

0:00  
because oh there it is there it is the impression that there was an infinite  
0:07  
source of energy might have been not necessarily what people wanted to do at  
0:12  
the time what the da is describing is this fundamental unified field this is  
0:18  
what Einstein described the curvature of SpaceTime which he didn't say what SpaceTime is made of because we're  
all  
0:25  
entangled through this field there is on our planet currently and animals that are Eternal how does an atom  
spin right  
0:33  
where is the energy source that that keeps all atoms spinning all electrons moving where is that where does  
that  
0:38  
come from dude I can calculate how fast the universe is thinking do not despair  
0:44  
there is incredible possibilities coming your way everything is there for us to  
0:50  
make this leap to make this step our kids will see an amazing world evolve  
0:59  
[Music] Nasim hermine is a certified genius  
1:05  
astrophysicist Quantum physicist and he's here to set the record straight about the actual nature of the cosmos  
1:14  
and what was really beautiful about this podcast is we were able to bridge in some Concepts from ancient Daoism  
from  
1:21  
cabalistic traditions and see how they interface with the most cuttingedge  
1:28  
equations that are coming out of quantum physics and what we found was this beautiful synthesis of ancient  
wisdom  
1:35  
and the most recent scientific discoveries things like at the center of the sun is a black hole and the light  
1:42  
that emerges is also originating from this void that's pulling in the energy  
1:49  
and coming out the cosmic battery that can be represented by the yin-yang symbol of light and dark and how this  
1:56  
interplay of light and dark works in the cosmos and then how this energy this  
2:02  
Boundless Energy of the force of that thing the da that's older than God that  
2:08  
is the substrate of all Unicity how this interacts in the field of articulation  
2:14  
not only of planetary structures Galactic structures but of our own personal structure what is the energy  
2:21  
that is at the core of every atom we've been in this search for perpetual motion  
2:26  
machines but guess what atoms are already perpetual motion machines they're constantly moving where is the  
2:34  
source of that energy and Nasim would say that the source of that energy is the source of all energy source  
2:41  
itself this podcast is mind expanding beyond belief and it is with absolute  
2:49  
great pleasure that I share not only all of this information about the cosmos but  
2:54  
a genuine message of Hope in these times of chaos and turbul an for where  
3:01  
humanity is headed and why it's going to be headed in a positive direction so it  
3:07  
is with great Delight I share this podcast with Nassim harmine Nasim hey  
3:14  
hey I don't know if I've ever been so excited to talk to somebody on a podcast  
3:20  
because in following your work and studying and preparing for this show I realize how little I actually know  
about  
3:28  
the universe thank you well that's the state of the world in general so don't feel bad yeah  
3:35  
it's it's really remarkable how much knowledge is at the Forefront that you've been able to access and how  
3:42  
little that has been translated into the general Layman understanding of how  
3:48  
everything was everyone just generally accepts okay in the beginning there was a big bang all all light  
compressed to  
3:53  
the size of uh you know the tip of your finger and then boom here we are billions of times smaller than the tip  
4:00  
of your finger long size object yeah right right that always made sense to me

4:05  
too I was like why the why the tip of your finger why wouldn't it be just a single single micro Point yeah  
4:11  
Singularity that's that's what the theory says yeah um and and I think it's significant actually that that  
scale the  
4:19  
plon scale is a very significant important scale that's overlooked in physics so explain the plunk scale so  
4:26  
for people who don't understand okay well I would would have to start with quantum mechanics uhuh  
4:32  
and I think it's important for people to understand quantum mechanics better because I there's a part of  
quantum  
4:38  
mechanics that's very much publicized that has to do with the Copenhagen interpretation and how you know an  
4:46  
observer or observation has to happen before the material world materialize in  
4:52  
what it is and all this and so this is the observer effect where they showed that if you're looking for  
particles  
4:57  
you'll see particles if you're looking for waves you'll see waves which then allowed people to say the reality  
is  
5:03  
dependent upon the observer's intention that's right and that interpretation is known as the Copenhagen  
interpretation  
5:11  
it comes from very famous conference that occurred there and this  
5:16  
interpretation I believe is completely incorrect it's completely false wow all  
5:21  
right shots fired right of the gay okay it's really important for people to know  
5:27  
and actually students in physics should be thought that um for some reason they're not um  
5:33  
that there's alternative views that were given by very serious people Deb being  
5:39  
one and bom and that give all the correct answers with a very mechanical  
5:46  
fluid dynamics view of the of of the effect um and in that case you don't  
5:53  
have to invent really you know esoteric um uh  
6:01  
ungrounded uh ideas that somehow particles can be waves and  
6:08  
particles at the same time and it it basically the only difference in the interpretation is to show that  
actually  
6:14  
when a particle moves it's moving in a field so when it moves it makes waves  
6:20  
just like a boat on the ocean so it's a particle in a wave yes but not in some  
6:25  
esoteric way it's just when it moves it makes waves in the field because it's  
6:31  
not in a field-free environment space time space is a field of energy and  
6:38  
actually I demonstrate very clearly that it is the field of energy that makes the  
6:43  
particle in the first place so of course okay so we can get into the double St  
6:50  
experiment which is how this interpretation occurred but I'm going to have to back  
6:57  
up to the foundation of mechanic of quantum mechanics I'm I'll let you I'll let you drive the ship  
7:04  
here so if we want to talk about the Double SL experiment we can do that I'm just going to give it quick  
7:10  
interpretation it's called pilot wave theory and it it just shows that um okay  
7:17  
so so the experiment is like you got one slit and you're shooting electrons or  
7:22  
photons at this slit and you have a detector on the back right and you expect on the detector you're going to  
7:28  
get Dot for each particle that hits the back detector and the ones that hit uh in  
7:35  
front of it won't be detected right the one that don't go through the slit but then you put two slits and you'd  
expect  
7:44  
that you'd get some particles going through the one slit and some particle going through the second slit and  
you  
7:50  
should have like dots on the backboard right on both side on both slids but  
7:57  
instead you get an interference pattern okay and that was weird because it's

8:05  
like what's interfering with the particle so then it's like oh the particle is like becoming two particles  
8:12  
going through both slits and interfering with itself and like all this like I  
8:19  
don't know what they were smoking but it wasn't the good stuff and and it's like  
8:26  
you you you know all of a sudden what is the good stuff well yeah that's another  
8:33  
story you know we just got back from burning man so that gives somebody an idea that the team may know what the  
8:40  
good stuff is I don't know but I I'm saying like it's a very  
8:46  
strange interpretation and then of course scientists at the time tried to  
8:51  
like measure exactly which slit did the particle go through and how is it that  
8:57  
it's interfering with itself and when they try to put a measurement instrument there um they realize that when  
they put  
9:05  
it there all of a sudden they get dots on the backboard so they it changes the result so then the like the  
9:12  
interpretation is oh my god when we try to measure it which we have to make the  
9:18  
distinction that doesn't mean there's an conscious observation could be a measurement from a device that's just  
9:25  
tied to a computer nobody's looking right but when you we try to measure it we get a different result M and  
this led  
Foundations of Quantum Mechanics  
9:36  
to a series of equations that describe this collapse of the wave function of  
9:42  
the quantum wave function that makes up particles but um but if you take the  
9:49  
analogy of the boat on the ocean and when the particle is  
9:54  
moving um it makes waves well then when you have one slit you get the dot  
10:01  
because only the goat the boat goes through when you get I'm saying this Loosely right just so we understand  
like  
10:07  
it's more in depth than that but um and if you look up pilot wave theory you'll  
10:13  
get all the information but but if you uh have two slids then the waves that  
10:19  
the that that the particle made go through the second slit and interfere  
10:24  
with it with the particle and produce an interference pattern and then if you put  
10:30  
an object to measure what's going on there if you add an a measuring object that object is  
10:38  
Making Waves in the field MH and it's cancelling the waves that the particle  
10:43  
is makingh and now you get a third result but it's not some esoteric thing  
10:50  
that like there's an observation and it's changing it's just a fact that  
10:56  
everything is baiting in a fundamental field of energy that interacts with all  
11:02  
things that connects all things and so although the spiritual people might say  
11:09  
oh but you're taking away this possibility that Consciousness is involved and I'm saying no no first of  
11:16  
all in the standard model nothing there's no equations there that says  
11:22  
anything about Consciousness it's it's not true that it predicts Consciousness  
11:27  
it in the standard model it just says that the waveform is going to collapse into a random thing like it you  
know  
11:35  
could be anything it's it's not tied to Consciousness in the equations right  
11:40  
it's just tied to a measurement um but more importantly when you see it as  
11:48  
pilot wave theory sees it I discover pilot wave theory independently in my  
11:54  
van in the '90s thinking I had figured it out and then I real realiz that debug  
12:01  
did it like long before me and and so now you have something I think that's  
12:09  
much more profound you have something that says that um everything is  
12:16

connected through a fundamental field MH and so like let's jump back because this  
12:24  
is a part of quantum mechanics that is very specific let jump back to the start  
12:30  
of quantum mechanics and understand something really important there and this is  
12:37  
something like if there's physics students listening right now they got to listen really closely here because  
this  
12:45  
is the part of their course that they will not be thought okay and it's really  
12:53  
critical so how did quantum mechanics start it started with  
12:59  
Max plun trying to make a better light bulb he was commissioned by you know a  
13:06  
group of um different organizations that were trying to improve on the light bulb  
13:13  
because the light bulbs didn't last very long then the filament kept on burning out and all this and so Marx um  
looked  
13:22  
at it in detail and and tried to figure out the thermodynamics of this element  
13:29  
that emits Photon emits electromagnetic fields when you heat it up  
13:35  
right so he was looking at it and the equations of the time were saying  
13:41  
something really weird they were saying that like the element should emit infinite amount of ultraviolet  
radiation  
13:49  
and that's not what we were measuring in laboratory so it was called the ultraviolet catastrophe so he tried to  
13:56  
resolve it and in order for the equation to work it's  
14:02  
called Plank's law um he had to add a  
14:07  
little component a little free parameter in some ways that he call um  $\hbar$  that  
14:15  
he he well no actually it was  $\hbar$  at the time right eventually Paul  
14:22  
dur modified it showed that it was an angular momentum so it was  $\hbar$  over  $2\pi$   
14:28  
and that became  $\hbar$  nobody understands that but we'll  
14:34  
continue it's okay yeah we'll allow that yeah just just so people know it's  
14:39  
actually uh an action of an of a angular momentum it's a little spinner you could  
14:46  
think of it that way and what it did is that in the equation it basically said  
14:53  
that like the electromagnetic field that's radiating from the element when  
14:58  
you heat up something is actually coming out in  
15:04  
packets little Spinners like pulses yeah like pulses packets it wasn't continuous  
15:12  
right like Quantas of energy which were described by  $\hbar$  or  $\hbar$   
15:19  
bar later and that packet of energy eventually Einstein took that and said  
15:26  
hey you know I can explain the photo electric effect with that you know um so  
15:32  
that like the little packets of energy are hit hitting electrons and trowing electrons out and semiconductors  
and  
15:39  
that is what makes you know like a like Photo cells that we use for you know um  
15:47  
solar panels mhm and he got the Nobel price for that  
15:53  
calling the little packets photons and that's where the concept of photons come  
15:58  
from from okay you see so a lot of people don't realize  
16:04  
actually Einstein didn't get the Nobel Prize for relativity he got no the Nobel  
16:09  
Prize for contributing to the start of quantum mechanics um and so you know when you  
16:19  
looked at this equation pl's law it said that the Universe when it  
16:26  
radiates electromagnetically it's packets of energy that it's  
16:31  
radiating and it's absorbing packet of energy the equation is describing an  
16:39

oscillator okay that is the foundation of quantum mechanics is the description  
16:46  
of an oscillator so you could think of it as a a little proton like the nuclear  
16:51  
of an atom or an atom being an oscillator right like and the problem is  
16:58  
that okay so so listen to this this is remarkable so when it's taught to  
17:05  
students um instead of telling the student visualize a little spinner A  
17:11  
little top spinning that's an oscillator right they're told to visualize a spring  
17:19  
with the weight on the end they're mathematically um mappable one to the  
17:26  
other so it's it's mathematically the same except that if you're thinking the  
17:32  
universe is making Springs with weights on the end you don't have the correct  
17:38  
image in your head of what you're actually describing in your equation  
17:43  
right and these these type of analogies are very destructive to our capacity to  
17:51  
actually understand the universe because we start you know making models in our  
17:58  
head that don't have anything to do with reality mhm right the universe is  
18:03  
clearly not doing Springs with weights on the end right like a little spring  
18:08  
that's oscillating up and down like this right and that's like critical that the  
18:15  
students get the right visual we're talking about something that's spinning MH I mean Springs with weights on  
the  
18:23  
end are made by the universe after they've made the humans that makes the springs and the weight okay but if  
18:31  
you're trying to understand the universe then you got to have the right image in your mind so if I'm I'm trying  
to I'm  
18:39  
trying to visualize this and I think you know I'm I'm picking up what I was able to understand from an  
interview that I  
18:45  
watched you do and basically what you're saying is this pulsing oscillating  
18:50  
pattern is that we're creating we're creating a new projection of reality so  
18:57  
to speak in every plunk second which is like the smallest measurement of time possible it's the it's the  
interval  
19:03  
between these pulses exactly there's a timing thing that's happening boom boom boom boom but so so fast and's a  
19:11  
heartbeat yeah and it's and it's and it's almost infinim measured and it's  
19:17  
creating reality in every in every plunk second exactly and and and then as you  
19:23  
go up in scale that timing slows down right because it takes longer for a  
19:29  
proton to make us a turn than to a plonk which is billions of times smaller so a  
19:35  
plonk is a is like a quark is or smaller than a quk smaller than a quark okay so  
19:41  
it's the fundamental it's the very basic unit that the irreducible unit is is  
19:48  
like a plunk it might be reducible to sub plunk oh boy but the speed of light  
19:56  
limits so so you could say that maybe it's the fundamental pixel  
20:01  
for our size Universe okay but that but it may go all the way down infinitely  
20:08  
yes because because past the Event Horizon of a black hole you have it's  
20:14  
called trans planking problems meaning you have things that would go faster  
20:20  
than I mean lots of people have trans planking problems let's just let's just be that can  
20:25  
happen but that's a whole other story  
20:31  
um I it's really important you understand I'm talking about this in a  
20:37  
very rigorous way yes it's not philosophy okay it it would be  
20:43  
philosophy if I didn't have equations to support what I'm saying so people philosophy comes after yes well  
actually

20:50  
philosophy should come first and then the equations explain and then you do the equation and that's lost in physics

20:57  
currently most physicist just learn to resolve equation there's a famous St

21:03  
saying by finan you know shut up and calculate don't ask question just

21:09  
they're just doing math and math can run you right straight

21:14  
into a wall right like string theory is a good example of it and and and it you

21:21  
have to have fundamental concept of what you're trying to solve otherwise your

21:27  
equations can tell you anything you want right and and the only way you can

