

Errata

Erratum: Mean values of powers of the radius for hydrogenic electron orbits
[Phys. Rev. A 9, 1087 (1974)]

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It has been brought to my attention that a general expression for $\langle r^s \rangle$ has been published by S. Pasternack.¹ He also gave the formula connecting expressions for positive and negative powers of r .

¹S. Pasternack, Proc. Natl. Acad. Sci. (U.S.) 23, 91, 250(E) (1937).

Erratum: Interaction between a spin-1/2 atom and a strong rf field
[Phys. Rev. A 10, 1955 (1974)]

T. Yabuzaki, S. Nakayama, Y. Murakami, and T. Ogawa

Equation (1) should read $\vec{e} = \vec{e}_x \sin\theta + \vec{e}_z \cos\theta$.
 After Eq. (6), fourth line, for $n - n'$ read: $n' - n$.
 In Eq. (16), for

$$PV \frac{Q}{E_c - \mathcal{H}_0} V \frac{Q}{E_c - \mathcal{H}_0} PV$$

read:

$$PV \frac{Q}{E_c - \mathcal{H}_0} V \frac{Q}{E_c - \mathcal{H}_0} VP.$$

In Eq. (29), for ω^2 read: ω^3 . In the line after Eq. (30), for $\sin\theta$ read: $\cos\theta$. In Eq. (36), for 3 read: 3^2 . Equation (38) should read $\sin\theta = 0$. In the first line in the right-hand column of p. 1960, for $\omega_0 = 2n - 1$ read: $\omega_0 = (2n + 1)\omega$. After Eq. (30), sixth line, after Eq. (40), fifteenth line, and in the twenty-third line in the left-hand column of p. 1961, for n -photon read: p -photon. After Eq. (40), sixteenth line and in the left-hand column of p. 1961, twenty-fourth line, for ω_1^n read: ω_1^p . In the right-hand column of p. 1961, nineteenth line, for "in the direction of the z axis, i.e., perpendicular" read: "in the direction perpendicular." Figure 1

is in error; the correct figure is shown here.

These errors do not affect the result presented. We wish to thank Professor Lyman Mower for bringing some of these errors to our attention.

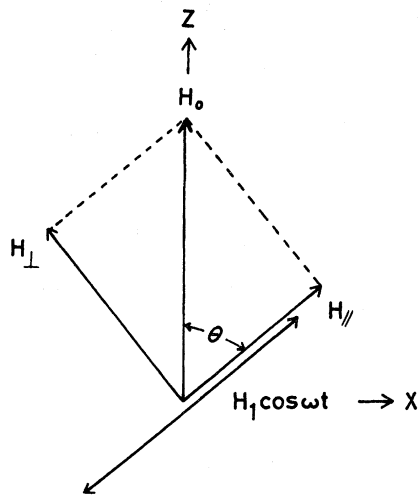


FIG. 1. Directions of magnetic fields.