Corrigenda


Factors 1/5 were omitted in equations (7) and (8) and in the corresponding results given in tables 2 and 4. In table 2 all results of 'Types' B and C should be divided by 5.

A corrected version of table 4 summarising our results is given below:

<table>
<thead>
<tr>
<th>Table 4. Contributions to $\gamma_\infty$.</th>
</tr>
</thead>
<tbody>
<tr>
<td>First-order contributions (table 1)</td>
</tr>
<tr>
<td>Second-order contributions (table 2) $k = 0$</td>
</tr>
<tr>
<td>$k \neq 0$</td>
</tr>
<tr>
<td>Higher-order (ladder sum) contribution from the $5p \rightarrow p$ excitations</td>
</tr>
<tr>
<td>Correction for the difference between Hartree–Fock and Hartree–Fock–Slater potentials (table 3)</td>
</tr>
<tr>
<td>Total calculated value</td>
</tr>
</tbody>
</table>

These changes bring our results into much closer agreement with those of previous workers and, in particular, now agree with the usual assertion that first-order contribution to $\gamma_\infty$ is dominant. Some of our qualitative conclusions must therefore be revised.

The authors are grateful to J Andriessen (Department of Applied physics, Technische Hogeschool, Delft, The Netherlands) for his help in discovering this error.


An error was made in figure 3. The correct figure is printed below.