21:34  
verify that your equations are telling you the right thing is when you go to

21:40  
experiments and confirm that the equation is giving you the right

21:45  
result right there's no experiment in string theory for instance that can confirm anything because the equations

21:53  
output really like almost infinite amount of possibilities

21:59  
right 10 to the 500 different compactification of strings that like it it tells you that like they could be one Zero Point Energy

22:06  
correct answer in 10 to the 500 answers right like it's the largest number in

22:12  
physics but in anyway let's not get off track

22:19  
right let me let me let me I want to do I want to do one thing here because we're going to get deep in the weeds and I also want to share with people that

22:25  
you have a paper that you recently published corre that has an unreal amount of equations and grounding to

22:32  
everything that you're saying right so and I want to you know help help you and help everybody make this clear that this

22:37  
is not just you casually looking at this like an armchair physicist you're actually deep in there figuring it out

22:44  
and I'm working with physicists from the biggest schools in Europe and you know

22:50  
and and don't believe the goofy stuff on Reddit you know that my papers are not

22:56  
peer reviewed and all this that is false of course of course right anybody who

23:02  
challenges the the dogma of the time is going to be ultimately attacked this

23:07  
this occurs in every different every different academic you know every

23:13  
different Academic School it's just the it's the nature of it right and every large Discovery um you know were very

23:20  
fundamentally attacked um but I'm and and I don't say this in

23:27  
arrogance it's just the way it is and and it's analytical so you can actually

23:33  
if you got enough um you know you don't need that much math to follow these

23:38  
equations in that paper um if you're a good engineer and so on you can follow

23:44  
this equation if you're student of physics you can follow these equations and you and and and the annex are there

23:51  
to help we try to write it in the most you know in the most easy way to absorb

23:59  
for um scientific you know um person uh which some math but we tried to write it

24:07  
as well historically so we actually spend quite a bit of time in the first section in describing historically this

24:15  
oscillator that was described by Max Blanc putting back the spinner instead

24:22  
of the spring right and you know solving those equations you were to yeah so I

24:29  
want to so you were you were saying that it starts with philosophy in some way in some idea and one thing about the

24:36  
creation of the universe that I thought was really impactful for me it felt like

24:42  
a true philosophy and I have my own anthro onology that is not entirely  
24:47  
accurate but I feel things as like this feels like this is something that's true right so anthropos your body  
ontology  
24:54  
what is real right and so when I read verse four of the daging it says the da is like a well used but  
25:02  
never used up it is like the Eternal void filled with infinite possibilities  
25:08  
it is hidden but always present I don't know who gave birth to it it is older  
25:15  
than God that's great oh that's amazing it's yeah and to me that feels like the what  
25:21  
what the Dao is describing is this fundamental unified field field that's  
25:27  
right and that field this is what the students will not be taught okay that  
25:33  
field is actually was actually discovered by Max plun while he wrote  
25:39  
These equations the ma the plank law has a little bit that was removed from it  
25:47  
okay that described just what you read MH because so so now when you solve  
25:56  
blanc's law for the internal energy of the oscillator  
26:03  
okay there's a part of the equation  $12 \text{ um } H \text{ bar } \mu$  or can be  $\Omega$  depending if  
26:12  
you're doing how you write the equation but which says so so okay so let me back  
26:20  
up the equation says at this temperature you get this Spectra of heat okay like  
26:28  
meaning at this I'm sorry at this temperature you get this amount of energy from the oscillator right so so  
26:35  
you get a spectrum right of uh and you see that when you buy a light bulb still it'll  
26:42  
say you know 3,000 k on it right 3,000 caline that is the temperature of the  
26:51  
light bulb the the the energy Radiance of that light light bulb okay and I  
26:57  
suppose you can measure that is heat or light like lumens or or cin yeah  
27:02  
emission from the from the filament nowadays light bulbs are made  
27:08  
of diode so you know we we have that convention to describe the you know the  
27:16  
the color of the photons emitted by the light bulb still but it's actually not  
27:24  
coming from a filament anymore right however you know this this  
27:31  
fundamental equation that describes this so it got rid of the ultraviolet  
27:36  
catastrophe problem it give the right answer for the ultraviolet emission and all this when you solve it it  
tells you  
27:46  
there's a part that tells you that at zero caline so on your graph on your Spectra  
27:55  
zero caline would be like the ground state of the electromagnetic field right  
28:00  
when zero emission should happen so that's the cessation of all Energy Zero  
28:06  
calvine there's nothing zero Calvin like have you been to Canada I've been to Edmonton okay yeah it's [ \_\_ ]  
cold  
28:13  
it's damn cold right feels like zero calvine yeah well you know it's not anywhere close to zero calvine right  
28:20  
even and so zero caline is seriously [ \_\_ ] cold right so nothing should  
28:26  
move absolute there should be no thermal agitation there should be no energy mhm  
28:33  
however the equation which gives all the right answer for the rest of the stuff says that at zero calvine  
there's an  
28:40  
infinite amount of energy the equation diverges to Infinity  
28:45  
there and so it's almost like at zero calvine we're back to the dowo which is  
28:51  
completely full with infinite possibilities and infinite energies it's like a point of Singularity ex exactly  
28:58  
exactly and and you said the word Singularity which implies Einstein field  
29:04  
equation so let's hold that okay you got the right idea yeah now you have a so so so but but you

29:14  
say but okay so yeah you're so that means the ground state of the  
29:19  
electromagnetic field is full of energy  
29:25  
mhm when uh Marx plong discovered this he called it Zero Point Energy Zero  
29:32  
calvine Energy right and so Zero Point Energy was like oh what do we do with  
29:39  
infinite amount of energy right well in general now was this done  
29:46  
on purpose was this done just because we didn't know what to do with the infinite amount of energy  
29:54  
whatever I would say probably a little bit of both and I've done a lot of research in history of  
30:00  
physics you have to put it in the context of the time we're talking you  
30:07  
know second world first world war second world war we're talking about you know  
30:13  
looking for atomic energy the atomic bomb being  
30:18  
developed giving the world the impression that there was an  
30:25  
infinite source of energy that could be access might have  
30:31  
been not necessarily what people wanted to do at the time well certainly not if  
30:36  
you're a you know Titan in the petroleum industry you know that you definitely  
30:42  
don't want Infinite Energy if you're control controlling the oil and gas and coal of the world I would say that  
might  
30:47  
have been a reason later on right but early on definitely you know it it could  
30:54  
have been like on purpose drouit it but  
30:59  
basically what happened is that that part of the equation was removed  
31:06  
generally okay it's not taught clearly to the and if physicists that are  
31:14  
listening to this might say but no I I i' I saw that somewhere it's taught  
31:20  
incorrectly because people think that it comes from uncertainty principle which  
31:26  
it doesn't uncertainty princip iple come from 0 point energy being there but I'm  
31:32  
going to tell you what you what happens when you remove it okay what happens  
31:38  
when you remove it is your your equation now is describing an oscillator without  
31:44  
a source so it's spinning so now let me ask you your wheels on your car which is  
31:52  
an oscillator right it's spinning thing okay though they do they go anywhere  
31:58  
if you don't put energy in it uh only if I'm on a downhill  
32:06  
yes then you're using the gravitational field to put energy in the system right  
32:12  
so that's called a gravitational potential if they're on flat they don't go anywhere until you put energy right  
32:19  
so you have to put energy in an oscillator for the oscillator to continue to oscillate right let's go  
32:25  
back to the spring and the weight yeah like how do an atom spin where is the energy source that that keeps all  
atoms  
32:32  
spinning all electrons moving where is that where does that come from dude they get on the case of people that  
32:40  
have been working on what they call free energy or overunity devices all the time  
32:47  
saying you guys are trying to violate the laws of conservation of energy and  
32:52  
da da da this is a violation like right in the base of quantum mechanics there's  
32:58  
a violation of the laws of conservation because your oscillator if it go back to  
33:03  
a spring and a wait if you if you stop doing this what  
33:08  
happens does the spring continue oscillating yeah for a minute or two but then it stops right so the same thing  
33:17  
the the and so and when you calculate it it's inconsistent mathematically meaning  
33:24  
like the so this field okay okay that's the Zero Point Energy is described as



33:30  
like constructive and destructive waves of the electromagnetic field right and  
33:37  
if they can't if if that was all cancelled  
33:42  
out it would be technically it's called  
33:48  
commutative the equation cannot be commutative meaning it has to be non-commutative that means there's got  
33:55  
to be more energy that comes in to overcome the resistance of the  
34:02  
oscillator to continue to oscillate just like you have to put energy in your motor right for your wheels to  
keep you  
34:10  
know against the friction and the weight that it's pulling and all this stuff so this is this is this is like a  
34:16  
revelation that seems like right in front of our eyes so there's been a quest to create a machine that could  
34:23  
perpetually move a perpetual motion machine which doesn't require additional energy yeah to to add it so you  
start  
34:30  
the momentum and then once you start the momentum it goes infinitely right like that's been scientific study  
but it's  
34:37  
happening all the time with every single atom exactly it's in perpetual motion  
34:42  
without the adding of additional energy so the only thing did you ever receive a bill Poss yeah the only thing  
that could  
34:48  
possibly explain it is there's a source of infinite energy at the root of all of that and we found it and then  
it was  
34:56  
ignored it's 100 some years later  
35:01  
unbelievable 30 years ago when I was starting to present in physics conference I used to talk to people  
35:08  
about this and they would say but you're talking about perpetual motion that's impossible and then I would ask  
them  
35:16  
where have you seen anything else where have you I'm not talking  
35:23  
about you relative to a car I'm saying the universe doesn't hasn't it shown any evidence of  
35:31  
stopping or slowing down in fact we know it's expanding and accelerating W which  
35:39  
at the time we didn't know 30 years ago like that was found like later on in like the early 2000 but this this  
um you  
35:48  
know like not only is it not slowing down it's accelerating but on top of it  
35:54  
we haven't seen one proton ever decay the proton is the nuclear of an atom we  
36:00  
haven't seen one proton ever Decay we see protons together Decay and radiate  
36:07  
but the proton itself doesn't Decay we've not seen that ever you know  
36:13  
another interesting thing and sorry I apologize for these tangents but as things illuminate in my mind so we'll  
36:19  
we'll just take this low you know the idea that if you split an atom like in a  
36:25  
hydrogen bomb or a regular nuclear bomb creates this massive explosion of energy when they first started to do  
that there  
36:31  
was legitimate concern that it would create so much energy that it would  
36:37  
destroy everything just in just in theit the yeah ignite the atmosphere and  
36:42  
everything and it would just be the destruction of the whole world so that's why if you watch you know watch  
the  
36:48  
movie about oppenheim and everything everyone was kind of a little sweaty you know when they when they first  
had that  
36:54  
because when they pushed the button there was actually a way you could write the equation to show yeah the  
atmosphere  
37:02  
could catch on fire and we could lose the atmosphere and yeah because at the  
37:07  
at the core of everything is infinite energy so if you somehow unleashed the core of everything you would get  
the  
37:14  
destruction of everything but that's the other thing when

37:19  
you you you create fishing right you're  
37:25  
liberating massive amount of energy from a very small amount of matter mhm  
37:32  
eal  $mc^2$  on matter is a lot of energy  
37:37  
yeah and so this is this is remarkable  
37:43  
where is this energy coming from in the movie Oppenheimer I was  
37:49  
proud of them for at least mentioning it's very quickly mentioned that it's  
37:55  
the strong force it's the force that's holding the atom together that's being liberating  
38:00  
mhm but the mass of the protons that make up that nucle right protons and  
38:07  
neutrons is not given in standard physics so I'm not  
38:14  
going to want to get too technical here I will get back to the master proton MH  
38:20  
but you have to understand that that currently in a very uh nonrigorous  
38:28  
s uh the mass of the proton which is the mass of matter how how matter has energy  
38:36  
how matter has mass is not given in physics M it is no equation antical  
38:43  
equation that says it just says that it's the result of the strong force  
38:49  
interacting mhm which is not the source of which is not given yet so this is what I did in  
38:57  
this paper mhm I went through I said okay you can't remove this Zero Point  
39:04  
Energy it's mathematically and physically  
39:09  
inconsistent everything should have stopped a long time ago if this no source to the oscillator right right and  
39:17  
then I calculated with what's called correlation functions they equations  
39:23  
that describe in a field of waves like think of the surface of of the ocean how  
39:28  
many are going to like cancel out and how many are going to be constructive  
39:34  
mhm and because the equation in non is non-commutative that means that there's  
39:40  
actually you know it's not the same a photon that's absorbed into the  
39:46  
oscillator and emitted is not the same as a photon that's emitted and absorb so  
39:52  
you you end up with a with a um a  
39:57  
positive energy a surplus yeah a surplus so I calculated the correlation  
40:05  
function of this field for an object and so you put in  
40:13  
there like the correlation time it's it's like the scale at which you're  
40:19  
looking you when you looking at the waves they'd be bigger waves smaller waves smaller waves smaller waves  
right  
40:26  
so you put in there the scale you want to look and when I look for the plank I got the plank Mass but when I  
look for  
40:32  
the proton I got the proton Mass mhm the whole thing mhm showing that the mass or  
40:40  
the energy of matter which is the proton Right is coming from this field yes you  
40:49  
see this is this is remarkable mhm it's remarkable because the standard model  
40:55  
has this whole hi mechanism you know that gives Mass to particles right they called it the God  
41:03  
particle right they spent some 13 billion dollar building accelerators to  
41:10  
find it cost a billion. five a year budget to keep that thing going and you  
41:18  
know and at the end the M the higs mechanism in the standard model is only  
41:24  
consistent inside the standard model when you go to experiment to verify it  
41:32  
right for the proton you're predicting less than 1% the mass the proton 5 to 1%  
41:40  
the mass the proton and then if you add that to the fact that we're missing 96% the mass in cosmology then

you're only  
41:48  
predicting like .1% of what we see right yeah okay so I  
41:54  
have so this this this is coming to me here and I I need to I need to step back to something you said said the  
universe  
42:01  
is expanding so the universe is both Mass light energy so is that would that  
42:07  
be correct to say that the universe is energy roughly in different in different ways in different ways it's  
42:14  
99.9% plasma okay so and whatever is not plasma is plasma that's cooled off okay  
42:21  
so if it's expanding yeah then there's something Beyond the Horizon very good  
42:27  
there's something Beyond the Horizon what is it that's Beyond the Horizon that we're expanding into what is  
what  
42:33  
is that is that most likely a larger universe whoa okay so we're expanding  
42:41  
it's a a universe of a different type no just a larger universe think of a galaxy  
42:47  
inside our universe right it it it expanded from a quazar you know like it  
42:53  
it became a galaxy expanding inside our universe so okay so then when the Dao  
43:00  
ding is saying that the Dao which is the unified field of all universes all  
43:05  
universes must come from the unified field right right so all universes we're and we say maybe we say God is  
our  
43:12  
universe right and they they say the da is older than than God then they must be  
43:17  
talking about the universe our universe is in yes yes they're talking about the  
43:23  
the great Universe right which is probably in a larger one again and the larg infinite but that's all still the  
doubt  
43:30  
so yeah yeah so now you have the concept of fractality Singularity right right so God is  
43:37  
describing our universe our universe is all contained within the substrate of a unified field that you call it  
the da I  
43:44  
like to call it the force but whatever that whatever that is we're just one  
43:49  
fractal of that that's right and in that field of energy it's coming from all  
43:55  
these oscillators think of universe is an oscillator is spinning to and you know everything in it is  
oscillating the  
44:02  
field of energy is got all these illation in it infinite possibilities  
44:07  
that's right infinite oscillations infinite amount of energy infinite amount of  
44:15  
energy and and and and even if you just say okay well I'm going to cut it off at  
44:20  
the plank scale because that's the speed of light whatever you know like we show in the paper that there's a  
good reason  
44:26  
to use the long scale as a cut off when you you still have 10 to the 93 G per CM  
44:34  
Cub so if you if you took all the stars we see in the universe and the black  
44:39  
hole everything and we stuck it into a centimeter cube of space we would be 39  
44:45  
orders of magnitude not as dense as 10 to the 93 G you know so it's  
44:52  
like insane amount of energy is present in in each centim cube of space wow and  
45:01  
and that's what's running our world yes and and and it's been there for a  
45:06  
hundred years in our equations I had a vision in an aboga Journey where I was you know communing  
45:13  
with spirit and we talked about this before you get access to information and then you always translate it  
through a  
45:19  
hermeneutic prism of your ability to understand and these medicines these sacred plants they open up a window  
to  
45:26  
try and give you something that you could interpret in a way and this thing that I this thing that I saw this  
Vision  
45:32

that I saw that I'm going to explain was in many ways Beyond Comprehension to me at the time because I asked what is the

