

# QUANTUM FIELD THEORY.

Well, I know I miss more than hit.

With a face that was launched to sink.

And I seldom feel the bright relief,

It's been the worst day since yesterday.

If there's one thing I have said,

It's that the dreams I once had now lay in bed.

As the four winds blow my wits through the door.

It's been the worst day since yesterday.

Falling down to you, sweet ground,

Where the flowers they bloom, well, it's there I'll be found.

Hurry back to me, my wild colleen.

It's been the worst day since yesterday.

my jaw dropped to the floor this morning, and my socks flew out the door without me. when i read that a photon can be 4 meters in size, i said to myself, i'm starting over in physics. imagine a thin puddle of light the size of the room you are in. and imagine that it is one photon, not many, and not made of parts of any kind. an entire new perception of reality just sucked into my little head, not unlike field energy sucking into a point particle. i think it is worth exploring, the possibility, maybe likelihood, that the wave function collapses in quantum mechanics may be fully real, and that reality may be fundamentally, completely, or mostly nonlocal. but there are degrees of nonlocality.

there is subatomic fuzziness of the locations and movements of electrons and photons. maybe half of physicists attribute that to our inability to make precise measurements because the measurement process disturbs what we probe. yet, a hundred years of probing still brings fuzzy results. thus, half of physicists now believe a large portion, or most of the fuzziness is inherent to what we are attempting to study, meaning the subatomic stuff actually isn't localized like things are in our world, but actually spread out by nature, like the field around a magnet. or like the gravitational field around the earth. in fact, this has been confirmed by double slit experiments, and perhaps other methods. photons, electrons, and even so called matter particles, go through slits and land on detectors in patterns which strongly suggest, they say proves, that in whatever form the stuff went through the slits as, the stuff contains information about the testing apparatus, the slits, locations of detectors, and even whether a human has looked at the results yet. spooky. surely, localized particles can't collect that information.

now, when we say something collects information, we don't mean there are little guys with pencils, from horton hears a who, living in there, jotting down notes. we mean that whatever goes through the slits nudges against the slits and is modified in some way. it sort of scopes out the entire room. it vibrates differently, or is deflected, or something like that. even if detectors are placed just down range from the slits, the so called particles, even if they don't go through a slit, land on the detectors further down range in the apparatus, in patterns which demonstrate the stuff had interacted with the slit, even though it didn't take that route.

so, they used to say it superpositioned. they say wave/particle duality. they say if you detect it, or look, it goes where you detect, or look. they even say it went there because you looked there. they even say that if the detector detects

it, but no human looks at the results, the detector didn't detect it. as if the particle or wave looked into the future to see if a human will read the results, and only IF the human read the results in the future, will the particle hit the detector now. i can't speak to that stuff, except to say this seems to suggest an awareness field interacting with other fields. its weird enough already.

aside from the possible, though seeming hard to believe, human awareness interaction with the experiment, the wave/particle confusion can easily be discarded, if the stuff which passes through the slits to the detectors is inherently, thoroughly, a field phenomenon. like magnetism. fields are real. we know that. any child who has played with magnets knows that. light, electricity, and magnetism are aspects of the electromagnetic field, which is utterly non-physical. it has to be, because it propagates in a vacuum. gravity too. there is no graviton particle. graviton is a field. if it weren't, gravity would have no effect outside our atmosphere. sound is physical vibrations of air, which is why there is no sound in outer space.

clearly, atoms act like particles. detections surely happen in a point like manner in the double slit experiments, with light, electrons, and even matter, apparently. but it seems like it is time to think anew about why this happens in the crazy ways it does. according to quantum field theory, there are no particles whatsoever. there are fields. energy in fields is absorbed at points in atoms. since our detectors are made of atoms, we get pointlike detections. but those points line up into patterns demonstrating possession of information which particles could not have collected. reality does not take turns being particle or wave. it is all fields, and excitations of fields looking like particles. fields wrapped into standing waves, behaving for practical purposes like particles.

