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#### SDI Review Form 1.6

Journal Name:	Physical Science International Journal
Manuscript Number:	Ms_PSIJ_25894
Title of the Manuscript:	The four aspects of matter and radiation
Type of the Article	Original Research Article

## **General guideline for Peer Review process:**

This journal's peer review policy states that <u>NO</u> manuscript should be rejected only on the basis of '<u>lack of Novelty'</u>, provided the manuscript is scientifically robust and technically sound.

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#### PART 1: Review Comments

	Reviewer's comment	<b>Author's comment</b> (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors
		should write his/her feedback here)
Compulsory REVISION comments	The Author has a consistent approach to the PtR approach and has developed an excellent paper. However the author needs a proper epistemology to back the paper. It is important that the implications of an orthogonal transformation of the space	
	coordinate to a time coordinate be taken into	
	Dipolar Byronic frames to unipolar Byronic frame and tachyonic frame results in a consistent particle- antiparticle system with polar states on a Riemann Sphere. However, the Principle of Relativity does not allow one to be able to state information can be gained about a co-moving frame at superluminal velocities and indeed an antiparticle state relative to	
	a Byronic frame. For example an electron-positron pair moving apart at superluminal speeds would	
	violate the conservation of charge unless charge is not inverted by the PtR or simultaneously inverted.	
	This creates a problem since the entire world of the observer comes into play. Note also that if one takes the point of view that the causal space of the	
	observer does not include the co-moving frame, then that frame is essentially considered to be in an	
	unobservable space that is essentially spatially independent yet time associated with the observer	
	Consider this to be a Mobius transformation of a	
	dipolar state to a monopole state with the co-moving	
	observer at a relative spatial infinity ( cannot be observed at superluminal speeds and is essentially at	

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	the observer's spatial infinity). I agree with the basic concepts of the Author's theory but would like to point to the fact that a theory called "The Principles of Causal Conspiracy" essentially deals with the epistemology the author needs and is about information re-orderings due to tachyonic frames (information between dipoles that is expelled so far off as an illogical outcome that it cannot be viewed in our space). In essence a tachyonic state for an observer is no different than a state that has been Mobius transformed from dipole Byronic frames to a monopolar Byronic frames in which the observed states is essentially at spatial infinity on a parallel antiparticle spatial membrane a moment in time away. I highly recommend that the author read on this point of view. Otherwise it is an excellent treatment of the subject.	
Minor REVISION comments		
	reference to PtR theory.	
Optional/General comments		

#### **Reviewer Details:**

Name:	Michael M. Anthony
Department, University & Country	Department of Engineering, Fourah Bay College, Freetown, Sierra Leone