

HOW JESUS WALKED ON WATER

CUTTING-EDGE SCIENCE AND TIMELESS SPIRITUALITY
TEAM UP TO SOLVE HISTORY'S GREATEST MYSTERY



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INTRODUCTION

It took us 2,000 years, but we finally figured out how he did it. An explosion of scientific discovery over the past century has solved the greatest mystery in human history—how a man named Jesus of Nazareth could walk on water, cure the sick with a single touch and raise the dead.

Thousands of scientists, philosophers, organizational thinkers and spiritual visionaries contributed to this project. My role has been to weave together their key findings like a cartographer constructing a map from the breathless reports of thousands of explorers. With each new incredible discovery I investigated in my research—some 10,000 hours over 12 years in total—my understanding was lifted higher and higher. When this writer, graphic designer and science enthusiast could clearly visualize the science and spirituality of how Jesus walked on water, I knew it was time to publish.

The goal of *The Miracle Expedition* is as simple as it is historic: To go beyond the laws of nature entirely. Some scientists insist this is impossible, but this is the American experiment, and impossible is our middle name. United Impossible States of America. Proudly proving the impossible possible for 230 years, from flying in mechanized, heavier-than-air machines to walking on the moon to convincing millions of people to watch videos about cats.

Given our belief in the impossible, it's not surprising a Pew Research Center study found 80% of us believe miracles happen today like they did in ancient times. To turn that belief into scientific fact, we'll need to uncover a hidden law behind nature that empowered Jesus to do his miracles. To do so, we'll use a technique pioneered by Einstein, called thought experiments. We'll use one to uncover the root derivation of his famous $E=mc^2$ —which also reveals the scientific secrets of Jesus' miracles.

In our Constitution, we Americans have found our own higher law that has created life, liberty and happiness through world wars, civil unrest and financial downturns. Yet the Founders continuously pushed us towards the discovery of a more perfect union. Hopefully the partnership between science and spirituality in *The Miracle Expedition* will help lift us beyond our perceived differences to the place where the more perfect union we seek finally becomes perfect.

Peace and love,

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SCIENTIFIC SUMMARY

Many physicists favor a model of our universe as a hologram in which every object we see around us in the familiar four dimensions of space and time are simply projections from a lower-dimensional structure. For this to be true, lower dimensions must cause higher dimensions to exist in a continuously projected, sequential way, like the image on a movie screen is continuously caused by the movie projector emitting an unbroken stream of light through a piece of film which then strikes the screen continuously.

A hologram also has the unique attribute that each part must reflect the larger whole to which it belongs, which means in the sequence of a holographic projection, each new step must contain the previous one fully within itself, which maintains the continuous causality of the flow.

Einstein proved in his theory of relativity that every object in the universe with physical substance (called mass) is made of energy. In fact, he discovered energy and mass are one and the same with the world's most-famous equation— $E=mc^2$. This lends credence to the universe as a projective hologram, because if everything that appears solid around us—stars, planets, our bodies—is all made of the same energy, it is possible we are like those film characters on the screen realizing, "Hey, everything in our universe is made of the same stuff—projected light." We call this being *self-similar*. In a projected hologram, each part must be a self-similar reflection of the sequentially derived whole which arose it.

Physicists have known for some time that a vast pool of highly self-similar energy created spacetime—one that is remarkably consistent across the entire universe—yet somehow gave rise to the incredible diversity of life we see around us. Stephen Hawking calls this process *homogenous extension with heterogeneous differentiation*, which is exactly what we see in our projected movie screen idea—many very different characters and objects all being projected from the same energetic building block.

What this book excerpt addresses is how the heck that self-similar energy became all the diversity we see around us in a continuously causal, holographically projected way. Because if, like those movie characters, everything in our world is made of the exact same stuff, then everything in this movie we call life in the universe has to be made of energy, including the dimensional structure of space and time, every force it contains and even our thoughts. It all has to fit together like a massive jigsaw puzzle, and arise from a single, continuously causal whole—a unified field—as Einstein called it. This paper shows the stunningly simple math of that field, deriving Einstein's famous $E=mc^2$ in a step-by-step dimensional sequence, showing how it maintains both continuity and a holographic structure, while arising every force and field in nature.