#### SPECIAL RELATIVITY.

disturbances in the electromagnetic field, apparently inherently, cannot propagate beyond a velocity of about 670 million miles per hour. that's the photon field. in quantum field theory, photon is a field. there are no photons, plural, except in the sense that regions of a field can be in more or less states of excitation, disturbance, or interaction with other fields. a detection or absorbance of light is not "a" photon, in the sense that it is not just the point-like detection location. this may add a whole new dimension to special relativity, perhaps explaining it more, that is, the spatial distortions of appearances of observed objects in QFT make more sense if the objects don't have precise locations all along. a detection is absorbance of a quantity of field energy. fields are real. they rejected the aether concept because the concept was flawed. it was a classical, matter based concept. the photon field is substantially independent of matter. it doesn't need matter as a medium. it is said to be non-physical in the sense of not made or dependent on matter. but, it is real, just as real as granite or water, but different in nature. it is physical to itself though, everything is physical to itself. waves or disturbances of any field are limited by their own natures, and sometimes by fields with which they interact. waves in water will not go supersonic except in extremely forced conditions. they wouldn't be waves anymore anyway if a fast massive supersonic aircraft or object hit a body of water. it would be a spray of water into small micro-droplets driven along with atmosphere at high temperatures. water vapor in atmosphere. not waves of liquid water. light is like a liquid in some ways. just food for thought.

#### TACHYON FIELD. FTL. FASTER THAN LIGHT.

nonlocality is a word used to skirt light speed violations in physics, as if to sneak it in under the special relativity radar. but FTL is all through quantum physics. let's get over it. the LAWS of physics are real, we get it. finite light speed is a law, but like laws on our roads, they vary in different situations. wave function math collapse in quantum mechanics is considered instantaneous. it has been for a long time. i guess they get away with superluminal because it is just math, in QM. BUT IN QFT, quantum field theory, wave function collapse is real absorption of field energy into pointlike locations of atoms. and if QM is not totally wrong about that instantaneous thing, then the propagation of field energy into pointlike locations, in QFT, might be FTL? WHOA. not sure about this. any TACHYON field must be extremely discriminative in how it interacts with matter. if any such thing is happening in the absorption of energy from the photon field to the electron field, it would need to be extremely, surgically precise. logic suggests to me, QM is wrong in this instantaneous crap. in the tiny spaces of atoms, what's the problem with the slight delay caused by going ONLY 670 million MILES per hour?

the universe is not stupid. it is a highly unified system. that much we have confirmed. the unity across the cosmos is real, the laws are enforced. but they are enforced with built in governors, like an aircraft tug that, though it has plenty of power to haul a large aircraft, and thus enough power to go 90 miles per hour by itself, has a gearing mechanism making it impossible to catch up to a bicycle with an old lady pedaling. fields are made of some kind of real stuff. we can't detect that stuff directly, only when the fields make contact points with matter. but nature somehow, has selected the right substances, non-atomic, with the right viscosities and potential vibratory qualities, to limit the field's reach, just like that aircraft tug and its gearing system. obviously, nature has tachyonic fields maintaining necessary consistencies out billions of light years distant. and obviously, tachyonic field interactions are highly restricted access with respect to fields which have more local purposes. and if the tachyon fields are real, as seems necessary, the interactions with more local fields, has to do with overall, very large scale structure, perhaps mostly oneway actions imposed onto spacetime structure, with little back interaction allowed. otherwise, strong local fields could destroy the overall cosmic system. tachyon fields must be of such subtle substantiality that space-time doesn't even know it is there. yet it is probably space-time's cop in some inherent way. physicists flee from tachyon field suggestions, fearing causality violations, not seeing the other side of the argument. tachyon fields may actually protect AGAINST causality violations. rather than being seen as a threat to temporal order, they may be a large part of the cause of temporal order and overall development.

for example, we know matter, our kind of matter, has very limited interaction with the overarching tachyonic systems. that's right, i said systems. get over it. the cosmos works. it is a system. i will not speculate too often how it became systematic, but it is.

photons sent through slits are obviously large entities of a field, with unitary wave functions, carrying energy in organized, distributed form, because when detected, the little dots form patterns as if they know what they are doing. experimenters used to feel like cosmic tricksters were messing with them. so they just grit their teeth, shut up, and calculate. fancy math too, and it works. obviously somehow, the cosmos figured out this math long before we came along. and there is purpose in all this. life is real.

