

$$E=mc^2. \quad E=m(EM). \quad \text{Finally!}$$

physics is breaking free of the stranglehold of rigid relativity.

meta-relativity has made significant headway towards reconciling twentieth century relativity and its non-sensical paradoxes, with quantum mechanics, which has its own problems with conceptualizing what is actually going on, making it seem like paradoxical nonsense until the re-think of relativity commenced. quantum physics has been on the right track. quantum mechanics, with its strong indications of faster than light phenomena, has forced a re-think of twentieth century relativity. like newtonian physics before it, relativity is facing an update. and like newtonian physics before it, einstein's relativity is not being contradicted and thrown out, but updated to reconcile it with superluminal light. quantum mechanics and theory broke the ice jam of rigid relativity, an oxymoron, i know, but the term applies, to the old **RIGID RELATIVITY**. quantum mechanics and theory unleashed a flood of confusion and magical thinking, along with denial for a hundred years. but the verdict is now overwhelmingly in. light is unleashed!

[THE SPEED OF LIGHT IN OUR LEVEL OF THE COSMOS VARIES](#)

[FROM ZERO TO 34.6 BILLION MILES PER SECOND.](#)

we now know that superluminal stuff is the very bedrock of reality. we know what came before the big bang too. and i think you're gonna love it. wormholes don't exist, but something better actually does, and you're really gonna love them! black holes do exist, but they're just cosmic garbage cans dumping matter into the ZPF, the zero point field. this is not new age mumbo jumbo. this stuff comes from legitimate scientific papers, re-written into actual english. just so you know, write this down, or repeat it as a mantra, because i'm sticking to it:

ordinary language is perfectly capable of expressing the so called mysteries of science.

once some of the eggheads actually figured out what their equations actually mean, the re-think of relativity began, but quietly for awhile. like galileo and copernicus avoiding being burned as a heretic or a witch, or whatever, excommunication, reputation had to be conserved as a priority over even the sacred law of conservation of energy. careers have been invested into rigid relativity, forming a kind of priesthood in science. quantum theory, when taken seriously is blasphemy against the old priesthood, yet quantum theory won't go away. it has proved reliable. it is why you can read this on a computer screen instead of paper, if you wish. and like books do not go away because of the internet, relativity does not go away because of its update to describe the superluminal.

our cosmos has a ceiling composed of a bath, a plasma of matter and antimatter. its kind of a firewall between us and the dimension above us. it's an electron-positron plasma, a kind of **IPF, infinity point field, WHERE LIGHT IS UNLEASHED**. there is an actual antimatter universe above us, opposite in charge to ours, hence the electron-positron mixture in between. in this IPF, the speed of light varies around a speed of about **34** billion miles per second, not actually infinity. you will notice that that number represents approximately the square of the speed of slow light when light is interacting with matter. it seems light has a superlight state in areas of the cosmos which provide a medium free of protons, in which it can just zing through it less obstructed, if it has sufficient energy. and this silly myth that light has an exact constant speed regardless of the energy it has, even when in deep space with fewer protons to dodge, than in our neck of the cosmos? well, light is real, not math number, it has real substance and momentum to it, so with sufficient energy, when it runs out of frequency room to push that extra energy into, as in high energy gamma radiation, it will push up against that speed limit a bit, pushing a little past it, and when the resistance of whatever stuff is in that area of space pushes back hard enough, that is as fast as it will go. we do not know the density of particles, real stable ones, or the unstable quantum fluctuations, which exist in the vast voids between galaxies. light definitely picks up speed in those voids, probably significantly past "C". light is speeding up and down all the way here from the vast depths of space. it goes a constant speed here because it is here, in this spacial density. we only measure light speed here. of course we get very stable, nearly fixed constant speed here. and that is the key difference in meta-relativity. it is finally understood that light is dynamic, not a fixed number in an equation, it has a physical reason for going only about 186,271 miles per second when interacting with matter in our rather cool, actually cold area of the cosmos, only 3 degrees above absolute zero kelvin. do you know how hot the big bang was? beyond comprehension!!! light came out of that primordial object, what ever it was, so packed with energy beyond all the zeroes we can type on all our keyboards, on earth, in a thousand years. and there was nothing there to slow it down. light around here is rather tired light, if it weren't of course it would overwhelm any possibility for stable atomic structure. an atom can't grab a gamma ray.