Now, what if that step-by-step sequence *also* turned out to be not only the way the universe is built, but also *the way* Jesus self-identified with when he said, "I am the way and the truth and the life"? And, what if this Great Way, as the Buddha called it, also made it scientifically possible for Jesus to walk on water and do his other miracles? Then, my friends, science and religion would *really* have something to talk about.



from **CHAPTER ONE**

EINSTEIN'S RED PILL

Living in a state with 15,291 lakes and 818,225 registered boats, we Minnesotans sure like us our water. We're not exactly sure why Peter got all freaked out when Jesus asked him to step out of the boat for a stroll across the waves. Worst case scenario, he sinks for a bit then swims back to the boat and climbs in. You're a fisherman, Pedro, not a bowling ball. No worries.

Way scarier to go ice fishing on a few inches of freshly frozen Minnesota blue. If the ice breaks, climbing out in your water-logged ice-fishing gear is like a beer-soaked brat trying to hoist itself out of a Teflon skillet. Unless a kind-hearted orca happens along and snouts you up onto the ice pack, you're pretty much hosed.

Despite our extensive experience on the water, we Minnesotans can only walk on it four months a year, tops. Actually, we drive on water, but there's nothing miraculous about it. We're not breaking any laws of nature, just the law of common sense that says hibernating indoors is a safer bet.

Now, Jesus' hike across the Sea of Galilee was a different story—that clearly violated the laws of nature. On *The Miracle Expedition*, we use the definition of a miracle that comes to us from our good friend Stephen Hawking, who says in *The Grand Design* that

a miracle is an exception to the laws of nature. He says no such exceptions are possible, but here in the land of the American experiment, we'll take that as a challenge.

THE MYSTERIES OF HAIR GEL ELUDED HIM, BUT NOT THE SECRETS OF THE UNIVERSE

For 2,000 years it's been a mystery how Jesus could surf-stroll, but about a hundred years ago, a German kid figured out how to uncover hidden laws in nature that make the impossible possible. While other German teen boys were out chasing girls, sixteen-year-old Albert Einstein was chasing light beams around the laboratory of his mind. In highly visual flights of scientific imagination he called *Gedankenexperiments*—thought experiments—he discovered space and time are malleable as a Slinky, overturning scientific wisdom dating back to Isaac Newton in the 1600s.

We'll use Einstein's revolutionary technique to blow away centuries of misconceptions about the natural world around us and discover the hidden law that allowed Jesus to walk on water. In fact, to figure out how Jesus did it, we'll learn how to visualize *beyond* space and time entirely—a trick I'll show you a bit later.

Einstein wasn't interested in nature's local ordinances; he wanted to discover the deepest laws that governed the whole universe. That's what it takes to figure out how Jesus water-walked, because the pesky law of gravity he got around is wired into the deepest fabric of the cosmos. To get past it, we'll need to think like Neo getting all the way outside the matrix. Luckily, Einstein's technique has enough creative horsepower to get the job done—it's our red pill.

How's does it work? First, you find a phenomenon that seems to break every known law of nature. For Einstein, this was the fact that light behaved like no other moving object in nature, maintaining a fixed speed relative to everything in the universe. Kind of like a car on the freeway you can never gain on or lose ground to no matter how fast you go.

For ten years, Einstein hung off the lawbreaking motion of light like a pit bull hanging off a rope, gnawing away on its mysteries with the focused power of his scientific imagination. His powerful technique allowed him to push past the puny thread of Spam-filtered information the environment reveals to our senses to discover hidden constructions of nature we simply can't experience in our flesh suits.

We'll do the same thing with the lawbreaker named Jesus of Nazareth. Forget all the pre-conceived notions you have around Jesus' water-walking story, we're going to do real science and figure out how a *Homo sapien* could walk upright across a body of open water in violation of the law of gravity.