in quantum field theory, there is a photon field, an electron-positron field, a proton field, a gravitational field, and many more. let's picture this in 2D for now. imagine a stack of 25 sheets of paper. one sheet is the electron-positron field. on top of that is layed the photon field layer. a few sheets away, the graviton field layer. now of course, in the actual cosmos, the layers are 3D, embedded as if mixed together, but just as wireless broadband internet frequencies fill space together, frequency bands are distinctive, with different wavelengths and frequencies, as if separate. and each field is likely formed of different subtle substance. you can't make anything out of math or information only. you can't make cars or computers out of pure math or information. substance is required. hardware. but in the case of the universe, the information exists as subtle, non-atomic substance, invisible, but real fields.

nature is a well designed system. let's not argue about how it got that way. nature obviously layed the photon field sheet, in our 2D way of visualising it, right onto the electron field sheet. the interactions there are continuous. what i mean here, by the sheets in close contact, is probably something like close frequency, wavelength, and quantities of energy appropriate for the purpose. everthing in the quantum world seems to be in discreet amounts. if the quantities of energy, wavelenths, frequencies, and so on, of two fields don't match, no interaction happens. its strange. its yes or no, no half happenings.

obviously, the graviton field sheet is well separated from the photon sheet, but very close to the proton sheet. photons have zero mass. protons and neutrons have most of the mass, and thus gravity. but that's the higgs field sheet, for mass, they say. can mass exist without gravity? you'll have to ask nature that one. is the higgs field sheet right on top of the gravity field sheet? not sure, but they must be close.

are you getting the picture here? everything is fields. nothing exists but the fields. matter exists and has properties if certain fields are interacting. space exists and has properties all over because certain fields are sustaining it.

credible physicists are beginning to see holographic principles in reality, suggesting that our reality is somehow projected from somewhere. some claim everything is projected from a distant cosmic horizon, and only seems real. this seems unlikely, since it would all have to come in FTL. faster than light. billions of times faster. and how would it get stepped down to STL, slower than light, and then into bound standing waves, atoms, making reality seem hard, solid? preposterous.

quantum field theory seems to suggest reality may actually be more like broadband wireless internet. but to get internet, you need hardware. atoms obviously, are the parts of the hardware. they are obviously operated by the fields of electromagnetism, the graviton field, etc. those fields are obviously not billiard ball like particles. they are non-physical, non-atomic fields, since they need no medium to propagate. but what of matter, atoms? they are mostly empty space, but are atoms projections from matter fields? not sure. it seems possible. a constraining field of some kind might bind other fields into standing waves. would have to be powerful though, that's why they call it the strong force.

now here's the thing. i can't grab a cloud with a pitchfork. i might be able to scoop some of one up with a parachute. this is to say, for a field to effect another field, it has be of about the same consistency as the field it is to effect. how do you wrap light around and atomic nucleus? we already mentioned that the photon field does not interact hardly at all with the graviton field, or at least not the higgs field. the electron field is tight with the photon field though. and the electron field interacts with the proton field. so it all works.

but are protons really focused in continuously from a proton field. i hope so. i want it that way, for reasons i'll mention sometime, probably a different paper though. unfortunately, they may not be projected, focused from a proton field. they are extremely stable. modern cosmology claims they were produced in the big bang and will outlast the universe. they may be more like pre-existing hardware. fields are wispy.

the thing is, they say protons are all the same, everywhere across the cosmos. nature apparently only needs one template for all of them. how does nature keep them all the same? we could use a cheap word like entanglement, but that is no different from magic, or FTL projection from a distant cosmic horizon. if there is some principle so inherent that nature itself did not actually come up with it, but merely makes use of it, then perhaps, protons could be cooked up in the big bang and let loose to forever wander, unchanged. but what about length contractions at relativistic speeds? they get squished. is that okay? maybe.

the thing is, protons are said to made of unstable quarks. unstable means they can't be particles on their own. this suggests a quark field which is stable as a field. so instead of a proton field, a quark field sustains the protons. QM claims molecules have done the double slit two step. if true, then QFT would say the molecules can collectively move into the field as field phenomena. QM has already been claiming that for some time now, that the macro world is every bit as quantum as the micro domains, just not noticed. not noticed because our senses cannot see fields directly, neither can our detectors. our detectors are made of atoms. our bodies are too. but our atoms are formed of fields. this next part seems strange, but all of this together suggests that the lamp on your night stand is all over the room, and so are you. your QFT perceptual field detects and interacts with the fields in the room, including your distributed body, localizes your perception of your body as just around your conscious focal point, and fools you into thinking it is localized just there. it is statistically centered there, but is also spread out all over the room. the fields of all the other things in the room, which are all over the room, statistically distributed, are then arranged perceptually to appear in places you can make sense of. sounds like bullshit to me too. yet i accept it. don't ask me how.