45:39  
nature of God right what is the nature of God and it showed me the image that it said was the image that it showed was

45:46  
this giant blue Titan it was like this Titan figure it had uh it had its own

45:51  
kind of uh anthropomorphic kind of image that came to me but I don't take that

45:57  
super seriously it was just that's what it was showing me I was like okay God is this giant Titan and then Titan was

46:02  
moving in an elliptical on an elliptical track like a like a racer in like in the

46:08  
Olympics whatever you're moving around it was moving around a track and I was like okay so God is moving moving

46:13  
infinitely around this track spinning like an oscillation that's right and then that's called circulation in fluid

46:19  
dynamics okay all right all right so Vision Visions tracking so far and then

46:24  
it showed me that there was an infinite amount of these Titans these

46:30  
gods that were also all running around the track and then I was like what the

46:36  
hell does this mean but now it's starting to make sense that the track is like the unified field and God as a

46:43  
universe is just one of many universes spinning around this this elliptical

46:48  
track that's right that's right and what's making it spin around right

46:54  
what's make what's holding to the center the da the gra the gravity okay that gravity

47:01  
yeah and so we've been talking about quantum mechanics on the other side we have

47:07  
equations that says that SpaceTime curves to produce gravity uh when there

47:13  
is a presence of energy or mass right so that side we haven't

47:20  
discuss yet but it it works into this right because I when you write this when

47:27  
you keep the source of energy for your oscillator and you write this properly you

47:32  
inevitably arrive at general relativity MH and so the detractors out there say

Einstein & The Nature of Spacetime

47:39  
oh but he's using general relativity it's a natural consequence of

47:44  
writing the equ and they you know they comment you can't use relativity at the

47:51  
quantum scale oh yes you can the universe is not like confused

47:58  
about the state of gravity just the humans yeah right so and and in this in

48:04  
this way you can imagine okay so we have planets rotating around the Sun Sun is

48:10  
Sun is rotating around a Galaxy the Galaxy is rotating around you know like

48:15  
everything is orbiting and so the UN Central Some central point and so the universe itself might be orbiting a

48:23  
black hole a black hole a singularity at its Center at the center of everything and then there's many other

univer many

48:30  
other universes all or yeah all orbiting a larger one all orbiting a larger one

48:36  
and so on yeah so somewhere at the center of go down yeah you can go down all the way

48:43  
down pass PL pass you know all the way down and I wrote These equation and I

48:49  
found the the scaling the coupling of all these oscillators inside each other

48:56  
I found how it couples it's we measure these things empirically it it involves

49:03  
the gravitational constants that we measure uh the rberg constant that we

49:08  
measure all these things we measure these constants we don't know where they came

49:13  
from in physics right this puts it all together you you

49:19  
you start to understand oh that's why G is G that's why you know C is C that's

49:26

why it all starts making sense why things why values that we measure are  
49:35  
highly tuned for our universe to work because it's the mechanics of how it  
49:40  
works and it eventually emerg life from it and and this is a really powerful  
49:46  
part that I just solved two weeks ago because I just didn't have time to apply  
49:52  
to biophysics but I did a few weeks ago I'm really excited about it mhm so Li so  
49:59  
life and light and and anything that we can measure matter Life Light this is  
50:04  
actually a a a reduction of the possible energy of the unified field right like  
50:11  
it's like a partiality it's like a partiality of it it's a relationship it's a coupling it's called we coupling  
50:20  
a across scale if you have something that's spinning right that's really small if they get together Spinners  
and  
50:27  
they become coherent so these equation the the correlation function they describe how much coherency there is  
at  
50:35  
each scale how many of the the the the Spinners are contributing their energy to that scale  
50:43  
right so more they're coherent more they're going to contribute right let me  
50:48  
give you an analogy that like might make it clearer  
50:54  
okay you're in your bath with your rubber ducky as you do always yes never  
51:00  
without that's right and you pull the plug okay if you bring the rubber ducky  
51:08  
close to the drain it will appear like it's orbiting M right right and it it it  
51:16  
it's it appears like it's attracted to the drain right and and if you put it away  
51:23  
far from the drain then all the water is chaotic so it's not going anywhere mhm  
51:29  
but in the region of the drain the water the water molecules are coherent they're  
51:35  
all co-moving in a coherent way and if you look at the surface you can see it  
51:40  
curve M this is what Einstein described the curvature of SpaceTime MH which he  
51:48  
didn't say what SpaceTime is made of mhm although at the quantum level we had  
51:53  
that field of infinite so let's let's for listeners non rigorously I did it  
52:00  
rigorously but just so we understand each other let's put space time and this fundamental Zero Point Energy  
field  
52:07  
together right it's one thing and and so he described the surface of the water curving creating gravity where  
does  
52:15  
energy or mass SpaceTime curves and an object rolls towards it right that's  
52:23  
what he described but that's a secondary effect in your bath the the real effect  
52:29  
is that all the little particles of water are moving co-moving together see  
52:34  
that's the quantum size objects this is why quantum physics and relativity have  
52:42  
not been unified because one is describing a smooth surface curving and the other one  
52:49  
is describing little packets yeah in a cerent and  
52:55  
so I put together because it's it's kind of obvious right but so so what I'm  
53:02  
saying is that to understand like everything has a  
53:08  
center and is spinning or is orbiting this center right and it's because the  
53:17  
flow of this fundamental field is coherent in that region mhm just like in  
53:24  
that region of your bath it's coherent because there's a gradient there there's a density gradient M so it's  
like it's  
53:35  
like and and now you can use fluid dynamics equation and look at it and you  
53:42  
you'll find that it has like very specific geometry like a toide geometry  
53:47  
it's going to flow out at the equator it's going to flow in at the at the poles and you know it's going to have

a  
53:53  
very Dynamic and and each scale is going to influence each other scale so now now  
54:00  
you can calculate the impact of a smaller scale on a larger scale the coupling of these scale and all of a  
54:06  
sudden you find all of the correct you know um coupling constants all the  
54:15  
correct values for the force we observe the constants we observe and all this you start to understand that it's  
like a  
54:23  
huge fluid Dynamic structure that we're embedded in right that that has infinite  
54:30  
potential like it's it's remarkable all right so let me see if I get this straight so at the center of every  
atom  
54:39  
is like is like a drain which is like a black hole right and everything is circling Singularity everything is  
54:45  
circling around this black hole and then everything and so as you get larger we were talking before the podcast  
about  
54:51  
the sun being a black hole well of course if that's like the drain you know even though it's emitting light  
which is  
54:58  
also you know kind of mindboggling because we don't think of a black hole as emitting light but anything that's  
the drain that's that anything is  
55:04  
circling around is like a sing it's like a little Singularity a little black hole and there's fractals of it so  
a galaxy  
55:10  
has its own Center drain and when the universe has its own but all the way down to the atom that's is so good  
but  
55:18  
so much in what you said that needs unpacking for a physicist listening to it but but it's absolutely correct  
what  
55:25  
you're saying mhm it's very very good uh basically you know um you can't so  
55:34  
remember you have infinite amount of energy and energy curv space yes in  
55:39  
Einstein Phil equation so that means that every point in space is curved to  
55:46  
Infinity right because at every at every point is this Singularity infinite amount of energy Y and and so so  
that  
55:55  
means that every point in space is a mini black hole mhm right at the plank  
56:01  
scale and then there's just different magnitudes that's right exactly is and  
56:07  
because there's going to be different moments where the spin you know how you  
56:12  
get um coriolis forces and centrifugal forces when you spin something right the  
56:19  
spin that's pulling away from the The Singularity and the the for of the  
56:26  
singularity are going to be going to be in the right balance so that it produce  
56:31  
a bubble mhm it produce an horizon and the and one of those bubbles  
56:38  
so when the strength of the zero point is able to like pinch SpaceTime and make  
56:45  
a first thing is the pl scale MH and then again at the proton scale you know  
56:51  
and and it makes scales and we figured out that scaling Factor so now and it  
56:57  
gives the right answer it gives the right mass for the proton right energy the right mass and the right energy  
for  
57:03  
the electron and and planets and stars and galaxies it does all the right thing  
57:09  
mhm all right and and the idea that a black hole is just something that just sucks everything in is  
completely false  
57:17  
it's a fallacy of misinterpretation of Einstein fi equation mhm because  
57:23  
Einstein didn't solve his own equation when he wrote These equation to describe like how space time is elastic  
and it's  
57:30  
curving he didn't solve that that was too hard to solve uh an amazing mathematical  
57:40  
physicist um that was fighting on the Russian front got Ein a hold of  
57:45

Einstein's paper and said oh I can solve that and solved it okay while fighting  
57:52  
on the Russian front and being sick and he died two weeks later  
57:57  
um and it's called the Schwarzschild solution call it solved this is it was the  
58:04  
first exact solution to Einstein's equation because Einstein's equation were written a very difficult formalism  
58:11  
this much better formalism today to use to solve Einstein field equation but  
58:17  
it's not very much use and I'm not sure why exactly it's not very much used um  
58:24  
but in any case he solved this it's called the Schwarzschild solution and he sent it to Einstein and he said hey  
your  
58:30  
equation predicts a singularity so Einstein was  
58:35  
very you know distrustful about that because it said that they would be that his  
58:42  
equation predicted that all the mass would be in the center and it would curve SpaceTime to the point that  
light  
58:49  
could not emerge from it but when Schwarzschild solved this he solved it for a non  
58:56  
spinning noncharged object to do a first level approximation and then he died so  
59:03  
the the spin and the charge didn't come till the 70s mhm right so the  
59:11  
interpretation Einstein was discouraged because he thought well my equation probably predicts something that's  
not  
59:17  
real because he didn't believe that there would be something so massive that  
59:22  
even the the escape velocity of light could not emerge from it and that's how  
59:29  
the concept of a black hole which was Wheeler that called it that way uh came  
59:35  
out right well that's all true  
59:41  
if you know the black hole is not  
59:47  
spinning and it's not true for anything past the black hole meaning anything  
59:55  
past The Horizon like the equation predicts a radius right this is the radius where light cannot escape  
1:00:02  
anymore but there is stable orbits all around the outside there's even stable  
1:00:08  
orbits that have been shown inside the black hole mhm okay yeah so there's fundamental ideas about the black  
hole  
1:00:15  
that are that are that are misunderstood all right the idea that they're just absorbing everything so  
1:00:21  
imagine you have something that's spinning it's black hole spin at the speed of light mhm okay particles are  
1:00:27  
falling into a black hole spin at the speed of light they they fall in at they  
1:00:32  
eventually reach a imagine as they're going in the centrifugal forces how  
1:00:39  
strong they would be long before they got anywhere close to the event horizon the thing gets spit out so  
actually for  
Links to Cosmology & Mythology  
1:00:47  
things to fall into a black hole is very difficult they have to approach very specific angles from the poles to  
be  
1:00:54  
able to fall in yeah otherwise they get spun out and and presumably when they go in they come out  
1:01:01  
in some other form in some other way well they get shredded whatever they might they they get transformed yes  
but  
1:01:08  
but but more importantly when I start talking this way 30 years ago I then  
1:01:15  
predicted that in order for a Galaxy to exist there must be a black hole in the middle M or for an atom to  
exist there  
1:01:21  
must be a black hole but that was already so much controversial but but I predicted they would be black  
hole  
1:01:27  
at the center of all galaxies we observe and that's what we found mhm now if black holes were object that are  
just  
1:01:33  
swallowing everything that's around them galaxies wouldn't exist there would be nothing right there would be no

galaxies  
1:01:41  
right right because at the and in the the essential nature of a black hole is the infinite the infinite energy of  
1:01:49  
vacuum fluctuation yeah and what we're calling and so that hasn't been put together they they Einstein equations  
1:01:57  
and they solve quantum physics in different ways Zero Point Energy was  
1:02:02  
removed anyway like it's not put together a black hole is just the Zero Point Energy in that region of space  
1:02:10  
spinning you see think of a a smoothie you know it's the Smoothie Universe  
1:02:16  
right right SpaceTime like this fundamental energy when it spins in a  
1:02:23  
coherent way like in your bath at the drain it produce an effect we call  
1:02:30  
gravity all right so is there is there any place and I use place in a kind of I  
1:02:36  
know it may not be a place because we're talking about time and dimensionality and whatever but so and words get  
1:02:42  
complicated to try and explain is there a place or any any element or aspect of  
1:02:48  
the universe that is not spinning is there a place where actually there's Stillness oh yeah there's a place where  
1:02:56  
there's Stillness at Singularity Singularity when you when you solve for  
1:03:02  
all the modes they all cancel out like all the spins in infinite amount of  
1:03:08  
universe you could cancel out to zero spin to Stillness to Stillness  
1:03:15  
but but that would still be you know a  
1:03:20  
cut off you you because you can't um you know you can't solve for all the modes  
1:03:29  
right um it would be like Enlightenment right where you have access to the hole  
1:03:36  
right um so in some ways I could say yes this is  
1:03:42  
stillness at the center of spin just like the center of a hurricane yeah the eye of the hurricane is more still than  
1:03:49  
yeah you know no wind right you're in the center of the hurricane where you'd expect maximum wind right no wind and  
1:03:56  
then right on the edge of the eye of their then everything starts starts spinning more all right so I'm going to  
1:04:02  
take you back to another mystical tradition that I've become aware of and it's deep in the study of kabala which  
1:04:08  
I'm in a in a deep study and there's a concept called ssum and this concept is  
1:04:14  
about the creation of the universe and what it basically is alluding to and pointing to and there's some  
1:04:20  
interpretation here to get to this but the concept of ssum which has been written about is the idea that at the  
1:04:27  
beginning of everything was not actually this expansion of light but actually  
1:04:33  
there was a unified field that was completely full it was completely full of all possible energy it was it was  
1:04:39  
full and in that way you could say still because it's full it's absolute it's absolute so in order for there to be  
1:04:47  
articulation of different spectrums of light different spectrums of sound different energy ssum was described as  
1:04:54  
a great in breath that created actually it actually pulled pulled energy or  
1:05:00  
pulled something from the fullness so that uniqueness could emerge  
1:05:06  
encapsulated yeah so it pulls in the it's an in breath that pulls in some of the fullness and then allows  
1:05:12  
articulation to then spread back out into unique fullness right because in  
1:05:18  
the fractal infinite Universe each point is the center okay so each point of  
1:05:25  
observe the universe from its own center right like you're a human I'm a human  
1:05:32