now, the IPF, interestingly, is probably a flat plane because the number is "squared". but that is not the real reason. nature is what it is, and it is real, it is dynamic, not numbers. our equations

are approximations, most of them are just averages. we pick certain numbers which refer roughly to something real and dynamic, and label it a constant to simplify our calculations. nature doesn't care about our math. and no, the cosmos is not a simulation or a hologram, though those models do offer some insights, there is a little truth there.

now, back to the ZPF and the IPF. the quantum fluctuations in our area of the cosmos are fed by superluminal filaments from distant parts of the cosmos. the quantum uncertainties which heisenberg is so famous for are physical jiggings of subatomic particles, which do in fact have EXACT LOCATIONS IN SPACE AT ALL TIMES. they are too small and jiggle too fast for us to track them. the virtual particles which they say pop in and out of existence, they do not annihilate when they disappear. they are from the upper (antimatter universe) which is orders of magnitude finer structure than ours, and exponentially superluminal compared to us. there are no religious angels. immortality is a natural part of our evolution. that universe is so far more evolved than us, we cannot comprehend at this time. most definitely immortal. they are gods compared to us. most or all of them have likely migrated into what we could call an energy existence without atomic structure. if not, they have no problem extending life indefinitely, with backups in case of accidents. but that is not likely for them. we can nearly do that ourselves in the coming centuries. our religions are not that far off the mark in that regard. definitely superluminal beings from our frame of reference. now, here is where meta-relativity comes in. einstein is still with us. he was not wrong, except for his ABSOLUTE constancy of light. but now relativity extends to the superluminal. from they're perspective, even though superluminal to us, they are subluminal relative to each other. it is a law of nature within each layer of cosmic evolution. all universes have an absolute, inviolability of the speed of light sort of. you can't exceed the speed that light is going in your neighborhood. however, very, very likely, visitors from the universe above us can zip through here so fast it looks like teleportation. and certainly, our early ancestors would call them angels or gods.

we too are superluminal to them, but apparently it's rather a kind of negative superluminality. we are so, so slow and so, so big relative to them, they can only navigate in our neural nets in our brains, to make contact. and most of the time they travel through our brains, it is just space travel to them. if they arrive in extremely large numbers into a person, they might be able to allow a person at our level to perceive a hologram of them as if in our dimension. but they usually, probably, don't even know they are flying through a person. we don't even appear to move, we are so slow.

there are no actual uncertainties in nature. nothing unreal exists, as Mr Spock so wisely said.

there is truly a vastly different dimensional scale there. not the magical, nonsensical and impossible geometries of phantasy physics. the entire cosmos at all levels is absolutely, literally three dimensional. four or five or ten or any other geometric spaces are categorically and perceptually impossible. you all know that! we've gotten too use to watching movies, or have done too much LSD. the 90 degree angle between the electric and magnetic aspects of the electromagnetic spectrum, light, is absolute proof of this. and sorry albert (einstein), but i know

you agree with what i am about to say. you basically said it yourself. remember, albert, when you said you didn't understand your own theory anymore, after it was translated into four dimensional Riemann geometry. you were right, sorry. four dimensional space is perceptually and categorically impossible at any level of the cosmos. it doesn't exist. but, albert, it was a great strategy to define light as an absolute constant, to simplify calculations and have a thought experiment. you brought us forward. we stand on your shoulders, but we must face the conflicting evidence, and move forward.

with relativity translated back into the legitimate three dimensional geometry, the only valid spacial geometry, the speed of light in standard relativity slows in a gravitational field, effecting the vibrational rate of the atoms there, shrinking the length of rulers, and us, everything, and slows down the clocks, and us, relative to areas less effected by gravity. and no you don't live longer near the speed of light, you scoop in too much of the ZPF and fry. and you don't travel in time past the speed of light. you just don't exceed the speed of light. it is impossible until we can find a way to use the incoming ZPF flow at the front of the craft as fuel as we approach light speed, thus leaving a real vacuum in front of us through which there is little resistance. our clocks won't slow down because that ZPF flow won't be there to enter our clocks and our bodies to alter the vibrations of our atoms. we will experience a superluminal boom as we pass the lightspeed of the less effected void around us, just like the recently discovered evidence of superluminal booms in deep space, only smaller. we won't actually be traveling faster than light, but rather, we will be consuming, transforming ZPF as fuel and exhausting it out behind us, thus forming a real vacuum in the front of the craft where light itself, and we, can go faster. we didn't violate causality when we went supersonic, we just got there quicker. and we won't violate causality when we make our first superluminal boom in a spacecraft, we will just get there quicker. causality itself is superluminal already.