## CONSCIOUSNESS.

this is the big one. without an awareness field, formed of extremely subtle substance, there would be no overarching field to interact very finely, to direct your perception in such a way as to perceive a location for objects which are spread out all over the room as fields. this awareness field must have a relation to movement in time. if all this nonsense is so, and i think it is, then when you jump up and scoot across the room, within the general area where you are actually spread out already, you are not really moving, your QFT

perceptual field is relocating your perception of where you are. now of course, it is unlikely you are also spread out all the way to the k-mart three blocks away. when you make longer range movements across town, your fields are drifting along with you. then, you are really moving. or i should say your fields are moving along with you. but the smaller movements of arms and legs, and perhaps within ten or twenty feet of you, are not actual movements, but just refocusing by the perception field, of where you perceive yourself and arms to be. all your parts are distributed, literally in the general area around you. that's why you can suddenly move your limbs so fast on a whim. they are already in all the locations immediately around you. now imagine a rapidly spinning gyroscope under this QFT scenario. a gyroscope is field distributed all over the room. then you start it spinning rapidly. now the outer edges of the gyroscope are actually spinning in our ordinary sense of reality. the field, which had this non-spinning, nonlocal, field distributed field reality localized in perception, is actually approaching physical nonlocal status around its edges. this must make high demands on the perceptual field adjustments to locality appearances. has this something to do with inertial effects of gyroscopes? a centrifugal force is felt outward, orthogonally outward away from the center of rotation. it feels as if the object is attempting to spread out in space, delocalize, but can't because its internal bonds are strong. same thing with linear acceleration. when an object is in acceleration, it is constantly being forced out and away from its small local reference frame in which it is spread out non-locally, where it can move without moving. its field state cannot fully keep up with it, forcing it to contract into more actual localized existence, in which it now has to actually move, instead of merely shifting perception of where it seems to be. so force is required.

it's been the best day since yesterday. i may have conceptually unified special relativity with quantum field theory. or perhaps i am just an arrogant, grandiose son of a B. never stopped me from trying.

let's postulate a location field, LF, in QFT which interacts strongly with the perception field, PF, and the photon field, PhF. let us say space-time, ST, is actually LF interaction with the PF and PhF. and let's postulate, as is reasonable, that fields have large but limited capacity. and so, we can suggest that at high velocities approaching the speed of light,  $c$ , and in strong gravitational fields, GF, the interacting corrections of the interacting LF and PF, overloads. the question arises, why would strong GF interaction and approaching  $c$ , both overload the LF and PF capacity? well, in strong gravity, there is a lot of matter, a lot of complexity of things going on, thus the PF-LF is very busy pretending objects have locations. and approaching  $c$ , actual location change, along with dragging the frame of the excited fields along, is forcing very fast realignments to perceptual locations within the zone of the moving reference frame of excited field interactions trying to maintain a consistent classical appearance. field interactions overload as if mass has gone to infinity.

now imagine yourself in a rapidly accelerating racecar. as long as you are accelerating, you feel pressure against the back of your seat as if being forced against it. just like you feel as if the ground is pulling you down, gravity. the feeling of being pushed against the seat while accelerating is because your quantum fields are a bit behind you during acceleration. if you slam on the brakes, decelerating rapidly, the feeling of being pulled forward is because your sustaining quantum fields are then a bit ahead of you. now to gravity. we are made of atoms as is the earth. earth and us on it are actually fuzzily located like everything else. but you, if sitting still relative to the earth, are perceptually centered in the statistically likely location in the middle of your fields where you are actually distributed. but you are not centered in the most statistically likely location of the earth, its center. the fields of the earth and your fields are in an argument about where you are. they compromise by interacting with the probability field excitations of each reference frame, yours, and the earth's.