right but we have different retinas we have different you know uh fingerprints  
1:05:37  
not one human is the same not one snowflake is the same one not each point  
1:05:44  
Express itself from its own Center so it's observing there's you don't see the same  
1:05:53  
thing as I see because I'm looking at this side the body bottle you seeing that side of the bottle because  
we're in  
1:05:59  
different coordinates we're different Center we observe from a different perspective so we gather different  
1:06:06  
information we feed to the field different information so the field makes  
1:06:12  
us different mhm so it's an individualization as soon as the energy  
1:06:18  
can close up SpaceTime and make a particle it's made a point of reference  
1:06:24  
that's observed from its own perspective so in this in this idea what's coming to me is the idea of Atman and  
Brahman  
1:06:32  
right Brahman being the everything in its totality AP perspectival yeah right  
1:06:38  
like it's just the the totality of everything as far as I understand the idea of Brahman it's the whole thing a  
1:06:44  
perspectively just and then Atman is our is our own unique participation that's  
1:06:51  
right in that and so we see so our universe is different than every other Universe because we're  
1:06:58  
actually our own unique perspective of the whole universe which is oton so we actually have a perspective and  
then  
1:07:04  
Brahman is the perspective that's AP perspectival and sees everything yeah  
1:07:10  
very good and I mean and you you can think of it even that like when you  
1:07:17  
start thinking this way then you're you're getting closer to actually putting the things together to unify  
1:07:23  
physics because you're starting to talk in terms of information right you're talking about  
1:07:31  
the in like the you know a point holding a set of information that's different  
1:07:37  
from all the other sets of information so now you have distinction  
1:07:42  
you have points of information interacting together and exchange of  
1:07:47  
information and so and and so now you can start calculating in terms of  
1:07:53  
information and when you do you get right answers right it's remarkable  
1:07:58  
because you know you can talk about it in philosophy but then if you can write  
1:08:04  
the equation now you have engineering MH you understand how the universe  
1:08:11  
works fundamentally like analytically and now you can start  
1:08:17  
making technology that works the same way right and now you have technology  
1:08:24  
that's vastly vastly more advanced than what we have today which is possibly and most likely  
1:08:31  
what these alternate star system civilizations which I fully believe are  
1:08:37  
exist have been able to access which explains the phenomenon that occur about  
1:08:43  
how these ships travel and how these things fing our atmosphere and even in  
1:08:49  
even in the vision State like non non-material beings that appear you know  
1:08:54  
they're traveling you know they're traveling in a different way through a different energy source this Quantum  
1:09:00  
kind of energy source they just tapped into the fundamental energy source of creation so and since it's curved  
to  
1:09:07  
Infinity everywhere it's already all warhold it's already this is why there's  
1:09:14  
entanglement we measure in laboratory quantum mechanics told us  
1:09:19  
that you know actually Einstein wrote these papers with Rosen and  
1:09:26  
pedasi showing that like quantum mechanics must be wrong because it's saying that like things could be  
1:09:33  
entangled Across the Universe right that like a particle over  
1:09:38

here if I changed it it could affect a particle on the other side of the universe  
1:09:44  
instantaneously and he wrote these papers trying to disprove quantum mechanics or that interpretation of  
1:09:51  
quantum mechanics but in two months he wrote another paper showing that oh even  
1:09:57  
in relativity you know um they could form SpaceTime could form warm holes  
1:10:04  
that connected two points in the universe um instantaneously  
1:10:10  
mhm and most physicists didn't really understand what Einstein did there yeah  
1:10:16  
and and and most I mean they call it spooky action at a distance right CU spooky because it's like what the  
[ \_\_ ]  
1:10:21  
is going on here because we don't understand it and people didn't clue in that actually Einstein tried to solve  
1:10:29  
that problem with wormholes mhm they think that he wrote two papers independently although the writers were  
1:10:36  
very much the same people right it was Rosen and Einstein for wormholes and Rosen and n and pki and for the  
other  
1:10:44  
and so but this this not you know like he was trying to understand this like  
1:10:50  
wait SpaceTime is like a fabric that's like networked you know  
1:10:55  
and he he wrote it for particles not for black holes in the universe you he saying particles seem to be like  
1:11:03  
wormholes black holes Network so so what is so a wormhole to me if I'm  
1:11:09  
understanding what a wormhole must be it must be just a way that things connect through the unified field  
that's right  
1:11:16  
right that field that Zero Point Energy fluctuating field is like has structure  
1:11:24  
to it that con connects like all it's like the black holes are the Hub and the  
1:11:30  
wormholes are the wires that connects the Hub of Network and and there's basically infinite wires that's right  
1:11:36  
and infinite wormholes and and the wormholes are plunk scale right so  
1:11:41  
they're the the most micro micro micro wormholes right and and when and when  
1:11:48  
information go through cannot be plun scale so it's hyperplan it's it's supl  
1:11:55  
yeah cuz it's just in it's in the unified field at that point yeah and so and so because we have the scaling  
now  
1:12:03  
yeah in our equations I can calculate the speed of the sub blanan  
1:12:08  
field wow I can calculate how fast the universe is thinking we think it's  
1:12:15  
instantaneously by you know the measurements of entanglement but that's  
1:12:21  
because we can't measure very fast yeah so fast it's faster than the speed of  
Spacetime or Spacememory?  
1:12:27  
light by 10 to the 40th orders of magnitude so  
1:12:32  
when because you see if the whole thing this is another thing that's very  
1:12:39  
prominent in ancient civilization it says that the whole thing is network and organized MH it's not like that  
chaos is  
1:12:48  
only a perspective right right if you got your nose in the rug you can't see  
1:12:54  
the pattern you think it's chaos but if you back up then you start to see the pattern right yeah the whole MOA  
yeah so  
1:13:01  
so so so then I because if the whole thing is Network that means it's  
1:13:07  
feedback of information through this network right then the universe has to  
1:13:12  
be like updated every you know instant  
1:13:18  
right by entanglement and so I calculated at the speed of light the universe would break  
1:13:24  
down like you know it would take billions of years for information to go from one side of the universe to the  
1:13:29  
other so that everything could be in the correct order of relationship MH so  
1:13:36  
this is this is let me just finish I I calculated at the sub plun in speed how

1:13:43  
fast the universe is updating just for our universe not which is like the pulsing yeah the pulsing right and it's

1:13:50  
updating at 10 to Theus 222 to for information to go from one

1:13:56  
side of the universe to the other okay and it just happens to be the time that it takes a proton to do one turn uhuh

1:14:06  
uh you see you see how it's all based in the it's all relationship of oscillators

1:14:12  
so there's a lot of esoteric and spiritual teachings that say there's a

1:14:19  
place or dimensionality Beyond time and I think they use entanglement and I've seen this used that I'm not saying it's

1:14:25  
correct but they use tanglement to say it's instantaneous right but there it

1:14:30  
really didn't make sense to me instantaneous necessarily what does that mean it's used in physics what do you

1:14:36  
mean by instantaneous right and what you're saying is it's no it's not instantaneous that time time and space

1:14:43  
are connected and so there is no space without time and there's nothing there's no atemporal existence it's just going

1:14:51  
down to such an infinitely infinitely fast fast exactly speed that it's almost

1:14:58  
immeasurable for us definitely even information going across the universe

1:15:03  
would look instantaneous and so as as long as there's differentiation of any sort because in the Stillness is

1:15:09  
absolute Singularity right and there's Stillness where everything is just one so there's nothing moving and there's no

1:15:15  
memory there's no time there's no that's at the center that's the center of everything but everything else it's just

1:15:20  
scales of time that's right that makes way more sense to me and and even deeper

1:15:26  
than that time is not a fundamental concept viewed from this

1:15:32  
perspective um memory is a fundamental

1:15:37  
concept right so so no memory no time if you don't know what happened before you

1:15:45  
can't see an evolution in time do you see what I mean so I Chang

1:15:52  
the word SpaceTime for space memory so I have a paper call you know space memory network uh that's a biophysics paper

1:15:59  
that got cited actually better than my physics papers but um uh this so

1:16:07  
basically if you look at um so so think

1:16:12  
of time is really just different sets of information in in coordinates along a

1:16:21  
line so for instance think of the Earth spinning around the the sun right so we

1:16:26  
keep thinking that the Earth spinning around the Sun is like going around in a circle that's false right that should

1:16:33  
never be taught to students it's incorrect the sun is moving in our galaxy and the the the planets are

1:16:40  
spiraling as the sun is moving through the Galaxy we're like billions and

1:16:45  
billions of you know kilometers away from where we were last year and and and

1:16:53  
as we think of it say like we're leaving information in the structure of space in

1:16:58  
in this network as creating a record in the Akash that's right which is the which is the grand Memory Bank of all of

1:17:06  
all things which is was known by ancient civilization right and that is actually

1:17:11  
memory even the memory of your mind like your memory is you accessing information

1:17:19  
that was left in these coordinates when you were young for instance yeah and and

1:17:24  
so and and it's malleable meaning you can change it okay and and so and and that's not

1:17:34  
prohibited by Einstein Phil equations by the way um but but what I'm saying is

1:17:41

that it's better to think of time as information MH in coordinates in space  
1:17:47  
MH and so so basically when a bit of information leaves one side of the  
1:17:54  
universe because you've changed the state of a particle it's  
1:18:00  
information that is transferred to the other side do you see yeah  
1:18:07  
and the time it took is just the entropy  
1:18:13  
of this information having to go over there mm do you see right right and and  
Opposing Forces & Polarity  
1:18:20  
this entropy this little energy lost is what we call Mass it's it's actually the  
1:18:29  
the the energy of creation so so the whole thing is thinking and as it's  
1:18:36  
thinking it's making matter it's making creation it's thinking slring right like  
1:18:43  
and record recording and so that would be that that entity if you wanted to call it that that is the ultimate  
memory  
1:18:50  
would be you could call that God I suppose yeah you could yeah it's just I  
1:18:55  
I'd rather not use that terminology because that word means so many different so many different people and  
1:19:02  
and you don't have to you can rigorously physically actually understand the  
1:19:08  
nature of the universe you can it's not something you absolutely can and it's  
1:19:16  
hard for people to believe that when I talk to physicist just recently a physicist at Burning Man you know it's  
1:19:23  
like how can you be so confident because it's analytical it's straight up analytical  
1:19:29  
and it works right it's not all publish I I've published this paper is a series  
1:19:36  
of three that are coming out and there's all kinds of papers are going to extend from that I'm working on a  
biophysics  
1:19:42  
paper right now that I was telling you I'm excited about um because when you do the scaling you actually end up  
with  
1:19:49  
microtubules in the brain when when you do the scaling you you realize that you  
1:19:55  
can actually microtubules are like the worm holes at the bio at the biological  
1:20:02  
scale if you'd like right right which is the structure in in the neurons that are like exchanging information  
that you  
1:20:10  
call thinking MH right so you can actually extrapolate to biology and why  
1:20:17  
biology becomes Co like why is there coherency you're made out of 100  
1:20:22  
trillion cells 50 to 100 trillion cells and each one is made out of 100 trillion  
1:20:29  
atom that is complex seriously stressful  
1:20:35  
level of like you know coherent Behavior because the universe desires coherency  
1:20:41  
desires ever greater intimacy and complexity there's a there's a desire at the core at the core of the cosmos  
the  
1:20:49  
system is self interacting so it has feedback so it will self organized into  
1:20:55  
higher and higher level of coherency but our current theories have only noticed  
1:21:01  
the Deery we've only looked at the radiation part not at the collapsing part at the  
1:21:09  
part that's going into coherency it's like we've only looked at  
1:21:14  
the water going away from the drain not the water that's falling into the drain and but in order for de  
coherency  
1:21:22  
in order for entropy to occur must be centropy they must be neg entropy so are  
1:21:30  
you are you are you starting to talk about this forces of polarity whereas there's some some expanding like  
light  
1:21:38  
expanding and then there's another Force pulling like the antithesis of that is that which is gravity okay yeah  
so I'm  
1:21:45  
I'm showing you so put it back into the plun plasma I call it this fi the plank

1:21:50  
plasma said this PL and imagine all this smoothie of it's billions and billions  
1:21:56  
of plank just for a proton right it's a trillions of PL and when you calculate the energy of all these plank  
you get  
1:22:02  
the exact mass of the universe by the way so so we're clear in the proton when you calculate the mass of all  
the little  
1:22:09  
plun spinning you get the mass of the universe and then when you calculate the radiation energy of that black  
hole you  
1:22:16  
get the standard mass that we measure but but I I I want to I want to  
1:22:22  
say so so imagine that that's spinning right and and  
1:22:28  
there's think of this fluid Dynamic plung plasma is radiating out at the  
1:22:33  
equator that's the electromagnetic field and the stuff that's going back in That's Falling in the the  
circulation of  
1:22:42  
this plun plasma that's why when you said this track that the God was on is  
1:22:49  
circulation when you write this equation using circulation when it's circulation then you get the right  
gravitational  
1:22:56  
field that we measure at the proton scale that's holding the nucle together that we call  
1:23:03  
the strong force or the Color Force you get the right value right okay yeah okay  
1:23:09  
so you got so so you have a flow out and you have a flow in and that's and that's the polarity so for every for  
every out  
1:23:15  
there's an in there's an in exactly yeah and those forces are in dialectic tension so to speak that's right at  
the  
1:23:22  
Horizon and that's why you've created a bubble whether it's a proton or a star  
1:23:28  
or a Galaxy yeah and and if you tell a physicist that the sun is a black hole he's going to tell you no that's  
false  
1:23:36  
why because he's solving Einstein fi equations using the plunk uh the the the  
1:23:41  
call child solution which is it's funny it It's really funny  
1:23:47  
because whenever you use Einstein field equation and we use it to describe the  
1:23:55  
dynamics of planets spinning around stars or whatever every time you do that  
1:24:01  
you make a black hole with the star you make a black hole with the planet and then you get the right answer  
every time  
1:24:08  
you're using KW child solution every time people don't realize that they get  
1:24:15  
taught the equations they don't think twice they use this they've made a black  
1:24:21  
hole with the sun and the black hole with the with the with the planet to get the right answer um and so the  
they and  
1:24:30  
and so okay so so why is he going to tell you it's not a it's not a black hole the star is not a black hole  
that  
1:24:36  
the sun is not a black hole he's going to tell you that because if you solve for the mass of the sun with CW  
shell  
1:24:44  
solution of Einstein fil equation the radius of the Sun would have to be like 18  
1:24:50  
kilometers it shouldn't be what we see right but that's assuming that the  
1:25:00  
mass man they don't understand their own equation like listen the equation  
1:25:07  
says that at certain density light could not Escape anymore it's a density  
1:25:14  
equation mhm if you assume that the density is homogeneous throughout the  
1:25:20  
sun then of course it can't have that radius MH and be a black  
1:25:26  
hole but you could have a black hole inside the Sun MH that has the correct  
1:25:31  
density for it to be a black hole MH right and then a space and then the  
1:25:38  
plasma that's spinning around it just like a Galaxy right and the two the

