

01 November 2005

Dear Saurav Dwivedi,

I do thank you for submitting your seven manuscripts to IJQI. Regrettably, however, they are not suited for publication and therefore I must decide that they are rejected.

I appreciate the diligence and determination of your work, so well documented by these manuscripts. But unfortunately they do not meet the standards requested of publishable work. Let me comment on a few aspects of “A theoretical study of  $\psi$ -waves” for illustration. Similar remarks apply to the other manuscripts as well.

To begin with, you should clearly state what is the physical meaning of the object of study, here:  $\psi(q_\alpha, t)$  of Eq. (1). Most certainly, it is *not* a quantum-mechanical wave function that would obey a Schrödinger equation (SE). Rather, as implied by Eq. (3), which is the classical Hamilton–Jacobi Equation (HJE), you are dealing with an exponentiated classical action. As a consequence, Eqs. (15) and (16) — which are really twice the same equation repeated unnecessarily — are simple and immediate consequences of the HJE and your definitions, but they are *not* statements about quantum-mechanical wave functions, and you cannot derive the SE from the HJE.

What follows in “A theoretical study of  $\psi$ -waves” is merely an exercise in rewriting equations, which contain the same information that is already present in the HJE with which you start in Eq. (3). Allow me to be frank: I do not see anything that could be potentially useful in the whole manuscript.

Prior to future submissions to IJQI, or any other journal, please take to heart the following advice. Study carefully the well written papers in major journals, and pay due attention to how they are structured and how the matter is presented. There ought to be an Introduction that tells the reader very clearly, even when concisely, what is the problem that you are studying, why it is interesting, and how you go about it. The main body of the paper must have a clear exposition of your work, with the starting point well spelled out, a presentation of your reasoning that the reader can follow without being burdened by irrelevant technical detail, and a discussion of your results in the context of the pertinent literature. A paper should end with a Summary and perhaps an Outlook.

Further, bear in mind that it is considered very bad style to attach your own name to some results, such as the “Saurav equation.” Your peers will name your results after you if such a naming is appropriate, and only your peers can do that.

I am sorry that I do not have better news for you about those submissions to IJQI and hope that you’ll cope with the disappointment and continue to work hard. Remember that good work is always rewarded eventually.

Best wishes,

Berthold-Georg Englert  
Managing Editor  
International Journal of Quantum Information