it is a buffer sheet separating the antimatter of the higher frequency universe above us. very likely, the sheet is actually formed into a sphere, with the universe above us actually inside our layer. now, this is tricky to explain. the antimatter universe above us, is actually inside us. inside our universe. physically. not in any mystical way. so the roof of our universe, so to speak, the EPP, electron-positron plasma, is actually way smaller than the floor of our universe, which is likely a proton-antiproton antimatter plasma, not unlike the EPP in the firewall above us. both are spheres. the floor of our universe is not yet fully formed. matter, falling into black holes actually heads toward forming that floor. that is associated with what we call the zero point field. now this is a kicker and probably can't be expressed in english yet. it maybe forming a kind of sludge at this time of our cosmos. this cosmic floor is best understood to be what we refer to as absolute zero.

physics experimenters have successfully slowed light to 38 miles per hour near zero degrees kelvin. that's minus 459 degrees fahrenheit. grab a coat, a warm one. that's absolute zero where atoms stop moving. but a strange, crazy, mind bending thing happened when they were able to coax an experiment to dip just slightly below the minimum temperature of our universe, zero degrees kelvin, it flipped to virtually infinite high temperature! they left no explanation in

ordinary words, of how such a crazy thing could happen. but it is obvious. the atoms utterly collapsed like they do in black holes. we're not talking just electron shells here, they were already shut down by the low temperature. the protons collapsed, and certainly the neutrons. that's not rocket science. this is the only way to explain absolute zero switching to absolute hot. we're talking here about the kind of temperatures of our own big bang about 13.7 billion years ago. and here's the thing. it explains a lot. our cosmos is getting ready to start another layer outside of us. or you could say, another universe will be forming below us! now this will not occur on a short time frame relative to our time here in this universe. a hundred years here might be a billion there. we don't have any idea yet of the relative size, thickness of each layer. without that, we can't yet figure out time conversion. we know only that events developing below us, outside of our universe in the next layer, will creep along so slow relative to us, that it might seem almost frozen in time, very slow motion. and of course we can't yet see that far out. but we will. we need to be able to look through the superluminal filaments somehow, the strings on which our galaxies are strung, like strings of pearls, to start getting a peek way out there, to see what is actually happening now out there, not billions of years ago.

by the way. our universe is stabilizing. it will never collapse. already, our black holes are feeding the floor of our universe, and when the antiproton proton plasma ZPF is full, pressure will build, and it will burst out another big bang outward, outside of our shell. we won't feel it. our universe is creating that one. it will be a humongous sized antimatter universe as the next shell out. it will actually help stabilize ours for eternity.

counting in our kind of years, i don't think we can find enough zeroes to represent its relative size compared to ours. but in an essentially infinite number of our years from now, they will crawl up out of their muck, worship GOD, not knowing it is us, and eventually imagine that their universe started with a big bang, which it will, but they won't know that we are sitting here safe in what they call that singularity which started their layer. remember, most of those black holes out there in our layer have been feeding our outer floor for billions of years now, which means building the pressure needed for the big bang that will initiate the next layer. personally, just a hunch though, i think their big bang may already be happening, or soon to start, as our black holes feed it.

the coming heat death of our shell of the cosmos will not be the end of us, well, not all of us. and even those left behind, will someday have their opportunity in the next shell down, outward in the void. what if you still have a billion years to ready yourself and loved ones? what if only a thousand years? what if less than one year?

this is not a religious paper, so let's get back on track. under VSL, variable speed of light theory, a translation of relativity into three dimensional geometry, the speed of light decay may be flattening out. it's too early to tell, but if this sustains, it could be an indication that our universe is stable, will not eventually turn back on itself, and collapse into a hot dense end as had once been thought to be a possibility.

instead, it will continue expanding, assuming it is expanding, and suffer a very long dragged out heat death, as the speed of light continues to drop, but so gradually it will not be even noticed, unless we go back to defining speed of light against dynamical time, instead of the relatively new method of defining it as constant, and changing the length of a meter instead. that's right. they now define the speed of light so that by definition, it doesn't change, the meter changes, all the while using the same number for the length of a meter. it's now locked into circular reasoning. thank GOD meta-relativity is already here, or our circular reasoning could have prevented us from making that breakthrough.