1:25:43  
plasma Mass plus the black hole in the middle is the mass of the Sun You observe and you would have no idea mhm  
1:25:50  
either than two things that we measure that would give us an idea and certainly  
1:25:57  
give me an idea okay one is that there would be region on the surface of the  
1:26:03  
Sun that would like where matter would like tend to want to fall  
1:26:09  
in right and it would make like spots where it's really dark because photons  
1:26:16  
would be sucked in and plasma would be sucked in and all this do we see that on the sun of course they're  
called sunspot  
1:26:24  
some of them are like 14 times the size of the Earth they're not small events  
1:26:30  
they're huge vortices on the sun right that are absorbing material and out of  
1:26:36  
these holes of soundspot radiation comes out okay x-ray  
1:26:43  
it's the highest level of X-ray right this is exactly what you expect when particles falls into black hole so  
if  
1:26:49  
you imagine if you imagine a sun and you applied the yin-yang symbol from from dosm right which is and of  
course it's  
1:26:57  
designed in a flat thing so it's not exactly it's not exactly I think accurate from a physics perspective  
1:27:03  
model but there's the black part of the of the symbol and then there's the light  
1:27:08  
part of the symbol and you could imagine that there's the black part then would be the black hole the sucking  
in that's  
1:27:15  
right the white part would be the expanding out of light but each sun is like a little yin-yang each atom is  
like  
1:27:21  
a little yin-yang where there's very good where I love your mind man thanks it's  
1:27:27  
remarkable you do very good because those concepts are complex but you know  
1:27:33  
you um this is why I made a 3D rendering of the ying-yang showing it was a Taurus  
1:27:40  
for the white part to be in the black and for the black part to be yes it had to be a Taurus in 3D that's why I  
did it  
1:27:48  
wow I didn't see that yeah I'll have to show you cute that's very cool I've  
1:27:53  
realized in my own in my own study of myself I also you know if I think of  
1:27:58  
myself let's say I'm a I'm a planet or whatever there's a part of me that's the light the life that's that's  
emitting  
1:28:05  
right and then there's also a part of me that I call anti you that's actually sucking and actually like pulling  
1:28:11  
against me cing you yeah and it's like pulling pulling against the expansion and but also necessary for the  
creation  
1:28:19  
yeah of who I am if you didn't have that Center you couldn't exist right like all  
1:28:24  
the Masters talking about go to your Center be in your Center look inside to  
1:28:29  
your Center like which is then looking back into the unified field and seeing seeing the force that connects  
1:28:36  
everything and then and the spin that radiates you every day right because  
1:28:41  
you're burning carnal energy like you're burning like at 100 degree Fahrenheit  
1:28:48  
all day long seven days a week Tre and if it varies by a few degrees you're  
1:28:53  
having a really bad day right it's got to stay pretty steady right nonstop  
1:29:00  
right it's significant amount of energy we can get into that but I want to give  
1:29:05  
you the second evidence for the sun um which is more recent when we measure the  
1:29:12  
gamma ray emission of the sun it's it's nothing like it should be like we're measuring way too much Gamay  
emission of  
1:29:20  
the Sun and that you know it if you calc how much  
1:29:26  
like what would be the source of such gam emission you'd have a black hole in  
1:29:31

the middle and so these are things and there's there's other example there's  
1:29:36  
the neutrino issue there's all kinds of things  
1:29:42  
including this is really important including that when we see a star explode and people think it's very rare  
1:29:50  
that the star explode it's not like if you look at galaxies it's like um it's  
1:29:55  
like uh you know Christmas lights in a galaxy you know boom boom boom boom boom  
1:30:01  
it's constantly blowing you know this the stars blowing their their their  
1:30:08  
envelope continuously and when we and and we call it the the death of a star  
1:30:14  
or it's called a supernova right the super noova explosion what do we find  
1:30:21  
after the star is dead we don't find like oh there's nothing there anymore  
1:30:27  
because it just blew all to shredding you know it that's not what we find we find  
1:30:33  
a pulsar or black hole in the middle Pulsar is basically a black hole you  
1:30:38  
know and and and we you know and if you and then people  
1:30:44  
are realizing you know oh they call it a pulsar when they're looking on the side but if they look down the  
poles they  
1:30:49  
call it a black hole you know anyway so you're finding a super energetic black  
1:30:55  
hole structure mhm and we have this completely reverse in astrophysics we  
1:31:02  
think that it's because the star exploded that there's a black hole as if  
1:31:08  
you know an explosion it would have to be absolutely completely  
1:31:14  
symmetric it's not possible for an explosion to produce a black hole the  
1:31:19  
black hole was there first mhm that's what made the star the black hole is the  
1:31:26  
spin of the quantum vacuum energy in that region of space and then it gathers  
1:31:33  
matter it makes matter right because it's making smaller spins right that we  
1:31:39  
call protons and then eventually it gathers enough material so that it lights up right because there's enough  
1:31:46  
energy there's enough friction in the system there's enough Fusion that the thing lights upes and just and go  
so  
1:31:53  
it's it's actually creating more and more energy from the zero point field more and more and more energy until  
1:31:58  
finally it can't hold that energy and and it it drags it starts dragging on  
1:32:03  
SpaceTime so much and and there's the carbon cycle that we observe in our sun  
1:32:09  
where you know the the other layers start cooling off and they start making a shell and then the the energy  
builds  
1:32:18  
inside and then eventually bam it blows mhm and when it blows it puts material  
1:32:25  
everywhere in its vicinity right this material reorganize on smaller vortices  
1:32:33  
of SpaceTime MH right of the vacuum fluctuation and makes Planet MH this is  
1:32:40  
why the first exoplanets we found planets outside of our solar system we found we found them around pulsars and  
1:32:47  
everybody was like how can there be planets there right it just blew up like  
1:32:52  
how can there be planets that's because and and as well this is why  
1:32:58  
we're missing 80% the mass of the galaxies we have to add Dark Matter this  
1:33:03  
dark matter Dark Energy thing it's just because we haven't calculated the quantum vacuum energy and the  
Dynamics  
1:33:10  
of such a thing inside the Galaxy as soon as you put that in you get the right answers so you know  
1:33:18  
basically it's the Smoothie Universe you just got to think of it that way and now you can start to  
1:33:24  
see yeah you know earlier on when I was presenting in physics they were telling  
1:33:30  
me planets are probably extremely rare and because of their model and from my  
1:33:36

model I was saying planets should be around almost every Star because they go through this cycle of blowing material  
1:33:44  
out that reorganizes in planets this is why all the material we see in our solar  
Real Life Applications  
1:33:50  
system we know came from the Sun mhm right this is because you know the  
1:33:57  
protoplanetary disc we are in the other thing they notice is that oh it's  
1:34:02  
bizarre our sun is in the middle of this bubble of nothing that's because and they and they  
1:34:08  
say well they must have been a supernova explosion near our sun that made that  
1:34:15  
moved everything out and it's like no if if there was an explosion a supernova  
1:34:22  
near our sun our son would have been moved out with the rest of stuff it's our son that has gone through one of  
1:34:30  
those Cycles right and that has made planets and so I predicted there would be  
1:34:35  
planets around pretty well every Sun every Star and that's what we're finding  
1:34:41  
we're actually having a hard time finding stars that don't have planets right and we're having a hard time  
1:34:48  
explaining why we're finding super massive very mature galaxies and black  
1:34:55  
holes at the beginning of the universe because now with our telescope we can see almost to what we call the big  
bang  
1:35:04  
right and we see huge black holes and galaxies there in the standard model  
1:35:10  
should not be there MH but that's because of course this it it is the  
1:35:16  
source of the Galaxy not the result it's the source of stars not the  
1:35:22  
result it's the source of matter not the result you know like it mass is  
1:35:31  
generated by this fundamental field is there such a thing as like anti-mass or  
1:35:38  
or a vacuum that is the antithesis of of mass itself in some level as as you kind  
1:35:44  
of balance the equation right so if there's something that's in articulation then there's something that's in  
the  
1:35:50  
antithesis of that articulation magnetic field is what you  
1:35:55  
could call enti Mass uh right it's it's what radiates out and that's why Photon  
1:36:03  
have zero Mass right it's what radiates out so when it  
1:36:09  
radiates out when the plun field when this fundamental field is is moving out  
1:36:14  
it's um it's going towards zero mass and when it's going in it's going towards  
1:36:21  
infinite Mass you see and then if you if you I'm trying to get this in words of  
1:36:29  
course that a little bit difficult but I I'm hoping your followers are following  
1:36:35  
yeah I I really I know it's it's Technical and I hope it's interesting to  
1:36:43  
them because really it sits at the center of our  
1:36:48  
existence and I think it and it will bring technology that will change the  
1:36:55  
world fundamentally and you know I don't like using this sentence but it will  
1:37:00  
save the world like yes and I I'm it's not a saving thing because it's it's  
1:37:07  
just a natural evolution of any societies they eventually figure out how  
1:37:12  
the electromagnetic fields works and because it's easier right because it's  
1:37:18  
radiating out so it's easier to understand and then eventually they  
1:37:23  
figure out how the gravitational field emerg from the foundation of the  
1:37:30  
electromagnetic field from this ground state of the electromagnetic field and  
1:37:36  
that's the second step of an advanced civilization right and then when they  
1:37:41  
have that they have not only almost infinite amount of energy available to  
1:37:46



them but they have gravity control so they don't need to be on the surface of a planet anymore they control gravity  
1:37:55  
they can make Ships In Space the size of planets if they want to right because as  
1:38:00  
soon as you can control gravity you all of a sudden you can do whatever you want you can go to Jupiter for the weekend  
1:38:08  
you see and that changes your Consciousness fundamentally right so then yeah so I  
1:38:13  
think for the second part of this podcast you know now that we understand the universe in a deeper way yeah I'd  
1:38:20  
like to go into okay so how does this how does this impact an ordinary  
1:38:26  
individual as they're on their own path of evolution and transformation right  
1:38:32  
like so how do how does somebody who's listened to all this hopefully kept with us in this deep understanding had their  
1:38:38  
mind blown several times like I have and then how does this actually apply to an  
1:38:44  
ordinary person how does that change how they go about living their life oh there's so many ways it's so incredible  
1:38:52  
to understand this um at the most profound level you like I think that I  
1:39:02  
at least to start with a sense that you're part of something much like  
1:39:08  
you're not isolated you're connected to this whole incredible mechanism of  
1:39:15  
creation and that you're like you know part of this Universal Network thinking  
1:39:22  
MH that your thinking matters that it's part it's like one bit in the Universal  
1:39:29  
brain if you'd like and that like you have your role to play yeah like someone  
1:39:34  
said the sum total of all Minds in the universe is one exactly right but we're participating in the one mind uniquely  
1:39:42  
as our unique participation so that the the universe is a seamless but not  
1:39:49  
featureless you know experience like you're the trillions of neurons you know  
1:39:55  
firing in your brain right they collectively produce coherent thoughts  
1:40:00  
right and all the and so you can think so so to to actually land that to to  
1:40:08  
integrate that that you're not isolated that you're connected that you're part  
1:40:14  
of a that there's a fundamental pulse of creation at the source of your existence  
1:40:19  
I think that's really profound and there's many layers to that realization  
1:40:25  
you know there's many layers to and and and to do that like now you have  
1:40:32  
mechanical equations you have you know how to get get there right you know you  
1:40:38  
have to go instead of outside the Event Horizon which is the radiative side you  
1:40:44  
know you have to go inside the Event Horizon right you and it's not in uh  
1:40:51  
esoteric way you literally you have to integrate which is really powerful for  
1:40:56  
spiritual thoughts you have to integrate your physicality instead of trying to  
1:41:03  
separate which is a lot of what this spiritual uh behaviors tend to do uh  
1:41:10  
instead of separate from the physical world you want to integrate the phys you  
1:41:16  
want to go inside because that's where Singularity is right so to to start to experience  
1:41:24  
yourself as 100 trillion cells for instance right you think I'm one person  
1:41:29  
but I'm not one person I'm 100 trillion cells it's non-trivial right and and every second  
1:41:36  
I'm making millions of cells right every second I'm I'm dividing about a million  
1:41:42  
cell and and and every and there's billions of chemical changes occurring  
1:41:48  
for me to continue to be here and if that thing decco air you know like I was  
1:41:55  
saying if you start heating up by a few degrees it's not going to be good if your if your blood plasma you know

