Why should we combine white holes and monopoles?

We should combine white holes and monopoles to:

- Solve the mystery of monopoles and electron charge quantification
- Understand how white holes influence electrodynamics through understanding them as monopoles

How do we know monopoles and white holes are the same thing?

The Kerr metric for black holes enables black holes to have magnetic charge and thus a black hole can use magnetism to influence its surroundings. Therefore, we simply utilize that fact that the equations of General Relativity are temporally symmetric to understand the white holes would also have magnetic fields and thus produce magnetic fields like a magnetic monopole would. This way we can treat white holes and monopoles as been effectively the same in many contexts.

Why does the mass behind the omnipresent white holes not “crush” the universe?

The reason why the masses and contents behind the event horizons of white holes does not explode the universe with stuff is do a very simple but profound mathematical and logical idea- it is not absolutes value of things that matter but the relative difference between things. If the output from white holes can be well described in perfect symmetrical where for -1 unit off of the center of symmetry there exist a 1 unit off center that perfectly balances each other. In other words, most of the white balance each other out in a process that is commonly called in physics destructive interference. This means that for every white hole that would deposit X into our universe there also exists a white hole that would deposit -X into our universe and that combines with X to create 0, no change. In other for X or -X to actually become real tangible things in our universe an asymmetry has to be created that allows for X (or -X) into reality while denying -X (or X). This means that only in situations where asymmetry is applicable will white holes actually deposit there contents into the universe.

We can model this asymmetry as producing space in phase space to which enables a white hole to deposit its contents into the universe. In this sense the Second Law becomes the Law of Asymmetrical Action: Only asymmetries can allow white holes to deposit information/matter/energy into the universe.

We need to also reconsider and expand our definition of matter and by extension gravity. In Newton’s idea of gravity came from considerations of mass which he

considered to be quantifiable form of inertia literally. Newton's equation motion for acceleration is A=F/M where A an object's acceleration, F are the vector forces pushing an object, and M is inertia. Inertia, by definition is resistance to change. Newton was stating mathematically that as one increased an objects inertia it would decrease it acceleration. Acceleration is by definition the change in velocity. Therefore, inertia decreased an objects ability to change its velocity.

Newton then assumed that an objects inertia is the same as its weight. Newton's formula for gravitation is F= G * (M1*M2)/r^2. F is the force gravity accelerating an object, G is Newtons constant which is simply an empirically found constant to make the equation work with observation. M1 and M2 are the masses of object 1 and object 2 respectively and r^2 is the distance between the center of masses of each object. What Newton Formula is stating is that as the inertia increases in object 1 or 2 the force of gravity increase. As state in some of my other writing gravity has this unique feature as entropically funding a lot of physical actions that would other not be possible. This goes back to the very beginning at the Big Bang where it was only along the gravitational degrees of freedom that Entropy could grow. Furthermore, even in our modern day, it is the massive force of gravity at the center of the Sun which enables it to undergo atomic fusion and emit light and heat. Without gravity enable that process the energy and entropy which sustain life would not be possible.

These ides and considerations of gravity lead this theme of understanding gravity as an anti-inertia force. The fact that gravity is what entropically fund the entire universe since the big bang is massive empirical point in this favor. Furthermore, it has been in the first formula of gravity that gravity grows in response to inertia.

Extending this idea, we need to understand that mass fundamentally refers to how inert a system is. An inert system shall be defined by the tenets of the Second Law- a system is perfectly inert when it has reached Entropic saturation in phase space such that it can undergo no more physical action e.g. it cannot change. When state of perfect inertia occurs then gravity steps into open up phase space and allow more physical action to occur which comply with the Second Law.

Einstiens famous formula of E=m*c^2 is only true when all of the momentum of a system has reached 0. A more correct formula is E^2= (mc^2)^2 + (pc)^2. In this formula c refers to the speed of light in a vacuum. This more complete

formula simply states that the square of the energy content of a system is its momentum times c squared plus its mass squared times c to the fourth power. For light, which has no mass, all of its energy content comes from its momentum. When a system has reach 0 momentum then all of its energy content has to be in its mass. A system can have 0 momentum because it entirely possible for a system with momentum P to hit a system with momentum P- where P+P-=0. This means that when system has reached no momentum then it has become, be Newton's understanding maximally inert. Without the force of gravity this state of inertia, I believe, would be permanent.

Now I believe this maximal state of inertia is what fundamentally defines superconductivity. Thus, when a superconductor his cooled or put under the massive pressure of a diamond anvil what is going on is that whatever momentum of P the system has the cooling or pressure mechanism is supplying a momentum of P- to get the system to 0 momentum. What happens is in the state of 0 momentum the influence of white holes raises to add their information and the information of their singularities to the system.

How the white holes deposit their information do this can be rationalized in a number of ways. The truthfulness of any one way will have to determine through empirical investigation.

A black hole forms which "pierces" the event horizon of a white hole and then form a wormhole between physical reality and the information of the singularity originally behind the white hole. Normally it is thought black hole formation needs huge amounts energy to create through Einstein's E=mc^2 where E/c^2 = mass of a system. This huge mass requirements typically requires the masses of supermassive stars to create black holes. However, this is not quite true as it is the mass per unit area i.e. volume which enables the formation of black hole. Using the Schwarzschild condition and definition of a black hole we have that the radius, r of a black hole is given by r= 2*G*M/c^2. G here refers to Newton's constant, M is the mass of system and C is the speed of light in a vacuum. If the mass of a system is allowed exist at lengths equal to or beneath its Schwarzschild radius then it is black hole. This means that a lot of mass is not actually required to make a black hole, it is simply required that any mass assigned to a system is not allowed to congregate into densities which would fit within the Schwarzschild radius. Therefore, when we are considering the saturation of the electromagnetic field where I do not even believe it is fine if the

mass of a single electron can concentrate itself into space of Schwarzschild radius then a black will form.

Am I using naked singularities to explain consciousness?

Yes I am. While there are plenty of casualty question that matter to a theorist in how God/Nature is able to avoid time traveling paradoxes from an empirical point of view naked singularities are not a problem. If we live in a universe where we there are naked singularities then we do and it is a simply a fact. Put another way, however God deals with the casualty problems is God's problem. What I am trying to show and determine are the conditions on which intuition, life and consciousness arises. Therefore, as long as I can demonstrate experimentally when this notions become physically manifest then the other theorical issues are just that theoretical not empirically and for the reason for not being empirically they are also not scientific concerns.

Why does using naked singularities make sense?

I ended up having to use naked singularities because they provide the mechanism to allow for creative orginal throughts outside of the rigorous mathematical confines of General Relativity. What this means is that when a person thinks of a point or a line segment they are do just that thinking of just a point or just a line segment. Humans do not have to consciously consider the non-linear dynamics which underlying the biological functioning of their brain to order to organize their thoughts to see and consider things in their mind eye. I believe that when a person imagines a number line, it is simply that a number line without anything else attached to it. This means that this number line is not the same or inequivalent to the geometry of General Relativity(GR). Therefore, if we believe it to be true that a person thinking about a number line is not also, somehow, consciously thinking about the geometry of GR then I believe using singularities to explain these inequalities is necessary.

Good Description of Black Holes/White Holes

If a Black Hole is a hole so deep that nothing can get out a White Hole is a mountain so tall no one can reach its summit. When the two then cross together they create a wormhole where the special dynamics of the their singularities interact to produce conscious experience.