now. constant velocity. why don't you feel pushed against the back of your seat while cruising at constant speed on the highway at 60 mph. for that matter, also at 500 mph in an airliner. when you reach cruising speed at 60, or 500 mph, the location field interacting with your fields has processed that you are on a vector motion, and you move smoothly with your fields keeping up effortlessly. the location field no longer needs to process, as long as you don't accelerate or decelerate away from the center of your moving fields.

this paper may solve to some degree, or at least relate to the still unsolved mystery of how consciousness interacts with the brain and body. it doesn't. your brain especially is nonlocal. literally. it is perhaps the biggest illusion of all. the awareness field may likely be the longest range field of all. you can be aware of vast distances both in space and time. your brain may not be in your head at all! the perceptual field localizes awareness of it there. this may seem confusing. in QM, the statistical likelihood of your brain being in your head is near 99.9%. but in QFT, your brain is definitely all over the place, long range. but definitely, the QFT perceptual field, locates your perception of it as between your ears and behind your eyes, because the perceptual field itself has you located in that body, at that lifetime.

the universe must also have a probability field. because if a person is dead, and a doctor does an autopsy, they find the brain there. even though it is not. nothing physical made of atoms actually has definite locations. just general areas of the field.

### WHAT IS GOD?

i wasn't planning to touch this issue in this paper. but i drifted near to it, with the possible perception field. consciousness is different from perception and general self awareness. what we call GOD may not be conscious, strictly speaking, from a scientific perspective. i hope no one is offended. i suggest here, that the cosmos system is useless, apart from life. without life, nothing is going on of any value, just meaningless, activity, without even being noticed. a lifeless universe may not even be possible. i'll touch on that in future papers. in any case, life has been produced by this system. life desires to prosper. it is capable of great joy and achievements. it has somehow been produced by the interacting fields, and is the only phenomena of significance in all the cosmos.

in all likelihood, some kind of life has actually led to the accumulation of the quantum fields. probably, the most expansive long range field of all the quantum fields, is a basic, general, non-specific, awareness field, very subtle, probably tachyonic field, which does not interfere, with life, but is associated with all life, as a background self-awareness field, shared by everything. it cannot die or change. it is not conscious in the sense of focusing locally, or incarnating specifically, but is always shared by all things, even rocks. it may not perceive, as in focusing attention on specific stuff. it may not think, or analyze. never calculates. it's just there as a witness background awareness, but it doesn't know it is there. it doesn't judge. but it is why, behind it all, it is possible for any creature, or human, to be self-aware of existence. this is not conscious self-reflection. but its presence in all life, as an empty, silent awareness background, is the fundamental reason there is anybody home, somebody in there, so to speak. its presence, along with the perception field which focuses any life form's ability to perceive out of the nonlocal fields making it up, a perception of being localized, sapiens sapiens, reflective self consciousness, is possible because the general awareness field interacts with the perception field of each creature. a kind of self reference frame relationship. it must be tachyonic, extending even outside of the universe, because it must be the same entity, if we can call it that, common to all life. the universe is not stupid, why have many copies of something which all must share in. it is the most unified across all space and time of all the fields. it is a simple field, probably with little information required to propagate FTL. in general, because of our knowledge of computer networks, we can make this speculation. like nameservers around the world for the internet, it sends little information, but is absolutely necessary for all the life purposes of the cosmos. the only purpose of the cosmos is life. there can be no other purpose for the cosmos other than having experiences. if utterly no kind of awareness anywhere in the entire cosmos is having experiences, what's the point?

i think it's a solid, reasonable guess to say that, very likely, the basic awareness field was the first to come into existence, before all else, if there was a beginning, ever. it is difficult to not think there was a beginning for this field, though we may never know. remember, this is a very vague sense of awareness. it must be, or it would interfere with the minds and experiences of the life that has it as background awareness. if it is not significantly superluminal, it would need local servers throughout the cosmos, such as in galactic center black holes or places like that. plus, we have very good reasons to believe black holes are entangled at all levels of the cosmos. protons may be micro black holes. so there you have it.

now i try to avoid the holographic, computer, network model, HCNM, most of the time, talking instead of quantum fields, QFs, and event horizons, EHs. but they sure look identical, except ours are hosted on atomic structures, the cosmos hosts everthing on EHs and processes through fields.

