Da: ees.pla.89af.31e7ff.9ef6ff4c@eesmail.elsevier.com per conto di Alexander Eisfeld [PLA@excitons.eu]
Inviato: sabato 13 giugno 2015 21:40
A: michele.marrocco@enea.it
Oggetto: Editor query PLA PLA-D-15-00904

Journal title: Physics Letters A
Corresponding author: Dr. Michele Marrocco Article title: Quantum states from Maxwell's theory of the free radiation field Manuscript number: PLA-D-15-00904

Dear Dr. Marrocco,

although I find your work interesting, I agree with the final statement of Reviewer #2 that "it should be shown that the constant <beta> is numerically equal to the known value of Planck's constant." I think that the appearance of the quantization factor 2n+1 and the conservation of the intrinsic angular momentum is not very much surprising.

However, if you can convince me that you can disprove the criticisms of the Reviewers, then I will sent out the manuscript for review again.

Kind regards,

Alexander Eisfeld
Editor
Physics Letters A

Customer By Email (michele marrocco) - 25/05/2015 01.03 PM

Dear Editor,

I thank you for the prompt answer and, what is more, I understand your decision. I also feel that unfair comments against my work have been made by the Reviewers. Therefore, I would like to write an appeal and I kindly ask you the permission to act so.

I know that, being an Editor of an important journal, implies a lot of responsibilities. However, I only ask to give me an opportunity to reply.

My appeal is based on the firm belief that I can easily disprove the criticisms made by the Reviewers. Just one example is the following. The first Reviewer, in trying to demonstrate one wrong sentence of mine, writes that "the gauge-invariant part of A (cf., vector potential) can be measured in a Bohm-Aharonov setup". But, this comment is manifestly inaccurate, because what is measured in a Bohn-Aharonov set-up is a phase difference in signals of field intensity or equivalent signals of real observables. The vector potential A is never measured directly. However, the measured phase difference is interpreted thanks to the vector potential (actually, path integral of the vector potential). This becomes evident as soon as one reads

the fundamental experimental works on the Bohn-Aharonov effect. A couple of examples are Tonomura et al. Phys. Rev. Lett. 56, 792 (1986) or Bachtold et al. in Nature 397, 673 (1999). Therefore, I was not wrong: the vector potential is never measured directly.

I have other examples of inaccurate remarks made by your reviewers and I can give clear reasons. If you are so kind to let me write an appeal, I will be immensely grateful to show that the physics I have used is rigorous and not arbitrary.

To conclude, I repeat myself in saying that I understand your decision and, furthermore, I will understand the confirmation of your negative decision even if you prefer not to reply to this email.

In any case, I thank you for having given me an opportunity although unsuccessful.

Yours sincerely,

Michele Marrocco

-----Messaggio originale-----
Da: ees.pla.0.317778.b4d047ef@eesmail.elsevier.com
[mailto:ees.pla.0.317778.b4d047ef@eesmail.elsevier.com] Per conto di Physics Letters A
Inviato: domenica 24 maggio 2015 21:34
A: michele.marrocco@enea.it
Cc: PLA@excitons.eu
Oggetto: Your Submission PLA-D-15-00904

Ms. Ref. No.: PLA-D-15-00904
Title: Quantum states from Maxwell's theory of the free radiation field Physics Letters A

Dear Dr. Marrocco,

Reviewers' comments on your work have now been received. You will see that they are advising against publication of your work.
I agree with their judgment and therefore reject the manuscript.

For your guidance, I append the reviewers' comments below.

Thank you for giving us the opportunity to consider your work.

Yours sincerely,

Alexander Eisfeld
Editor
Physics Letters A