

**A Semi-Classical Derivation of the Spin-Orbit Electromagnetic Interaction.****J. M. G. GOMEZ***The Niels Bohr Institute, University of Copenhagen - Copenhagen***J. SESMA***Departamento de Física Teórica, Universidad de Valencia - Valencia**(Lett. Nuovo Cimento, 7, 851 (1973))*

The text following eq. (11), starting with « If  $Z = N$  then ... », is not correct. It should read as follows:

Equations (10) and (11) are not equivalent in general. Notice that the term corresponding to  $\langle V(p, N) \rangle$  is missing in eq. (10). The interaction of the excess proton with the  $N$  neutrons of the core vanishes only when the spins of the neutrons are saturated. However, for cases such as  $^{12}\text{C}$ ,  $^{28}\text{Si}$ ,  $^{32}\text{S}$ ,  $^{48}\text{Ca}$ , ... where the neutron shells are closed only in the  $j\cdot j$  coupling sense, the term  $\langle V(p, N) \rangle$  should be taken into account.

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