22a**, 322 [1967] are noted in the above Part II as Appendix 4.)

1) In Eq. (1.10)

$$\frac{\partial}{\partial \mathbf{r}'} \psi(\mathbf{r}' + \mathbf{c}_j) \quad \text{should read} \quad \frac{\partial}{\partial \mathbf{r}'} \psi(\mathbf{r}' + \mathbf{c}_j).$$

$$\frac{\partial}{\partial \mathbf{r}'} \mathfrak{G}^{(ij)}(\mathbf{r}_i, \mathbf{r}') \quad \text{should read} \quad \frac{\partial}{\partial \mathbf{r}'} \mathfrak{G}^{(ij)}(\mathbf{r}_i, \mathbf{r}).$$

2) In Eq. (3.5), second line

$$\int d\Omega_j' \quad \text{should read} \quad \int d\Omega_i.$$

3) In Eq. (3.10)

$$j_L(\bar{R}) \quad \text{should read} \quad j_L(\kappa \bar{R}).$$

4) In Eq. (3.15)

$$(-\kappa c_{ijz})^{2n-s} \quad \text{should read} \quad (\kappa c_{ijz})^{2n-s}.$$

5) p. 1285, line 8

$$\text{If } c_{ijz} = 0 \text{ we have obviously } D_{LM}^{(ij)(1)} = 0 \text{ if } L - |M| \text{ is odd, and if } L - |M| \text{ is even} \\ D_{LM}^{(ij)(1)} = \dots \quad (3.17)$$

6) In Eq. (3.19) the factor $(I_p/\kappa)^{2n-1}$ should be omitted.

7) In Eq. (3.20)

$$\kappa/\sqrt{4\pi} \quad \text{should read} \quad \kappa 2^{-L}/\sqrt{4\pi}.$$

8) Eq. (A 3.3) should read

$$(z/2)^2 \Delta_{n+1} = (\tfrac{1}{2} - n) \Delta_n - \Delta_{n-1} + x^{\frac{1}{2}-n} \exp\{-x + z^2/(4x)\}.$$

9) In Eq. (A 3.5)

$$\sqrt{\pi/2} i \quad \text{should read} \quad i \sqrt{\pi/2}.$$