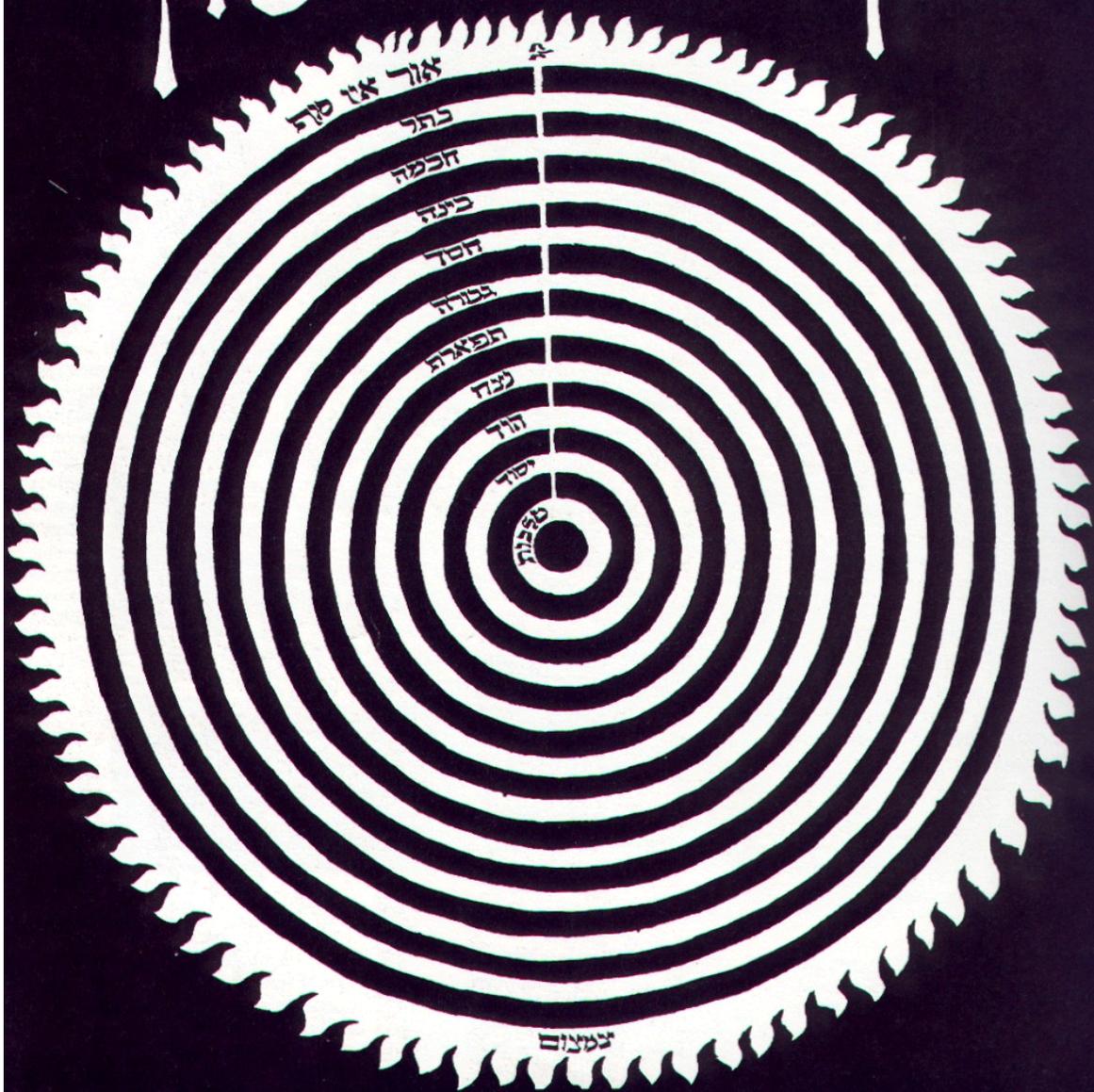
all of space will gradually continue to cool until atoms begin to shed their electrons because of collisions, atomic nuclei begin to break up into smaller atomic nuclei because of collisions, eventually leaving only plasma which will continue to thin out and cool further.

after this progresses very much further, there will be left only hydrogen and helium nuclei and traces of some of the other lighter nuclei. the billions upon billions of black holes have already been collecting garbage for billions of years, but this will be the main dynamic as during this final stage of our shell of the cosmos at this point, only protons and electrons and loads of neutrinos are virtually all that is left, until all matter is vacuumed into the black holes and converted to ZPF, feeding our cosmic floor, which will build enough pressure to explode outward, instantiating a new big bang outward.

the only life remaining in our layer of the greater cosmos, what we call our universe, will be life which has successfully crawled up out of matter into the IPF.

the best way to visualize the greater cosmos in its entirety, is as a three dimensional CD, a compact disk. interesting indeed. a sphere of concentric shells is not unlike the two dimensional rings of the Ein Sof.

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למעשה