the HCNM is concrete for us and is likely the only reason we can make any sense of a cosmos whose nature never was what we belived before. if EHs really are the cosmic hard drive, they are well named. horizons which record every event. true akashic records. its amazing ancient peoples imagined this before modern physics and cosmology. of course they anthropomorphized it all, in their own image. interestingly, modern cosmology still can't escape the anthropological principle.

if protons really are superpositions of macro black holes, and if their EHs really record all events, then we have a cosmic network. from there, we can naturally speculate the need for a tachyonic field, an FTL field, to tie all the EHs together, making all records available throughout the cosmos, though behind EHs to protect space-time causality. data may fall in, but may not willy nilly, ad hoc, come out to disturb the space-time perception of reality. classical, perceptual reality is thus protected, always relating to relevent reference frames. without this, no being could experience a private reality with chosen friends, it would all come at everyone at once, blurred out of specific perception, not unlike the general awareess field, background awareness, silently lying behind the minds of us all.

## now, a very brief cosmology, origin of existence itself.

out of absolute nothing, but perhaps a ruminating, originating, primordial emergence of the general, non-specific, existential, QFT, awareness field itself, a proton emerged and superpositioned fractally. completely entangled, mediated by the fastest tachyon field, the cosmos in simple form existed as cosmic EH and at the same time as every proton EH. whether or not our entire, vast cosmos and its EH could be a proton in an exxxxxtreeeemely extended space, or not, is beyond even GOD's perception. we would have no idea of what relative level we exist in. but now, THAT would be a MULTIVERSE. level would mean nothing anywhere or anywhen.

if you want to piss off the relativists, tell them there is an absolute rest frame and time index, the proton-cosmic-fractal-entangled event horizon, and it runs apple software,

not windows. ; - )

but of course, the inherent inability to locate ourselves as to what level, brings relativity back in.



NOW, BACK TO SPECIAL RELATIVITY,  
WITH A QUANTUM FIELD MODULATOR.

come with us on a thought trip to alpha centauri. assume we have a crew of six who get along well, who do not mind a year together isolated from the rest of the world. we have a spherical craft the size of a house inside, with a one year life support capability, comfortable sleeping and living quarters, showers, a food matter reconstituter, and an inertial space deceleration modulation engine, ISDME, which does not accelerate us through space by applying thrust through space behind the craft, but instead changes the shape, size and location relative to the ship and us, of our puddle of quantum fields. remember quantum nonlocality, the fact that normal matter is now understood to be actually in field distribution at all times.

the craft is set way out in the desert, to avoid disturbing the quantum fields of anything around the ship. the day before, we had taken some journalists, and a couple of relativity theorists, on a tour through and around the craft, explaining some of the concepts of (non) propulsion, said a fond farewell to loved ones, since they "might" be quite elderly when we return, but we were quite surprised by the tone of the group. they were, about half of them, more interested, and quite amused actually, by what they thought was a strange layout for our little, soon to be, home away from home. the silly questions they asked: why are there upside down and sideways chairs and tables on the ceiling and walls, and why don't you have flat floors, except the one floor there? why isn't it shaped like a rocket? why do you call the ceiling the altered-floor?

early the next morning, we strap in on the lower, ground side of the craft, the only flat floor, for start up, run a diagnostic on all systems, and begin the process of spinning up the inertial space acceleration modulation engine, ISAME, set it to neutral quantum field bubble interaction, and engage the quantum field emitters around the ship. we share a few jokes about the reporters, to whom we had given a tour of the ship the day before. all they did the whole time was stare at the upside down and sideways furniture in wonder.

we begin some pre-modulation checks, slightly modulating the fields, first within the ship, feeling the weird acceleration forces in different directions, feeling dizzy at times, then take a break to avoid that damn FSS, field shift sickness, they call it now. we then begin deforming the external fields around the outside of the ship. two crew members monitor external views of our little egg, as we now refer to it. go to neutral external field you idiot, chad barked, as i couldn't contain my chuckling glee. i had pulled down the tent he left outside, thirty feet to the northwest of the outer hull, by distending our quantum fields toward the southeast of us a bit. you ass, he said. well, it's working chad, we had to test it, didn't we? ya it works of course, this is not a test, just warm the damn thing up. another three hours of this, and we'll have our little egg into its own inertial frame, and ready to downlift.