First, we'll scour Biblical miracle stories for *patterns of sameness* that indicate the potential presence of laws Jesus was following. That's what laws do—make the things they govern *the same*. The law of gravity makes falling apples, bodies standing on scales and planets orbiting the sun behave the same, Isaac Newton discovered. Constitutional

law makes citizens from Georgia, Minnesota and California the same—equals under the law. The personal laws we call core values make our individual behavior the same, like Gandhi being consistently non-violent.

We'll use data from the lawbreaking event as a creative trampoline, leaping high beyond human perception entirely with the power of our visual imagination. We'll very carefully deduce the patterns of sameness in the higher law, form a working theory about it, yank it down off its lofty perch to explain stuff here on earth and, finally, figure out how to experimentally test it in the laboratory of nature.

In fact, our test forms the purpose of *The Miracle Expedition*: To get a human being wholly beyond the laws of nature. Like a great mountain-climbing expedition trying to put at least one climber on the highest peak ever climbed. If we can see nature-transcending miracles done by at least one person—one modern, living, example—the proverbial water will be over the dam and countless more will follow, triggering a massive cascade of humanitarian benefit. A tipping point, to borrow Malcolm Gladwell's idea from his book of the same name.

JESUS THE LAWBREAKING REBEL

Laws create environments where stuff happens consistently. The law of gravity helps create the natural environment where apples fall from trees at a consistent rate of acceleration and bodies standing on scales after the holidays consistently decide to go on fad diets.

But not all laws we follow are created by nature's forces—human laws create environments, too. The Constitution creates a consistent environment of freedom in the United States. That law has causal power in nature to make things happen—like setting 126 million physical bodies in motion to polling places in the last presidential election—but not one of them by force.

Apple's corporate core values create an environment that churns out consistent iPads, iPhones and iProfits, but their core values don't slam into the hands of their engineers and force them to design the next Apple product a certain way.

We can observe two broad types of laws here. First, some of nature's laws have *forced causality*. The law of gravity forces you to fall when you trip over a curb. The law of electromagnetism forces you to get a shock when you touch a bare wire. The laws of biology force you to watch a video about a raccoon stealing cat food.

The second, broad type of laws are those that act in concert with the mind, making things happen by *choice*. This is called *voluntary causality*, and its hallmark is acting by the consent of the governed—like political laws, company core values and personal ethics. Both types of laws are recognizable by the one thing a law does—make different things *the same* in some way.

DEGREES OF FREEDOM: YOUR GET-OUT-OF GRAVITY-FREE CARD

We need a working theory about how a *Homo sapien* could walk upright across a body of water. And, sorry, but “because God said so,” won’t cut it for our friends in science.

We are interested in how laws allow diversity while creating a common core of sameness between different phenomena. We call the variety of allowed diversity a law creates its *degrees of freedom*. Each “citizen” of a law has certain degrees of freedom across the environment the law governs. Perhaps if Jesus tapped a law with higher degrees of freedom, it’s possible it would have given him freedom over nature’s laws.

We can observe that environments created by sentient laws with voluntary causality have higher degrees of freedom because those laws are not rote, mechanistic forces. The core value of freedom in the Constitution’s law forms a consistent environment in the United States, but its 317 million citizens can go about their lives in amazingly diverse ways and still obey the law. It has high degrees of freedom. The law of gravity causes the earth to orbit the sun in a highly mathematically predictable way with much lower degrees of freedom.

Another critical attribute of laws is they also determine what is *real* in the environments they govern. Are flying unicorns *real*? Better check with the laws of nature. What constitutes a *real* candidate for U.S. President? See the Constitution. What constitutes a *real* Apple product? Ask their designers who follow the company’s core values consistently. We will define *real* as *to obey the laws governing a given environment*.

So, to go Einstein on Jesus’ miraculous water walk, we look for patterns of sameness indicating a real law creating a real environment with higher degrees of freedom than nature’s forces like gravity.

TIME TO LET 8,000-YEAR-OLD DINOSAURS REST IN PEACE

Einstein’s red pill method is for hitting scientific home runs, not singles. When we do Einstein-style science on Biblical data, we are interested in uncovering patterns of sameness with the potential to have massive humanitarian benefit—i.e. overcoming *all* of nature’s forces. Like tsunamis, hurricanes, typhoons and epidemics that wipe us out by the tens of thousands.

