

## Notes on work.

Am writing this to verify some material I have put up on Vixra. Thankfully with the work being slightly avant garde Vixra supplied a place to publish. I have just finished a physics major, after, as I said I had some formal training.

I will supply references for the work and I apologise for some frivolent hand written material. Special thanks goes to Leonard Susskind for his brilliant lectures. I recommend students watch his videos and perhaps experienced physicists would enjoy them too. Also Bernie Willdberger for his clear demonstration of topological concepts. They were presently clearly and I used them in an early article on the topology of the Cartesian fields.

Some early material, together with later articles may present a quite coherent picture of the nature of reality, especially that reality is a logical entity, not really physical in the everyday sense. I have endeavoured to find a way for testing experimentally the presence of the field but to no avail. Some of the early work is philosophical in nature and I believe that physicists should take the time to be philosophical.

Some of the material is slightly in err but that is the nature of scientific exploration. I supply a few details below. I would like an experienced physicist to use the material, clichéd or not, to further the ideas. The work seems to supply some reasonably good insight into the nature of logic and reality.

A few of the annotations I would like to make are

Using Anti – Information and the defined entropy in general relativity we have  $E = 1 \setminus (X - \beta(t)X)$

Where we can vary X and  $\beta$  to produce both contraction and expansion, remember the role of X and  $\beta$  such that they can vary

and be inverted. Also in the elementary “A detailed analysis of Geometry” the function for spacing grids is  $f(m)$  not  $2m$ . This was a silly mistake. The operator  $\alpha$  in matrices or  $(m,n)$  may be very useful in analysing the nexus of grids and matrices in reality.

It is the authors belief that matrices and tensors are paramount in reality, and also other components of the expression of  $I$  (the logical space). Curving and manipulating the reference frames that the grids can supply, perhaps of any size, and the notion that any element of  $I$ , that is any universe can be place as elements of a tensor is a worthy idea., Together with later articles and early ones this may present a quite coherent picture of the nature of reality, especially that reality is a logical entity, not really physical in the everyday sense. It must be noted that when I began the early articles I was not experienced and not particularly serious. I would like for an interested person to attempt to connect abstract equations in matrices (tensors) with reality and the multiverse.

The role of massless, free floating strings in reality should not be ignored and should be thoroughly examined especially in regard to consciousness – that is what we see and think. Though massless they may still supply vitae or a form of energy.

If anyone would like to say hi I can be contacted at [jpeel6942@gmail.com](mailto:jpeel6942@gmail.com) or +61481957610.

YOURS SINCERELY

John Peel