four hours have passed, and we finally have our actual reality, of us and our craft, quantum statistically distributed in space more below us than around us symmetrically. sitting here on the ground still, feeling two Gs of acceleration downward, space modulation specialist becky turner has had enough of 2 G grounding. float the damn thing, will you?

here we go. everybody get ready for rollover. GOD this still feels crazy, facing down as we go up. in early testing of this system, they used to unstrap from their ground seats, climb to the ceiling, and strap in upside down before floating the ship. now we just stay in our floor seats, roll it over and hang there on our alternative floor, we call it, anxious to re-modulate the fields, for deceleration up out of earth gravity? hey beck, can you believe the press still can't get their minds around why we say we decelerate out of earth gravity? guess you gotta sit in these chairs a few times, before it sinks in.

roll over complete, hanging in our upside down seats, chad pushes the lever slightly, which deforms the ship's area quantum fields to distend a little skyward below our feet. very slowly chad, or you clean the puke off the consoles this time. that feels better, gravity again. we're now feeling half gravity normal, up, HGNU. take it to three quarters chad, three quarters gravity normal, up. the ship is now feeling one quarter gravity external down sir. thanks beck. chad, leave it there awhile, i can't stand this transition. i'm just glad we have no windows on this damn thing. feels like virtual crazy still, being upside down with gravity up three quarters, and down one quarter outside.

just to make this clear, think of it this way. the quantum field sky column above us is gonna pull us up away from the ground, because we have decentered ourselves relative to our own, distributed quantum field states. we call it deceleration away from planet, because we are not pushing stuff out behind us like a chemical rocket. we push our quantum fields above the ceiling of the spacecraft, which we are sitting on in normal relative internal gravity. the fields are in an egg shape extended a bit toward the sky. the QLF, quantum localization field, wants us localized quantum statistically in the center of our fields. by default, the quantum probability field will always localize us in classical perception, which feels every bit real, even though we now understand this crazy shit. when localized in the center of our actual distributed field state, we feel no inertial forces. by moving our distributed field above us, our quantum localization function continuously keeps relocating us back toward the center of where our fields are, and we keep them distended in the direction we wish to go. quantum gravity manipulation. we seem to go up, and we do, because the earth renormalizes the space around and under us as we ascend. we fall up, feeling up gravity relative to the earth, down gravity inside because we sit on the ceiling during ascent. but from our perspective, up from the earth is down toward the sky for us. its still confusing to me, getting oriented is still an issue. zero gravity in the old days was nothing compared to this. this is damn unintuitive. its true we are actually accelerating upward toward the sky, just like people on earth are in downward gravitational acceleration normally. anyway, we call deceleration away from planet, to get our minds around this phenomenon.

this might really work. i'm writing this a little a story-like, and a little like sci-fi, but this crazy stuff is starting to feel possible. could it be? could all acceleration forces be caused by decenteredness of our localization relative to our quantum fields. the concept is sound, in full agreement with quantum field theory. but i doubt the governments are trying this yet. wow, if they are.

i wanna live forever, or at least a hundred more years. that would make me 162 years old, still feeling like a ten year old boy, looking out at the sky.

decades ago, i did something like i am doing now, trying to get my mind around something. planning my first sustained inverted flight, without permission from anyone at the flight school, poor walter, my arobatic instructor, my brother and i were trying to get our minds around the fact that the flight controls, the ailerons and rudder of the cessna 152 arobat, would work backwards when upside down. my mother saw me standing on my head, leaned against the couch for balancing, while i visualized that while upside down, the down aileron on the wing would raise the wing toward the sky when inverted, but the rudder would be perceived to work nomally.

anyway, i was able to visualize in my mind, confirming that the aileron and rudder flight controls would need to be crossed rather than coordinated together, for a normal turn while inverted. GOD knows why i didn't tell walt of my plans, the answer would have been no f,ing way.

imagine if one day you got in your car, and took off driving, only to discover that someone had rigged the steering wheel to turn the car left when you turn the steering wheel right. that is the situation when flying inverted. and hanging there upside down in the harnesses, trying to keep my feet up on the rudder pedals, instead down on them helped by gravity, inconvenient.

