

Journal of Theoretics Vol.5-3

Guest Commentary

A Contrary View of Time - Part II

glen angus graham redshift@senet.com.au

Roger Penrose is currently in the throes of trying to create an experiment whereby the superpositional state of a single photon is maintained for longer than 1/10th of a second. Loosely translated, a photon in a superpositional state is a photon in two places at once, or should I say, in two motion vectors at once. When I read of this in an article in New Scientist (Goodbye Schrodingers Cat), I punched the air and yelled WHoo Hoo! Go Roger! If he can succeed in this experiment, it will support my theory that matter doesn't have a true free flowing motion. It is literally a frame by frame type of animation, exactly like we use to create motion pictures. All matter moves by teleporting itself incredibly small distances at incredibly high rates but at a relativistic rate that we are unable to detect. From our perspective, the motion is stepless. Today, before your very eyes, I shall attempt to prove that all matter and motion in this universe is in fact a time driven phenomena (time x relativity). That in fact time is crucial in every way for us to be able to view the universe and for the universe being the way we view it.

In a previous [Comments Section Vol.4-1](#) "A Contrary View of Time", I very carefully suggested that we are over-simplifying time by saying it was purely a relativistic by-product of matter in motion. I claimed it to be integral to the existence of matter as well as motion. Like all good duality states, this is both true and false at the same time. Relativistically speaking, it depends on your point of view as to whether or not time is critical or secondary. Let me try to explain.

Take the superpositional state of a photon. Spooky action I believe Einstein called it. How can a photon, electron, or an atom possibly be in two places at once? The answer lies in taking the fundamentals of relativity, especially special relativity and then dissect the problem using Ockham's Razor. Analogy time....imagine the photon as a light bulb. Imaging we are trying to do a special effect for a movie whereby we have two light bulbs on at the same time, yet we only have the current draw for one light bulb being on. This is how you would do it. Film each light bulb being switched on separately. Leave a period of time between each light when neither light is on. Now, you will have to calculate it all so that the gaps in time that you create with no light on, are adequately spaced so when you play the film of the lights being turned on separately at high speed, it will look like they are both on at the same time. Because the current draw is also being switched on and off, in a perfect world you would only be drawing enough current to power one light, whilst two lights are on.

Everything about the quantum world can be quite accurately analogized by using the simple time/frame-rate methodology. What is a photon? Ever seen a photo of cars driving at night on city streets? When they leave the shutter open, all the streams of car headlights turn into one single pulse of light. When you add what we know about space/time curvature over a great distance and how special relativity tells us that time dilates over a great distance, its not hard to see this as a way of explaining how a quantum reality can be

in two places at once. Time being the critical factor in allowing this phenomena to occur from our relativistic perspective. Distance/Size Duality means anything as small as a quantum particle/photon has to be also an enormous distance away due to the laws of relativistic space/time curvature. The atoms in your thumb nail are relativistically billions of light years away from the atoms in your thumbs knuckle bone. Time dilation is how the whole universe works. A gravity field is a relativistic time environment, no matter how large or small the gravity field is. If you spin a propeller fast enough, it would become solid. This is how an atom can make objects solid. $E=mc^2$ is really talking about or studying the effects of motion on the relativistic passage of time within an atom. You become more massive when you accelerate because your relativistic time dilation is speeding up, like the propeller, and you are becoming solid relativistically compared to everything else that isn't traveling at the same speed as you.

In other words, all matter is made up of billions of little spherical propellers, and motion through space/time causes the propellers to spin faster and become solid. This is how a sparrow will smash through the windshield of a jet fighter and kill the pilot. Relativistic mass doesn't care who is actually traveling fast. The time dilation states of difference between the sparrows atoms and the jet fighters atoms are on different planes.

In the famous two slit experiment, we witness that 50% of the photons pass through one slit and 50% pass through the other slit. In a quantum superpositional state, we appear to have a photon in two places at once. This is a good time for another analogy. You computer cannot really multitask. What it does is a little bit of each problem in turn. Imaging you have to knit 5 scarves. You can't knit 5 scarves at the same time...or can you? Whilst filming yourself, knit one row on each scarf in turn until you have finished all scarves. Then play the film at high speed and you see yourself knitting 5 scarves all at the same time. This is how a computer does it, and I am beginning to unavoidably conclude it is also how mother nature does it. Ockham's Razor tells me so.

Why do 50% of all photons always pass through each of the two slits? When we create AC flows (electricity), 50% of the electrons flow one way and 50% flow the other way, hence the name Alternating Current. For a photon to be in a superpositional state it makes sense that it is flowing to one point, then back to the other point, then back and forth very quickly such that we see it as being in two places at once. It all depends on what a photon truly IS! It is a quantized packet of "energy". Sounds like a bunch of car headlights on fast-forward to me!

So the duality state of time creating matter, and matter creating time is hopefully starting to form in your mind. To give the appearance of motion-free superpositional states, we need animated motion of a very high speed sending the one particle back and forth between two separate vector states. That's right, just to make it harder to grasp, the photons are not sitting still, they are traveling at relativistic light speed along two separate vector states. I'm still struggling to compress how relativistic light speed works into a brief essay, so until then you are gonna have to hold your breath or something. But we are fundamentally talking about boxes within boxes reality here. Motion creating a dilated time state from one relativistic perspective, and a dilated time state creating motion from the other relativistic perspective. Which came first? Neither or both? I can't make up my mind.

