

Review of: "Electron Wave Spin in a Cavity"

Nishal Rai¹

¹ Sikkim University

Potential competing interests: No potential competing interests to declare.

The Authors have studied the Dirac equation in a 3-D potential, an extension of their previous work. The extension seems quite concrete and deserves to be published with the following minor comments being addressed.

1. For the ground state, does the current density have a ring torus structure, and is the charge density spherically symmetric?
2. In addition to this, how do these two quantities look if one considers the higher energy states?
3. It would be a nice addition if the authors would discuss the effect of the mass.
4. Adding the axes to the plot will be well received by the readers.
5. Can the authors elaborate on the application regarding quantum devices?