

---



---

**ERRATA**


---



---

**Erratum: Quantum projection noise: Population fluctuations in two-level systems**  
**[Phys. Rev. A 47, 3554 (1993)]**

W. M. Itano, J. C. Bergquist, J. J. Bollinger, J. M. Gilligan, D. J. Heinzen, F. L. Moore,  
 M. G. Raizen, and D. J. Wineland

PACS number(s): 03.65.Bz, 32.80.Pj, 32.30.Bv, 99.10.+g

In the introduction of our article, we stated incorrectly that the author of Ref. [1] claimed to have found a case in which the experimental predictions of the Copenhagen and the statistical-ensemble interpretations of quantum mechanics differ. In fact, he claims only to have found a *formal* difference *within* the quantum formalism, which is, however, not measurable. That he does not claim the difference to be measurable is made clear in a later article [2], which also addresses various criticisms [3]. We regret the error and thank Dr. Pavičić for bringing this matter to our attention. None of the conclusions of our article are affected.

---

[1] M. Pavičić, in *Problems in Quantum Physics II, Gdansk, 1989*, edited by J. Mizerski *et al.* (World Scientific, Singapore, 1990), pp. 440–452.

[2] M. Pavičić, *Phys. Lett. A* **174**, 353 (1993).

[3] D. Home and M. A. B. Whitaker, *Phys. Lett. A* **160**, 325 (1991).

---

**Erratum: Direct numerical approach to electron-hydrogen scattering. II.  $L > 0$**   
**[Phys. Rev. A 50, 2327 (1994)]**

Y. D. Wang and J. Callaway

PACS number(s): 34.80.Bm, 34.80.Dp, 99.10.+g

On p. 2330, between Eq. (27) and Eq. (28), one line is missing in the published article. The missing line should be: “for  $l > 0$ , we derived [1].”

The sentence should read:

For  $l = 0$ , Poet [14] obtained the difference formula

$$[-36 + 54hZ - 16(hZ)^2]f(h) + [18 - 9hZ - (hZ)^2]f(2h) + h^2(15 - 8hZ)g(h) + h^2(\frac{3}{2} - hZ)g(2h) = 0 ; \quad (27)$$

for  $l > 0$ , we derived [1]

$$2^{l+1}[hZ(l+3) - (l+1)(2l+3)]f(h) + [lhZ - (l+1)(2l+3)]f(2h) + 2^l(l+3)h^2g(h) + lh^2g(2h) = 0 . \quad (28)$$