1:42:02  
change pH by 01 of degree uh uh 0.1 um  
1:42:08  
you know alkaline or acid uh you're not feeling well if it's going 02 you're  
1:42:16  
like seriously sick and you're near death three you're dead right so like  
1:42:22  
you know like this incredible thing that's happening that's keeping you  
1:42:28  
alive right this incredible organization that you're part  
1:42:34  
of is keeping you alive it's a pulse you know they and and  
1:42:39  
so to to integrate that at the biological level is one thing but then if you go further and you go even  
1:42:47  
further inside yourself and integrate that each of these cell is made of 100 trillion atom  
1:42:54  
now you've gone to the level in which you're like you can start to experience yourself as like you know photons  
of  
1:43:02  
light emission and light absorption and you know you start to see yourself more as a I think what ancient  
civilization  
1:43:09  
describe as the light being that you are you know you know Soul or whatever you  
1:43:16  
know but through the material world not separate mhm now so the non-material  
1:43:22  
entity ities which you know 25 years on The Psychotic path I encounter non-material entities and even the  
1:43:28  
non-material entities of past living things right in some way I guess I could  
1:43:34  
look at that as I'm accessing the memory of what was once a physical entity  
1:43:40  
that's right you you very good you you're accessing the information of that  
1:43:46  
entity continuing on its path it does it the information that cannot this very  
1:43:53  
clear principle of conservation of information in physics that show you you  
1:43:58  
can't lose that information when an entity set of information cannot be lost  
1:44:05  
MH so it's it's not limited to being in the  
1:44:11  
physical but you see this is where we get in problem in in trouble with words  
1:44:16  
because when I'm saying information I'm information in in physics is is  
1:44:22  
equivalent to energy I'm still talking about something physical right mhm it's just not in the  
1:44:31  
physicality of a body mhm but it's still an energy that's cannot be lost yeah and  
1:44:39  
so it can continue on its path and it can and it's absolutely valid that it  
1:44:44  
could reorganize into something that has a body right which is reincarnation  
1:44:50  
which is the concept of reincarnation yeah and and so this but this this non-physical entity is not made of  
atoms  
1:44:59  
at this point it's made of energy and remember I've I've shown that atoms is  
1:45:05  
just coherent energy right right so it's it's it's coherent coherent energy  
1:45:13  
Beyond the Horizon of mass right exactly it's it's energy that's still coherent  
1:45:18  
yeah but at a different state of density mhm in the energy scales of our  
1:45:26  
universe yeah you see and and at that's at that density of information in the  
1:45:34  
energy Scale of the Universe to you at this density it appears like it's not  
1:45:40  
there anymore yeah you you've lost communication capability with this  
1:45:45  
information set yeah or you might have communication capabilities but then  
1:45:51  
people think you're or you're you know or Channel Channeler or whatever what's interesting about  
1:45:58  
this is like these non-physical entities can impact can impact my physical my  
1:46:04  
physical body like I can feel them when I'm in a journey I can feel when these entities I had this iasa  
experience  
1:46:10  
recently where this giant mantis being was like this massive interdimensional

1:46:16  
Doctor Who was going in and fixing things and I could feel when it would it felt like light but it was going inside  
1:46:22  
my body body and like the the in iwasa they call them the doctos or this this  
1:46:27  
Grand doctor that was just adjusting and manipulating you know the actual mass  
1:46:33  
and and field of energy in my own in my own body through the etheric field and right and there yeah and and we can do  
1:46:40  
that to each other this field of information we control it right which is  
1:46:45  
like the mirror neuron effect the energy that we're we're sharing with each other that's impacting each other because  
1:46:50  
we're all entangled through this field through the field yeah and we can we can  
1:46:56  
so so you're saying what is the one of the impact well when you understand the mechanics of this field you understand  
1:47:03  
the atoms You're Made Of and the information that is you inside these  
1:47:08  
atom is uh interacting with this field then you can say okay well you know I  
1:47:13  
feel like my liver needs a little more energy right which is typically always  
1:47:20  
for me because I I I push I put my liver to the test yes I'm very  
1:47:28  
guilty and and you you can direct this energy and and people that are good at  
1:47:34  
directing this energy which was well known by like  
1:47:40  
taii yeah these people are called healers right because they can direct  
1:47:47  
this energy and help recover you know from C certain regions in your body that  
1:47:53  
might uh start decohering because they're uh becoming  
1:47:59  
separate there's a decoherence in that region of of space and and and the  
1:48:04  
coherence it can become decoherent when there's a lack of energy right so there's one Otto von warberg has this  
1:48:11  
metabolic theory of cancer which I think is very interesting which is saying that cancer develops from a failure of the  
1:48:17  
mitochondria to produce sufficient energy very good and how does the mitochondria  
1:48:23  
produce energy do you know the Krab cycle I I don't know yeah but it's it's  
1:48:29  
a little motor electromagnetic motor that's spinning like a bad out of hell  
1:48:36  
it's a the the mitochondria has all these little mortars that are separating electrons from protons and creating a  
1:48:43  
potential an energy potential they're spinning at like 60 6,000 RPM if you're doing nothing but  
1:48:51  
if you're running a marathon they're spinning at 60,000 RPM mhm these little  
1:48:57  
Motors and and and and in a marathon you will you will recycle approximate going  
1:49:05  
through these motors approximately a ton of ATP which is the molecule of energy  
1:49:11  
of your cells and when these motors start to break down they start not  
1:49:16  
spinning as well and not spinning as fast and all this they start and by the  
1:49:21  
way they're doing this in water right so it's fluid dynamics I want to remind  
1:49:27  
right and and and when they start to break down then the cells start to make  
1:49:33  
errors and it's dividing and this is literally getting old yeah so it's a it's in we're not  
1:49:42  
actually supplying the sufficient amount of energy to keep coherence and keep so it starts  
Advanced Human Capabilities  
1:49:48  
decohering so that it can reorganize at a different energy level  
1:49:53  
and and when but knowing this knowing that that  
1:49:59  
pulse that's making all this work is coming from the Zero Point Energy you  
1:50:06

can with the right technology recare the space inside your body so that this  
1:50:14  
decoherence does not happen or reverse the decoherence by improving the  
1:50:20  
mitochondria so one of the treatments that Travis Christopherson talks about one of this one of the treatments  
to  
1:50:26  
support the mitochondria to produce more energy right is restricted ketogenic  
1:50:31  
diets which actually allow you to get you know Ketone energy Fuel and also  
1:50:37  
rehabilitate the mitochondria along with hyperbaric oxygen so you're packing in more oxygen more energy that's  
coming  
1:50:44  
from these oxygen molecules also breath work can do this so you're packing the body with more vital life force  
energy  
1:50:50  
triggering an increase Thea and then that the body the  
1:50:56  
miraculous you know capability that's possible it's really about how much  
1:51:02  
energy can you put back into the body whereas on the other side it's like okay let's attack the cancer and then  
you do  
1:51:08  
all of these treatments radiation and chemotherapy which is sucking the energy out of your body there's a good  
chance  
1:51:14  
it's going to decohere you to the point that yeah you've killed the cancer but you killed the guy with it right  
right  
1:51:21  
and so so there may be specific instances where this is important for this specific thing but fundamentally  
1:51:26  
underneath that you have to be supporting your vital life force energy which is about your thoughts your  
1:51:32  
beliefs your connection to the the field the information that you're moving  
1:51:37  
through the feedback of your field exactly when you talk about thoughts and  
1:51:43  
beliefs and how you're functioning in the world this is what you're sending in the field and that's what the  
field is  
1:51:49  
sending you back as your reality right this is the feedback I'm talking about  
1:51:54  
like that that is you're in charge of that one that's your job right you're  
1:52:01  
not taking care of the 100 billion you know chemical change that has to happen every second for you to stay  
coherent  
1:52:08  
but you have you have the responsibility of what you're putting in the field your  
1:52:13  
interpretation of the field so that the field can feed you back what you can you  
1:52:19  
know the the best experience right and and so really that that's really  
1:52:25  
important to know like you see there's so many implications um because there's  
1:52:31  
remarkable things there's all sorts of anomalies you have people in India and I  
1:52:37  
I've played with it I'm just going to leave it at that uh that don't eat like  
1:52:43  
there's a famous case of a guy that was studied by NASA you know like you know  
1:52:49  
they put him in a chamber where they measured everything the guy hasn't ate since he was  
1:52:55  
18 he was in his 70s I believe or late 60s when they did the test okay the guy  
1:53:04  
doesn't eat doesn't drink um you so a breatharian yeah brarian right and  
1:53:09  
that's real oh absolutely wow I've talked to the doctors that did the test  
1:53:15  
you know they were all mind blown right they couldn't believe it you know um and  
1:53:22  
like they they have like scans of his bladder filling up with only absorbing the only  
1:53:28  
thing that can account for that is I mean it seems like at some point he would have to replenish the water  
itself  
1:53:35  
though right well that's what I was saying because eventually sweat but so he stopped sweating he stopped  
sweating  
1:53:42  
he stopped sweating he could he was not sweating we're talking somebody you if you put him in a sauna he'd be  
[ \_ ]

1:53:49  
maybe I don't know I don't know if they tried that but I the the guy you know  
1:53:55  
and and I mean it's remarkable but those are tests that were  
1:54:01  
done by NASA and very serious scientists in India um and the only thing that can  
1:54:06  
that can account for that is the is this Zero Point Energy that we have access to consider  
1:54:13  
this there is a problem in the current views of  
1:54:21  
nourishment meaning when you're recycling a ton of  
1:54:27  
ATP when you run a marathon do you really think that it came from the eggs and bacon you ate that  
1:54:33  
morning right I mean I tend to believe and you know from  
1:54:40  
personal experience I don't need to discuss but you know that  
1:54:46  
actually everybody is feeding off this fundamental pulse of energy MH at the  
1:54:53  
quantum scale and actually the paper I'm about to publish in biophysics demonstrate the scaling that produce  
you  
1:55:00  
know the the activity of the brain but when when you when you think of it this  
1:55:07  
way then you could say maybe I'm just supplementing  
1:55:13  
because when you calculate the amount of energy it takes to break down the food get it into your blood get the  
glucose  
1:55:21  
getting into the mitochondria all this and the amount of energy you're burning  
1:55:27  
every day it doesn't add up it doesn't add up so it's like  
1:55:34  
there's a deficiency somewhere there's another source of energy let's put it that way but at some point at some  
point  
1:55:41  
that is not rigorously done and it needs to be done rigorously I just want to put  
1:55:46  
that as a caveat I know that NASA did some tests you know they made a su where  
1:55:52  
they could like completely enclose like calculate all the energy the the body  
1:55:59  
uses and all this which is it's it's remarkable it's it's significant amount  
1:56:05  
of energy um and uh yeah it doesn't it doesn't quite add up it seems like you  
1:56:12  
know even in this case let's assume that this case is true and this guy didn't eat from 18 it seems like for  
the growth  
1:56:18  
necessary to reach the maturity of the body he probably did need to with different proteins and different  
1:56:24  
particular forms he did need to eat a child needs to nurse at the breast you know to actually build build and  
grow  
1:56:31  
and grow but once you reach a point of stasis like this guy's not gaining weight no you know because he because  
1:56:38  
that would require that would require more yeah more supplementation but he walked every day a few kilometers  
every  
1:56:46  
morning and every night so he was able to replenish the energy that he was burning from this alternative energy  
1:56:51  
source exactly that's you know that's really mind BL I always thought I always thought breatharians were just  
closet they just  
1:56:58  
they just ate in a quiet secret and drank in a quiet secret place I'm sure there's some of those but that's  
another  
1:57:05  
thing I'm sure there's some of those yeah but because it's the ultimate Flex it's like what what's your diet  
breath  
1:57:12  
yeah yes but you know there's remarkable things I mean um there is all kinds of  
1:57:19  
organization now that are showing kids out to see without their eyes mhm you  
1:57:24  
know I've seen I've seen some of that it's remarkable you know there's a there's a thing called Viber Vision a  
1:57:31  
group of people in the US that are teaching that there's people in India teaching that all this and it's  
1:57:36  
remarkable these kids literally you know you blindfold them like they can catch  
1:57:42

balls yeah we've put sensor in there you know to make sure there's no photons  
1:57:48  
going in right and and make sure they cannot see right they cannot see they  
1:57:54  
have like patches on their eye plus a mask and everything and and they read a book and they don't have to open  
it you  
1:58:02  
know it's [ \_\_ ] remarkable you know why because they're accessing  
1:58:08  
information that's in the field mhm right so so one of the key these are  
1:58:15  
remarkable things of course and and I think one of the key things that I've really the reason why you know in  
you're  
1:58:22  
very generous in complimenting my mind the reason why I I believe that I have any intelligence at all is  
because I've  
1:58:31  
practiced the art and and actually the medicine lineage and Technology of  
1:58:37  
accessing the field like so much of the information that I'm getting is for me accessing the field Beyond me so  
it's  
1:58:43  
like it just feels like a blessing that I'm able to create the bridge yeah and  
1:58:49  
it's you know it has its own problems because in the bridge gets translated through it I'm not always fully  
right and things mature and evolve but but the  
1:58:57  
accessing to this field of information which is what allows all of these  
1:59:02  
Mystics and all these ancient Traditions to access information that was Bey far beyond the comprehension that  
they yeah  
1:59:09  
consider that maybe all creative thoughts you know all  
1:59:16  
discoveries mhm they came if you when when Einstein was asked where did you  
1:59:21  
come up with this you know it's like you know it was internal you know uh Imaging and gut  
1:59:30  
feeling and you know like instinct and you know he said like himself you know  
1:59:38  
that that instinct or imagination is more important than facts right because  
1:59:44  
that's the source now eventually you have to like make sure that the facts  
1:59:50  
work with what you came up with but but where like you know creativity  
1:59:57  
where does it come from it's an internal thing or like the pro the Musical prodigies who can just sit down at a  
2:00:04  
piano and play a concerto right you know they're like channeling into a a rhythm and a vibrational pattern in  
the and  
2:00:11  
they're just able to translate that into music translate that you know so many people who' have had a dream and  
then  
Evolution of Civilization  
2:00:17  
come out with an entire composition based on this dream you're accessing the the field of field of information  
of  
2:00:24  
information and and and I would suggest that your Consciousness is exactly that  
2:00:31  
is accessing the field of information acting on it your interpretation of it  
2:00:37  
and your action in the field produce a reaction from the field that we call  
2:00:44  
reality M right yeah so it it's really  
2:00:52  
profound yes when you start to connect at that level it's really profound and I  
2:00:58  
want to say it's typically not understood in its  
2:01:03  
mechanics and and we can write the mechanics of such a thing it's not  
2:01:10  
outside uh science it's not outside physics it's not like another  
2:01:17  
dimension it's not like that stuff doesn't it's all here it's all one thing  
2:01:23  
it's not separate it's one thing and that and that Revel the revelation of  
2:01:29  
the interconnectedness of everything you realize that you can't do anything  
2:01:34  
harmful to anybody else or a planet or anything else that is actually not doing  
2:01:40

harm to yourself yourself course which creates a whole different set of morality exactly in which you have to  
2:01:47  
create a reciprocal balance and hopefully a net Surplus where you're adding to life  
2:01:52  
rather than subtracting from life exactly and so you know people say oh  
2:01:57  
but humans will always fight we'll always kill each other we'll always destroy I don't agree with those  
2:02:04  
statements I think that hum must naturally babies are peaceful right  
2:02:09  
naturally they we we've just been tweaked you know we have so much trauma  
2:02:14  
like even just the first few seconds when we're born here like the amount of trauma we experience and and and  
so but  
2:02:23  
I I don't think that's a natural state I I think I think that a society that  
2:02:29  
understands these fundamental principles and this is one of the reason as well that I don't believe in you know  
uh  
2:02:37  
offensive you know extraterrestrials uh because I think that a society that reach higher level  
2:02:43  
of awareness and understanding of the mechanics of the universe automatically arrive to that level where in  
this  
2:02:50  
Society law would not be required because everybody knows when they're  
2:02:56  
doing good and everybody knows when they're doing something that's hurting others or hurting themself and this  
is  
2:03:03  
this is a place where personally I would I would potentially disagree with this so I want you to follow me on  
this  
2:03:10  
potential idea of entities or groups of civilizations that could actually be  
2:03:16  
extractive so if you reduce if you reduce and this is the idea of aramon from theose a crucian tradition the  
idea  
2:03:23  
of Arman is you look at the field of energy and Through The Eyes of Christ let's say the the christic impulse  
you  
2:03:29  
see the field as love and you see the actual in the interconnectedness but if you reduce it to power just power  
so the  
2:03:36  
field is just power then you could create a Morality In which power is the  
2:03:42  
only thing that matters and your goal is to accumulate the maximum amount of power for yourself so it's service  
to  
2:03:49  
self based upon a power dynamic I want myself to have the most power possible  
2:03:54  
yeah this is pretty well the state of our world right now this is exactly what's happening in our world and  
that could fra that could and I think believe  
2:04:02  
does fractal up higher where there's if we go the wrong way we can create a  
2:04:07  
world in which there's beings that are just reducing themselves to a hierarchy where there's ultimately one  
being so  
2:04:14  
right now it's probably a bunch of Elites but there's all the elites will compete and compete and compete until  
2:04:20  
there's one being that accumulates all of the Power and then has the has the right to extract energy from all  
of the  
2:04:28  
other things and that and that extends that can happen I agree and I believe that has that has happened and  
there up  
2:04:36  
so there's a there's a stopping point there is because the system will self  
2:04:41  
destroy the the system will self disorganize eventually it it's not sustainable the nature of the universe  
2:04:49  
is not so so it's not sustainable it cannot a society like this will  
2:04:55  
self-destruct like look at ours in 150 years of um you know uh scientific  
2:05:02  
Evolution we're on the Brinks right and well it may self-destruct but let's say  
2:05:07  
let's take do you ever see uh read Dune or you watch any of the Dune movies yeah I watch the Dune movies okay  
so imagine  
2:05:14  
you remember the Harkins the Harkins are you know the what the house of Trades is  
2:05:19

fighting against and they're this pale kind of homogeneous and they have a very clear hierarchy where the leader of the