of course, being a bit too bold in those days, there i was over seneca lake, the designated training area for chemung county airport, here in upstate new york, after my first sustained inverted few minutes. i did what the training manual said i should, and shut down the engine, inverted at probably 12, 000 feet. extra room above the ground is a good practice when doing aerobatics, in case you lose it, flat spin or whatever, and need to recover before you make a small airplane shaped hole in the ground. walt and i actually got into a flat spin once, attempting a double snap roll. we only got a snap and a half, ended up falling out inverted, which converted into a flat spin. you should have seen the look on walt's face. and the blurry look of the outside environment, the horizon, as we spun flat. flat spins are technically impossible to recover from, so walt and i are two of virtually no one alive who has entered one. we jockeyed the throttle and rocked it out into a down spin, and dove, then pulled out of the dive in time. by in time, i don't mean he approaching ground. we had to keep the wings on. we actually got out of the dive without pulling more than 4 Gs. it's called pulling Gs because internal gravity increases when you pull back on the yoke, the control wheel.

anyway, here i am now, trying to get my mind around this deceleration away from planet crap. it's the same inverted situational reasoning that made me need to literally stand on my head in the living room, to understand how to cross control, turn left yoke to go right. now, in quantum field propulsion situations, here i go again. very unintuitive still.

in quantum field theory, we really are not located in one spot, like our senses tell us. we are spread out in the fields around our general area. and we can probably learn to relax those fields out further, giving us more room to teleport within our usually small field

zone. you see, our senses lie, that is what they are for, to give us a classical perception of reality so we can hunt and gather and function as if not distributed in the fields. nature is able to give us a classical perception of localization, and then energize a charged actualization to go with the perception, perfectly, seamlessly. the forces required, and the balanced integration of fields to localize us is really quite the miracle. delocalization is not the miracle. apparently it is the natural, relaxed state of all reality. we in all in a sustained state of teleportation, all the time, within the fairly small frame-space around us. the fields determine the nature of our spaces. if our localization is not in the statistical center of our quantum field frame-space, we feel inertial forces, acceleration or deceleration forces. we can push-accelerate our classical bodies out the center of our fields, and we feel inertial forces back towards our tailing fields, or distend our fields forward towards where we want to go, and be pulled towards the distension, pulled to our destination. anytime we are not centered in our quantum fields, we feel a force towards them.

our senses are quantum space-time systems, strictly. but space-time is actually simulated by the quantum fields which are never in collapse to matter states. contracted sometimes. this explains the time dilation and spatial contraction of special relativity perfectly. i think we should call this understanding: QSTF, quantum space-time field. it can become intuitive, i'm starting to feel it, but we must really stretch our perceptual horizon to feel it. it feels at first, inside out or backwards. i am getting there. i do understand quantum field theory now. that's quite a weird thing to say. this is cool stuff. light speed go to hell. we beat you. or we will. we know how now, but the engineering of a quantum field manipulator, i have no idea how long this will take. only a field generator of some kind can interact with fields. no idea how much energy will be required. our bodies do it in reverse of what we want to achieve. our bodies localize us. i didn't say that right. something, field interactions, localize us from our natural distributed field state. that is the hard part, and nature does it without massive power from nuclear reactors. so perhaps, it can someday be done with minimal power consumption.

the scary thing is, death must now be understood as utter untetherment from our quantum fields. and now we will begin to distend our fields on purpose? but distension is just normal acceleration. we are used to 1 G gravity.

one G QUANTUM DECELERATION to half lightspeed will only take the first year of a trip. the second year will get us all the way there, to see what really happens as we approach. higher G decelerations way past lightspeed in only months, eventually weeks, should be possible in a double-hulled craft, possibly, with quantum inertial space manipulation inside the craft, to sustain one G acceleration inside, despite maybe, 10 G deceleration in outside quantum space. at superluminal velocities, will normal space-time objects manifest as just distributed fields we can fly through? that is beyond me conceptually, so far. that is a meta-relativity issue. i could recheck the literature. the problem might be, if as the meta-relativity literature suggests, superluminal stuff is subluminal to stuff in its c range. the speed of light is still the same relative to you, even if you reach the speed of light relative the earlier arc of your trip. so relative to the earlier

arc, you can go  $2c$ . still, more  $c$  range always remains ahead. distances get shorter instead. can you evr go back home? not sure. using quantum inertial manipulation may probably change the rules, and let you go back to your home planet, with them not aged more than you.