So reality is all about time. Imagine this, nothing in the universe is in motion. What would happen to photon emission and absorption rates in a universe devoid of motion? Relativistic motion as I see it, is effectively an adjustable resonator for the universes population inverter! I don't have time to talk you through it today, but logic tells me that a

universe devoid of motion must ultimately end up as the same reality as a singularity. It takes a lot of progressive logic to get to that conclusion, I'll try and write it up and submit it for publishing here in the journal.

A comet passes through all four quadrants of its orbit in the same amount of time, regardless of the fact that each quadrant of its orbit is different in length. The reason for this has to be space/time density in each quadrant. The matter the comet is made of, has to "touch base" on all space/time densities in its orbit. Analogy time: Think of a gravity field (space/time curvature) as being made up of stepping stones. Every atom of the comet has to spend 'x' amount of time on each stepping stone, but time taken to travel from stepping stone to stepping stone is zero. It's instantaneous!

As it gets closer to the sun, the space/time density increases, namely, more stepping stones all getting progressively closer together (Inverse Square law) as we get closer to the sun. So each atom of the comet are playing a gigantic game of follow the leader. Jumping from stepping stone to stepping stone, the same amount of time spent on each stepping stone, is non-existent (instantaneous). This basically means the shorter distances in close to the sun have more stepping stones and so takes longer (relativistically speaking only) to pass through that territory. Imagine a clock face; now stretch it out into an elliptical shape. The hands of the clock still stop at each number, its just the numbers are stretched far apart from say 11 round to 4 and are bunched up together from 5 round to 10. Time still passes evenly between each number, regardless how far apart they are stretched.

Energy states could then be said to be a bit like a poker machine. The number of lines you play represents the energy state of the matter. The odds change and the paths you take get 're-wired' when you undergo a change in energy. You get a whole new set of 'stepping stone' circuits to follow.

- Without the present time, we have nothing.
- Time dilation could be said to using time past to give us our relativistic reality.
- Time future means simply we haven't finished our journey from point A to point B.
- Time future disappears when we arrive, and I suspect, so does time present and past.

* * * *

Quantum Theory gives me the opportunity to explain that the photons and particles that make up matter, exist due to a combination of 'superstrobe' time dilation and the fundamentals of wave/particle duality. Remembering that they basically need each other to exist.

I believe that G-Forces are the key to the whole problem. I'll try to explain that by being able to accelerate matter without G-Forces occurring, will enable us to send that matter through space without it being subjected to the fourth dimension known as time ('superstrobe' effect).

Put simply, to travel in time, we must accelerate without experiencing G-Forces. Doing this could be said to be the relativistic equivalent of my opening comments.

Acceleration is a "change in direction", relativistically speaking, in regards to space/time curvature which is subject to the inverse square law. For matter to be matter, according to my interpretations of how everything works, then it must be in the orbit of SOME gravitational source. I.e., nothing travels in a straight line.

If I am correct in my theorizing that 'gravity' is simply a 3D equipotential electric field, then an orbit is a relativistic energy state. A closed circuit of a probability wave energy that we see as a singular state of matter, due to time dilated 'superstrobe' effects which effectively limit all velocities to a maximum speed of 'c' (186,000 miles/sec).

G-Forces are experienced when we are moved from one closed circuit of probability wave energy state to another. Whether due to an increase or decrease in energy, when we are subject to acceleration (a change in relativistic direction - orbital path), we are effectively placed in a superpositional state across 'many' closed circuits of probability wave energy states. G-Forces are the accumulative gravitational forces that exist in all of these closed circuits we are experiencing all at the same time. Once we stop accelerating, we settle back into a singular closed circuit of probability wave energy state.

All matter here on Earth has a probability wave energy state that *wants* to be (or really should be) in a lower orbit within the Earth's gravitational field. We fall (or plummet) due to the 3D equipotential electric field nature of gravity, trying to 'repel' us back into our correct orbital path, due to our 'current' relativistic energy state. The space shuttle overcomes this by raising our energy state such that we achieve a sustainable orbital state above the Earth's surface.

So put simply, acceleration is a shift from orbital energy state (closed circuit probability wave) to another, whilst passing through, or settling into, every conceivable orbital energy state in between, all at the same time.

Outside of our relativistic universe, all matter would be time dilated such that it could not be seen in real time. It would be subject to the laws of quantum mechanics. This means the superstrobe effect that governs 'time' in our universe (and the existence of matter) is the fundamental reality the 'keeps' us in the 'present'.

Acceleration without G-Forces would (should! *gulp*) place us in a state 'outside' of this superstrobe effect, and remove us from the 'present'. The present is actually conscious reality. It is the universe, it is the passage of time and motion of matter, and the existence of matter, that are all limited by travel velocities no greater than the speed of 'c' (186,000 miles/sec).

So, enveloping matter in an energy field (state) that isolates it from 'the present' should then enable us to relocate it in time and space. I don't know yet what happens in this state or how we would affect a forward or backward travel through time, but it seems to be the most simplistic, logical interpretation of the problem that I can think up at this point in time.

Note: I noticed Paul Davies has a book out at present whereby he tries to explain how time travel could be achieved. I haven't read this book yet, mainly because I wanted to have a crack at explaining it myself first, before I absorb his concepts. I would like to take this opportunity to thank Paul Davies for his efforts and contributions to the first "festival of ideas" in Adelaide a few years ago. I learned how to trust my instincts and go with my gut feelings and always cross check everything with basic logic.

[Journal Home Page](#)