2:05:26

heinens can do anything they want to any of the other people and but there's an absolute top- down totalitarian

2:05:33

domination domination model I understand what you're saying I the reason I disagree is because um that's true

2:05:42

politically or socially you can do that right but it will not lead you to

2:05:49

technology in which you can go across the universe right so if if somebody's

2:05:56

visiting from across the universe they figured fundamental principles of creation mhm and if they have that then

2:06:04

they understand that everything understand that whenever they do arm they're doing arm to themselves they

2:06:11

they understand that if they don't understand that they self- destroyed long before they pass their Moon you

2:06:18

know look at our society we're on the Brinks we barely passed the moon and

2:06:23

some people would you know debate that um you know and and so we you know like

2:06:31

like us for instance going to like with this way of doing things where all the

2:06:39

power is concentrated to a few individuals we're about to self-destruct

2:06:44

right we wouldn't make it across the solar system never mind across you know

2:06:51

to another solar system to it's we we H we can't develop the tools and the

2:06:59

understanding necessary using this kind of mentality M

2:07:06

and so so I don't see how an advanced civilization like for instance let let

2:07:13

me give you in another in another context imagine your civilization that has gravity control and vacuum and

2:07:21

energy uh technology you have pretty well all the energy you can ever need

2:07:27

anywhere you are right and you can travel across the Galaxy let's say or

2:07:32

even you know intergalactically right in organic alone

2:07:40

there's last century is about 40 billion

2:07:45

planets and that's very conservative mhm that's one Galaxy let's say have access

2:07:52

to that why would you need right to take

2:07:58

over the Earth right for instance right which is a small because you already have access to Infinite Energy you have

2:08:03

access to Infinite Energy infinite resources if you want gold you you can

2:08:09

you have chunks of gold that are floating around that the size of continent right so you get gold right if

2:08:15

you you don't go and mess with a planet if anything when you go to a planet you

2:08:21

going to try to make it evolve faster right you're going to try to support it let help it flourish because you know

2:08:29

that more people there is more viewpoints there is more the universe is

2:08:35

growing more viewpoints you know more there neurons in the system right so you

2:08:40

you you want that to happen so you're going to encourage that and I would suggest and this is just my opinion but

2:08:48

from the research I've done on this planet that there is evidence that there

2:08:53

was encouragement at one point no I agree with that I agree with that completely all right but let's say then

2:08:59

let's say then you are in this service to self mentality right and there's just

2:09:04

like our bodies there's there's an entropy that naturally occurs where we're going to dissolve back into back

2:09:11

into a different form we're going to transform but what if we say I don't want to transform I want to stay as the

2:09:19

entity that I am and the only way that I can source that I can't source that I

2:09:25

can't undo the force of entropy that's trying to dissolve me back into the all which is Perpetual life is a beautiful



2:09:31  
process but if I can vampiric or parasitically harvest energy from some  
2:09:38  
other civilization some other planet some other people I can use that to supplement my own energy so that I can  
2:09:44  
stay alive longer and all I care about is that I stay alive longer not that  
2:09:50  
life exists right right so do you think that that to me is where I believe that  
2:09:55  
this does could go a little farther is is beings that are unwilling to  
2:10:01  
transform it's not um you mean eternal life well there yeah they're unwilling  
2:10:08  
to surrender their temporal form so there is on our planet currently animals  
2:10:13  
that are Eternal so if you look up it you know uh uh Eternal uh animals or if  
2:10:21  
you look up you know uh uh um yeah you will find you know there's like uh uh  
2:10:29  
Jellyfish and actually lobsters um they die because their shell  
2:10:35  
don't grow as fast as they do and all this but uh Jellyfish that are can be Eternal um you  
2:10:43  
know if they don't get eaten by a CH or whatever but you know the the there's  
2:10:48  
multiple species um not just a few like this quite a bit of them that are  
2:10:54  
Eternal um so the idea that cell can be  
2:10:59  
stay coherent and continue to redo themsel and you know not lose energy and  
2:11:05  
decoherent is clearly demonstrated in our world is possible okay  
2:11:13  
um but somebody that's doing what you just describe um would be you you have to  
2:11:21  
consider what they would have to so so let me make it clear because I don't  
2:11:28  
want to be misunderstood do I believe you can make technology so that you can be immortal  
2:11:36  
absolutely what I'm telling you is that to get to that technology you're going  
2:11:42  
to have to have the level of Consciousness right so there's no  
2:11:48  
decoupling at the ultimate level of the consciousness with technology the universe is fail is fail safe yes it  
2:11:58  
cannot civilization cannot reach huge level of like technology and and  
2:12:05  
completely destroy the universe right because and be completely  
2:12:10  
unaware okay but what about this what about this scenario so so step Greer I don't know if you're familiar with  
his  
2:12:16  
work he's basically saying that there's in his belief that there's we've  
2:12:22  
accessed the technology just the technology to be able to access the Zero  
2:12:28  
Point Energy yeah but the people in this you know kind of deep State you know  
2:12:33  
world the people many inventors have yeah many many other inventors have as well but most of them are dead yeah  
like  
2:12:41  
Tesla and you know I think he was he was close to getting this or maybe got it right but we've somehow accessed  
2:12:49  
unnaturally by recovered cra and by other other different things and kept that and so we've we have access te  
to  
2:12:56  
technology that's beyond our Consciousness so there's a there's a Delta there's a gap there's a gap and so  
2:13:03  
we could weaponize that technology because our Consciousness hasn't caught up to understand the nature of that  
we  
2:13:08  
haven't thought it through yeah you can you can reach certain levels this way then but then there is there's a  
limit  
2:13:15  
to it because when you go down that path of this advanced technology eventually  
2:13:22  
that technology is tuned to the same dynamics of feedback of the universe  
2:13:28  
right the will of karma yeah okay and so you're increasing in power but if you're  
2:13:36  
the technology you're using is is tuning to your level of Consciousness yeah you  
2:13:42

can look at it that feedback in the current technology our level  
2:13:48  
Consciousness not so high sure there's a Delta right now between our technology  
2:13:53  
and our cons exactly and the technology is about to destroy us because our level  
2:13:59  
of consciousness of how we're using it is not so good right and so basically I mean we're literally shooting at  
each  
2:14:06  
other and killing children you know and so with it right  
2:14:12  
so but so this becomes so it's self-destructive yes right so this  
2:14:18  
becomes very dramatic when the Technologies like for instance a  
2:14:24  
singularity in a in a in a in a crystal ball let call it right and it's in  
2:14:32  
contact with your awareness and you're trying to destroy with it it will kill you it will decohere you  
instantaneously  
Belief Systems & Models  
2:14:40  
it's like the feedback now is like instantaneous instead of taking 10  
2:14:45  
generation it takes 10 seconds right yeah he also talks about and one of the things  
2:14:52  
is technology assisted Consciousness or Consciousness assisted technology where actually the technology and the  
2:14:58  
Consciousness actually have to be linked so the way that these crafts move is through accessing the field of  
2:15:03  
Consciousness and if you're accessing the field of Consciousness you you can't take it peace meal you got to  
take it the whole way you know this was best  
2:15:11  
represented in um in fighter uh Pilots  
2:15:17  
that um you know I think it was in the late '90s  
2:15:23  
2000s um maybe a little bit later on um I was aware of this because you know  
2:15:30  
people talk to me that are from inside organizations I'm just going to leave it  
2:15:37  
at that and you the the fighter pilots were too slow reactive to the speed of  
2:15:44  
the planes mhm and uh it was becoming a problem and they wanted to explore how  
2:15:50  
they can hook the control of the plane directly to the brain right with sensors  
2:15:58  
and all kinds of things so that and there is some of that in Pilot but the the it was a there was a problem  
because  
2:16:05  
if the pilot had a bad day that morning got in a big fight with his wife  
2:16:13  
whatever something happened they were emotionally not like the sensors would  
2:16:18  
go off you know the chart and and like the plane was bouncing all over the place and you know it was no good  
right  
2:16:26  
and so they taught their pilots uh to  
2:16:31  
meditate so that they could like calm themselves and be Rico here be coherent  
2:16:38  
and all this and not have the sensor go off scales right well after they got the  
2:16:46  
pilots to start meditating you know daily and meditation practice and you  
2:16:53  
know all the things that go with him eventually the pilots were like okay we're really good at controlling the  
2:16:59  
plane but we're not willing to shoot at people you know we're not willing to  
2:17:06  
drop the bombs right where like because they reach levels of awareness they're  
2:17:13  
going wait I don't want to kill other people right you see see it's linked you  
2:17:19  
can't couple the two all right so then what about the what about the belief systems  
2:17:25  
like uh Zoroastrianism or even parts of Christianity which say that in polarity  
2:17:30  
there's the force of good life expansion you know the Consciousness that we're  
2:17:35  
talking about um and that's auro Mazda you know which is like all things that  
2:17:41  
are good life all of this love and then there's angru or Arman on the other side  
2:17:47

which is the antithesis of that and that there's these natural forces in the cosmos that's still all true yeah that's

2:17:54  
still all true but we as participating in a body we're already on team life we're already already part of Team you

2:18:01  
know team Aur Mazda but think of it this way let's say our world got this level of Technology became enlightened and all

2:18:08  
this and this planet became peaceful okay that doesn't mean that there's not other planets in the universe that are at a

2:18:16  
lower level of evolution and haven't figured that out yet yeah it's still

2:18:21  
happening it's just that which side of the fence are you on right and it and

2:18:28  
it's not white or black it's gray it's a it's all gray scale there's no perfect

2:18:35  
white there's no perfect black it's all gray scale like it's where you are and

2:18:41  
the level of consciousness of your you know Collective that's where you place in the

2:18:48  
in the gray Scale of the Universe between white and black you know I don't believe in evil I don't like it it

2:18:57  
doesn't that you know it would be like Darkness uh darkness is just the absence

2:19:03  
of light right it's it's not a thing right no yeah Darkness isn't the ABS but there would there could be something

2:19:10  
called anti-light which would be the antithesis of light right but it and

2:19:15  
okay and that would still be how anti-light are you you like where on the

2:19:21  
gray scale are you right so like for instance you know you you meet people

2:19:28  
and you say oh you know they're they're more loving or they're less loving or

2:19:33  
you know like there this there's all kinds of scales of evolution right and and you might have

2:19:40  
noticed in your life there's definitely jump you know there's definitely like a

2:19:47  
horizon where you like you comprehend something right all of a sudden you like

2:19:52  
it it lands on you oh my God right and and then you got it and then 10 minutes

2:19:58  
before you you hadn't had it right and then you got to integrate and it takes

2:20:04  
time but still you can think that like a civilization collectively can all of a

2:20:10  
sudden integrate that we're part of a field that everything we do in that field is interacting with everything and

2:20:18  
and developed and and realiz that like oh wow we're we're so interconnected we

2:20:24  
need to be careful what we do how we treat each other and all this like this can happen especially if that

2:20:33  
comprehension is not just a spiritual awakening but it's actually a physics

2:20:38  
Awakening like uh here's the mechanics on how we are all connected here is how

2:20:45  
it works and here's the technology you can build so you can work on the

2:20:50  
intercon it can work on the interconnection of the universe and so now you have infinite amount of energy

2:20:57  
you can get any so why would you fight for energy no I get it so I I agree with

2:21:02  
you that there's no there's no being that we know inest especially incarnated

2:21:07  
being that is absolute evil or absolute good right but there's some we're all participating in some scale between good

2:21:15  
and evil in some and there is in any grayscale there's the terminal point of that grayscale which is absolute if

2:21:21  
you're looking at just color which is you know I think a problem be but you look at it there will be the point on

2:21:28  
this on the gradient of absolute light call it the Christ and then there'll be the point of absolute absolute black

2:21:34  
which call it Aron and you might fluctuate and and you are somewhere somewhere in the dance you're never

