

## BERICHTIGUNGEN

Erratum to S. M. ANSARI, G. ELWERT, and P. MÜCKLICH, On Dielectronic Recombination, *Z. Naturforsch.* **25 a**, 1781 [1970].

Read Shore <sup>32a</sup> for Shore <sup>19</sup> on:

Page 1782, col. 1, 1<sup>st</sup> line;  
 Page 1783, col. 2, 6<sup>th</sup> line from bottom;  
 Page 1784, col. 2, 12<sup>th</sup> line from bottom;  
 Page 1786, col. 2, 2<sup>nd</sup> line in the caption for Fig. 3.

Read  $f_{i'}$  for  $f_{i'}$  in Eqs. (3.3), (3.4), (5.1), (7.1) and (7.5').

Page 1785: col. 1: 5<sup>th</sup> line from bottom read  $\omega(n' l', n'' l'')$  for  $\omega(n', l' n'' l'')$ ;  
 col. 2: 4<sup>th</sup> line of Sec. 4 read Shore <sup>31, 32a</sup> for Shore <sup>31</sup>;  
 in footnote <sup>3</sup> read No. 22 for No. 23 and 1967 for 1969.

Page 1786: col. 1: In Eq. (4.5) read  $\sum_{n''l''}$  for  $\sum_{n'l'}$ ;  
 in Eq. (4.6) read  $\sum_{i''l''}$  for  $\sum_{i'l'}$ .

col. 2: 8<sup>th</sup> line read (4.6') for (4.6);  
 1<sup>st</sup> line below Eq. (4.9) read (4.10) for (4.9');  
 in the caption for Fig. 3 read  $B(i', n'')$  for  $B(i, n'')$ .

Page 1787: col. 1: 4<sup>th</sup> line, read BURGESS <sup>12</sup> for BURGESS <sup>11</sup>.

Page 1792: col. 2: 3<sup>rd</sup> line, read Å for AeV.

Page 1793: col. 1: 3<sup>rd</sup> line below Eq. (7.3) read TREFFTZ <sup>28</sup> for TREFFTZ <sup>20</sup>.

Page 1797: col. 1: Eq. (8.2),  $I_{z-1}$  should be in the exponent;  
 col. 2: 4<sup>th</sup> line, read SUMMERS <sup>18</sup> for SUMMERS <sup>13</sup>.

Table 1: 1<sup>st</sup> and 3<sup>rd</sup> row should read:

Argument	0	1	2	3	4	5	6	7	8	9	10
$B(z)$		2.07	2.80	2.99	3.00	3.93	2.82	2.70	2.60	2.50	2.42

Table 3: 6<sup>th</sup> and 7<sup>th</sup> col., 4<sup>th</sup> row from bottom, the entries 1.0(-11) and 2.0 are only for  $i'=5p$ .

Table 4: 10<sup>th</sup> and 11<sup>th</sup> col., 11<sup>th</sup> row, the entries 3.6(-11) and 8.59 are only for  $i'=3p$ .

Zu A. R. ALLNATT, Statistical Mechanics of Thermotransport of a Heavy Impurity in an Insulating Solid, *Z. Naturforsch.* **26 a**, 10 [1971].

The Eqs. (2.19) – (2.26) should be read as follows:

$$\zeta = \beta \int_0^{\infty} ds \langle \mathbf{F}_0 \mathcal{F}_0(-s) \rangle_0, \quad (2.19)$$

$$\eta' = \beta^2 \int_0^{\infty} ds \langle \mathbf{F}_0 \mathcal{B}(-s) \rangle_0, \quad (2.20)$$

$$\eta = \beta \int_0^{\infty} ds \langle \mathbf{F}_0 \mathbf{J}_H(-s) \rangle_0 - \beta \langle \mathbf{F}_0 \mathcal{A} \rangle_0 = \eta^{(1)} + \eta^{(2)}, \quad (2.21)$$

$$\mathcal{F}_0 = \mathbf{F}_0 - \langle \mathbf{F}_0 \rangle, \quad (2.22)$$

$$\mathcal{A} = \mathbf{A} - \langle \mathbf{A}_0 \rangle, \quad (2.23)$$

$$\mathcal{B} = \mathcal{A} \mathcal{F}_0 - \langle \mathcal{A} \mathcal{F}_0 \rangle_0, \quad (2.24)$$

$$\mathbf{J}_H = \sum_{i=0}^N \left[ (p_i^2/2 m_i - \overline{H}_i) \mathbf{l} + \frac{1}{2} \sum_{k=0}^N (V(\mathbf{R}_{ik}) \mathbf{l} - \mathbf{R}_{ik} \nabla_k V(\mathbf{R}_{ik})) \right] \cdot \mathbf{p}_i / m_i. \quad (2.26)$$

The four lines of type after Eq. (2.28) should be deleted.