2:21:41

you're never going to reach absolute unless maybe you say oh Christ actually reached absolute in that well you might  
2:21:48  
you might reach absolute I I I I I I mean the fundamental message of I  
2:21:54  
like to call him Emanuel as he's described in the Bible um was that  
2:21:59  
everybody can get there right like that was the the core of his message you will do greater things than I did  
you know  
2:22:06  
yeah totally and so so that's the that's the potential that he actually opened up in the memory in the  
possibility in the  
2:22:12  
memory and the possibility is he reached the potential right of absolute love and you might fluctuate meaning  
you might be  
2:22:19  
in that state one moment and the next moment somebody cut you off on the highway and now you're flipping him  
off  
2:22:25  
right like and you even saw that transformation happen even in the Christ at the moment on the cross where the  
2:22:31  
first was you know why have you forsaken me as he was talking like which is this moment of Doubt moment in  
which was and  
2:22:38  
then he eventually forgave forgave forgave even the soldiers who were throwing dice to take take his garments  
2:22:45  
and his enemies who were crucifying him in the most horrible way and so ultimately went out you know he exited  
2:22:52  
if you believe the story and the myth he exited in in Purity in peace yeah yeah  
2:22:58  
in h and but and that that's available to you yes that's available to you  
2:23:05  
anytime you like you you know how many times people have done wrong to you and  
2:23:12  
you know it hurt and it was painful whatever but eventually you got to the  
2:23:17  
place where like I I bless them love thy enemy yeah I love them for the lesson  
2:23:23  
I've learned and you know and I wish them the best right and and so it's it's  
2:23:29  
something that's available right it's not and and I think you know the the  
2:23:35  
Masters come and they give us examples of what is possible and typically  
2:23:41  
they're the first one to say that's available to you you know you can do  
2:23:47  
this you don't have to venerate me you can do it yourself like you have access  
2:23:54  
um they're the first one to do that but then the people around them typically after they're gone start  
religions and  
2:24:00  
all kinds of things and use that for their own create power structures Etc exactly yeah I guess I I guess for  
me I  
2:24:08  
just I fundamentally do believe that people can also as we can access our potential for light love we can also  
2:24:15  
access our potential for Darkness or evil like like Hitler was an antithesis  
2:24:21  
to C that decoheres pretty quick yeah massive destruction yeah that's massive  
2:24:26  
destruction and if they succeed then it's the whole thing is gone the whole thing it's a w yeah it's a WRA and  
then  
2:24:33  
let's say that the information is not lost like we talked about before well maybe they continue on another  
planet  
2:24:39  
doing that until they get it that like shooting yourself in the foot is not the best way which is why good  
always wins  
2:24:45  
in the end yeah well eventually it goes up the scale towards White Hope right  
2:24:51  
right well it it has to because the other Force is destru is destructive by its very nature and so if the  
universe  
2:24:57  
is expanding life is cohering in different intimacy patterns and and complexities you know it it must must  
2:25:05  
ultimately succeed whatever doesn't work it decoheres and reorganize into something that works yeah yeah so  
this  
2:25:11  
destruction is always a part of creation that's right I mean if you didn't have  
2:25:17  
what we are calling the dark Loosely right you wouldn't have learned anything right right you fell so that you

could  
2:25:24  
walk right your opponent is your evolutionary partner that's right right yeah I believe that I believe that  
100%  
2:25:30  
that the darkness serves the light It ultimately shows us where we're decohering and invites us to a greater  
2:25:37  
level of coherence and love this is literally those I mean Loosely speaking  
2:25:43  
this is those correlation function equation that show that like overall you  
2:25:49  
get a plus right you get you get more and because you have to get the thing to  
2:25:55  
keep spinning it's going to continue to evolve whether you're you're on the gray  
2:26:01  
scale over there or you're on the gray scale over there it's going to continue to evolve you know like whether  
earth  
2:26:08  
makes it through this little evolutionary moment that we're experiencing right now or not it will  
2:26:14  
continue to evolve is there a point where the universe collapses back into a  
2:26:21  
singularity I've I've seen like because we think of the expansion that comes from a big bang at a plunk scale  
you  
2:26:28  
know minuscule amount that a burst of energy of infinite capacity and and  
2:26:34  
again you may have some alternate theories of that but it always seemed like this was like breathing in a way  
2:26:39  
like the universe is going to expand and then at a certain point it's going to reach its its terminal velocity  
and all  
2:26:44  
the complexity is going to be reached and then it'll collapse back into Singularity and then expand again into  
a new you know univ I I remember if you if  
2:26:53  
there's no Center to hold it it cannot exist right so when it's expanding it's  
2:27:02  
just because you're experiencing that part that's expanding out from it right but it's constantly claing at the  
same  
2:27:10  
time uhhuh remember for every bit that goes out there's a bit that goes in  
2:27:15  
right so it's continuous the inhale and exhale is happening at plun seconds yeah exactly  
2:27:23  
or depending at which scale you're measuring or sub plun or proton or you  
2:27:29  
know depending at which scale you're measuring the inhale exhale it's it's happening at that speed at that  
scale  
2:27:37  
right and so so then you you realize wow it's it's just an infinite cycle and and  
2:27:44  
that becomes really hard that you know when I figured that out I was in a van  
2:27:50  
I've lived in a van for five years I was you know in the desert in Joshua Tree  
2:27:56  
and I remember the moment very the good stuff no no no I was I was very very  
2:28:02  
pure at the time I I had you know touching anything but I was I I I was  
2:28:09  
climbing every morning climbing every night I was soloist and I  
2:28:14  
um I really had this moment where I realized wow it's an infinite cycle and  
2:28:20  
I had to let go of a beginning mhm and I had to let go of an end mhm and that was  
2:28:26  
hard I had to like stop you know  
2:28:31  
everything I was doing and like integrate for a few weeks like I  
2:28:36  
couldn't do any physics I couldn't study I couldn't do anything I was just like how do I let go of a  
2:28:42  
start yeah it's the chicken in the egg [ \_\_ ] you know basically right it's like  
2:28:48  
yeah and then I when I and then I one point I integrated wow it's just a beautiful incredible cycle that I'm  
part  
2:28:54  
of uhhuh and I I can let go and and and and then my tension went back down and I  
2:29:02  
I was like okay I can just be infinite in  
2:29:08  
nature right I the information I am I mean that sounds all so esoteric but I  
2:29:16

really I really impressed that it's coming from actually understanding the physics yeah um but you know it really  
2:29:24  
is remarkable when you when you let go because then you realize wow what a pro  
2:29:30  
like what an amazing process I'm in right right like this amazing  
2:29:37  
transformative world I'm living in that's constantly changing we don't  
2:29:43  
experience it so much because for instance we're making a million cells every second but like we don't see see  
2:29:50  
them being made and we don't see all the cells we're losing and so we just think of ourself as some stable thing  
or we're  
2:29:57  
on the planet flying through space at millions of kilometers a second and we  
2:30:04  
think it's all stable and you know we don't experience you know the the the  
2:30:10  
Dynamics of of the world where actually and the fragility of the world we we on  
2:30:16  
you know and so to actually like realized that I'm part of this amazing  
2:30:23  
mechanics of creation is very profound so then and so so I have another model  
2:30:30  
that comes from my friend matius Stefano I don't know if you're familiar with matius d but he met him a few  
times he's  
2:30:36  
lovely lovely man yeah sweet yeah really really love that brother yeah so he has  
2:30:41  
a nine-dimensional model of the of the cosmos and in this in the ninth Dimension it is the memory is completely  
2:30:48  
full right like every possibility every possibility has has occurred in this  
2:30:55  
which is kind of impossible for us to imagine it's Infinity it's an infinity of every possibility all you all  
2:31:01  
multiverses all everything all the memory is full and there creates a singularity event when the memory is  
2:31:07  
full because every different possibility has been recorded in in the in the  
2:31:13  
universe and at that moment there's a singularity which then Cycles back into  
2:31:19  
the first dimension of Singularity again which then restarts the process right  
2:31:25  
again so what would you say about that yeah it sounds like he's describing the multi- you know embedded bubble  
universe  
2:31:33  
that I was describing earlier um I don't like to use the word Dimension sure  
2:31:40  
because it means something different to the physicist than it means to the  
2:31:45  
spiritual people right and so it gets confusing uh but um I think that like  
2:31:52  
what well first of all I'd like to comment on one thing like it's hard to visualize Infinity it that is true if  
2:31:59  
you're trying to visualize infinitely big and which is what people typically do but actually if you try to  
visualize  
2:32:08  
infinitely small because it's within you you actually can get there you can't and  
2:32:16  
and as well as something that's really important about Infinity that people don't necessarily realize and that  
is  
2:32:24  
that um that caner which was an excellent mathematician that you know  
2:32:32  
was really not appreciated in his time um came up with  
2:32:37  
this proved generally that um that there  
2:32:43  
can be an infinite amount of Infinities and I I I I'm mentioning this and I like  
2:32:48  
to give him credit but you know because Infinities doesn't mean that there's no  
2:32:55  
boundary Infinities means that there can be infinite amount of boundaries embedded  
2:33:02  
within each other well you see yeah and now you can visualize infinite amount of  
2:33:09  
Infinities because from any boundary you can divide to Infinity right but it's still a confined  
2:33:17  
boundary you see yeah and so so and this is really what actually got me going  
2:33:24  
when I was 10 mhm the I I I I saw that because I was confused about Dimensions  
2:33:30

the the teacher taught me dimensions and I didn't understand what he was talking about because he made a point and said  
2:33:37  
Dimension zero doesn't exist doesn't have volume I'm like well there's a point if there's a point there's  
2:33:43  
something right so what do you mean there's nothing like I I was already  
2:33:48  
lost I knew is going to fail that class geometry there's there's this one thing  
2:33:55  
that was shared with me which is like a like a and some Way's like a [ \_\_ ] right so let's say you're imagining an arrow  
2:34:01  
that's moving towards a Target and at a certain time you know let's take half  
2:34:08  
the distance half the distance between the arrow and the target you take half that distance half that distance half  
2:34:14  
that distance yeah the the arrow is getting closer to the Target but you keep going half half half half to  
2:34:22  
Infinity there's eventually you could say well if you're there's still always half the distance it will never reach  
2:34:28  
the target the target how do you Recon how do you reconcile that I've never been able to fully reconcile that I  
2:34:34  
would I I can't remember the name of that theorem it's terrible I'm having a  
2:34:41  
senior moment but I I I so I excuse my laps but uh I yes this mathematically  
2:34:50  
can be resolved uhhuh the arrow will reach the target but conceptually it's an  
2:34:58  
important concept mhm conceptually the target  
2:35:04  
the what's important is infinite amount of Infinities that is even if the arrow has  
2:35:13  
cross the Horizon of the target MH it's still not touching anything  
2:35:21  
because oh there it is there it is because the molecules right that makes  
2:35:28  
up the arrow and the molecules that makes up the target are not touching they're quite the atoms are quite far  
2:35:35  
from each other I get it if you grow the at the atom of a of a diamond molecule  
2:35:42  
which is very dense right there some the densest material on Earth um to the size  
2:35:48  
of an orange the other Orange orange in the same molecule is two football fields away so there's a lot of space right and  
2:35:57  
and then inside the the atom itself there's you know the atom is  
2:36:04  
99.999999% space yeah there's a little teeny thing in the middle we call the proton this is what I've been addressing  
2:36:11  
in physics that makes up the mass of the atom and all we can say about that thing  
2:36:19  
is that in that region of space there's a high density electrostatic field we  
2:36:24  
can't say really there's a boundary or you know it's it's it's basically a  
2:36:31  
field of density that we're describing so the arrow is infinitely penetrating  
2:36:36  
the target at infinitely small amounts which looks like it stops and eventually you would get to the plun scale right  
2:36:43  
yeah yeah so so so this is this is basic concepts that at 10 years old I start to  
2:36:51  
think okay how so then physics is must be singularized it must I didn't  
2:36:57  
understand black hole at the time I didn't understand Singularity but I had this concept of fractality that made  
2:37:04  
every Point go to infinity and I started to think okay well how how would the  
2:37:09  
world work under these conditions and that's what led to the physics I'm  
2:37:15  
writing today that's that's what an epic story and what an absolute pleasure it's been to sit here sit here with you if  
2:37:22  
you add a message as we as we wrap up this conversation which I very much hope we get to have more conversations this  
2:37:28  
has been just an absolute Delight for me thank you absolute Delight so if you had a if you had a message that you wanted

2:37:34  
to share to humanity right now imagine this was broadcast to every single being  
2:37:41  
in on Earth at least you know imagining that other beings may not need this message but but if you're going to  
2:37:47  
message you know send a message to all being of Earth what would that message  
2:37:53  
be do not despair there is incredible  
2:37:58  
possibilities coming your way there's incredible beauty incredible you like  
2:38:06  
you're you're an incredible being part of an incredible like magical Universe  
2:38:14  
of infinite possibilities and you have incredible power  
2:38:21  
and and Technology that's developed from that  
2:38:27  
perspective is coming and so participate help help that  
2:38:35  
type of technology to emerge to and and and and the world you know will be what  
2:38:44  
every human or most human have instinctively the sense that could  
2:38:52  
happen which is a utopian world where you know everybody has enough or more  
2:38:58  
than enough and um and uh you know we can be in peace with each other it is  
2:39:06  
possible it's just an evolutionary step we're going through right now and and  
2:39:12  
all the information everything is there for us to make this this leap to make  
2:39:18  
this step it's all there don't don't get discouraged because it's easy to get  
2:39:24  
discourage M it's really easy it's really and and you see people that are  
2:39:29  
wonderful people like you know lose um hope yeah there's so much possibility  
2:39:37  
it's so beautiful our future is so bright if we choose to go that route and  
2:39:43  
so let's choose it collectively make make your make your part do your part  
2:39:51  
you know not just in thoughts not just in spirituality and development self-development but like get involved  
2:39:59  
get involved at all the levels that you whatever excites you the most you know  
2:40:05  
for the collective for the positive of the collective and we will pull out of  
2:40:10  
that this little moment in the history so fast it will spin your head like you  
2:40:16  
the the kids our kids will see an amazing world evolve yeah that's so  
2:40:23  
beautiful you know I think the the phrase that's repeated in the Bible the most is do not fear and and that  
means  
2:40:29  
you know have hope have hope do not fear never like don't let go of that like do not fear like there's a  
greater system  
2:40:35  
there's a greater thing that's driving this whole thing yeah and don't fall victim to that Despair and and go  
all in  
2:40:42  
for all life and play our part yeah the concept of faith is not faith of of an  
2:40:48  
institution it's faith of the UN I have faith yes that it the universe didn't  
2:40:54  
put us here for us to not have enough yeah  
2:40:59  
right this like look around you the universe is so energetic there's so much  
2:41:04  
energy there's so much creation it's so beautiful right if you get this courage  
2:41:10  
go in nature go and hang in nature you know I live in the mountains I go in the mountains and I just turn all  
the rest  
2:41:17  
off and I go oh yeah I remember oh yeah oh yeah I remember this is a beautiful  
2:41:23  
beautiful Universe with Incredible possibilities amen amen where can people  
2:41:29  
go if they want to dive deeper and check out more of your work or research or you know connect with you in any  
way um you  
2:41:36  
know people can go to space fed.com so space um it's the International Space  
2:41:44



Federation it's um is um in uh Geneva

2:41:50

Switzerland and uh our Laboratories are in France and so at space fed.com you

2:41:55

can get all the information the papers everything we publish articles on

2:42:00

science like you know Layman articles on science like weekly monthly get involved

2:42:09

become member you can buy bonds to contribute to our company and and profit

2:42:15

from our company eventually and all this so like we need so much help we need so

2:42:21

much help so please get involved if you're interested please help us we need

2:42:27

help we we need support because we're doing everything independently and so it's really and I

2:42:35

and and it has value you know absolutely well thank you for your work thank you for your contribution thank you for your

2:42:41

spirit and your heart and uh thank you for that message of Hope thank important thank you so much for having me it's so

2:42:47

great to hang out with you no it's been an absolute pleasure thank you so much everybody we love you we'll see you next

2:42:54

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2:43:04

video resonated or what else you would like to hear from me in the future thank you so much