So, let’s fire up Einstein’s red pill by looking at some patterns of sameness across Jesus’ Biblical miracle stories.

First, there is no evidence Jesus’ miracles are used to harm any human being. Sure, he cursed a barren fig tree, but who hasn’t? You come home from work dying for some tasty Newtons, and there’s that barren fig tree standing in your yard mocking you. You try to hold it together, but eventually you scream, “Curse your wretched, barren loins!” It’s upsetting when fig trees let you down.

Second, and a bit more seriously (I don’t believe Jesus did that btw), Jesus’ miracles do not randomly heal people in a meaningless way—he doesn’t just walk by a crowd and

all their aches and pains are gone. Either the people he helps—or their loved ones—directly interact with Jesus, creating a personally meaningful experience for them.

Third, Jesus' miracles may transcend the laws of nature temporarily, but they don't erase them permanently. No evidence Jesus walking on the Sea of Galilee caused gravity to be eliminated there, at least no reports today of tourists walking on water.

Fourth, his healing miracles don't cause fear in people. The people he heals don't run away screaming in terror—in most cases they are overjoyed, grateful and some even follow him around, posse-style.

Fifth, he can heal people instantly at a distance, which he does in the case of the Roman centurion's servant. His miracles make house calls sans his body.

Sixth, there is no evidence Jesus refuses to do a miracle for someone. Doesn't lavish miracles on his Jewish buds, but refuse to do them for those pesky Gentiles. So, even though his miracles are personally meaningful, they are non-discriminatory, i.e. non-selective.

Scientists sometimes complain when delusional, mind-controlled sheep like me try to introduce God or Jesus into nature, but we just listed six scientifically observed patterns of sameness in Biblical data that *could* indicate a higher law Jesus was following and the kind of power it manifests. No dinosaur-bone debate required.

How do these patterns compare to how humans use power? Night and day difference. We use power to gain advantage over others and harm them when we get out of control. We don't care if our power is meaningless to others, as long as we can use it to dominate them and get what we want. We use our power to discriminate against others and select the exclusive circles of power we run in.

How does Jesus' power compare to nature's tsunami-raising power? Again, night and day.

VISUALIZING THE ULTIMATE LONG-BALL: ABSOLUTE CAUSALITY

Now, since a law determines what is real across the environment it governs, it is possible the law and the environment Jesus was following would seem *more* real to him than life on earth (check out Dr. Eben Alexander's *Proof of Heaven* for an experience of this phenomenon). And if this law was radically different than the laws of nature, the environment it creates might be radically different from our own.

If so, it might be as different to him as our waking, daily life is different from the dream worlds we experience at night (certainly our six patterns describing his miraculous power suggest such a radical difference).

Does the Biblical data support our night-and-day theory? Well, research and clinical psychologist Helen Schucman scribed a book called *A Course in Miracles*, and one critical pattern of sameness she identified in Jesus' miracles is there is *no order of difficulty*. (You can add that to the six patterns of sameness we just identified.)

Jesus never suggested one miracle was easy and another was hard. Didn't breeze through turning water into wine, but struggle to raise Lazarus from the dead. No order of difficulty in his miracles could indicate he was following a law with total power over nature.

As another interesting pattern, Jesus never says he is "like, totally wasted" after doing a miracle. That is, he never said the power he expended to do a miracle was lost to him. We call this *lossless power*. We'll see how it fits with the other patterns a bit later.

Regarding power, we'll identify *two* general types of laws here. A *relative law* we will define as having limited, contextual power; its power to cause things to happen decreases, changes or goes away entirely depending on the context. Like say, the business law of competition. May give you power in the rat race, but would competing with your kids around the dinner table give you power in the minds of other adults? No, that would just be weird.

Gravity, too, is a relative law because it weakens over spatial distance. Yanks astronauts to the ground, but gets progressively weaker as they leave Earth's orbit.

An *absolute law* we will define as a law with power that doesn't change from context-to-context. Works the same at the office, home, on the Sea of Galilee and Mars. Einstein dedicated his life to discovering just such an absolute law—and it's key to how Jesus walked on water.

MERRILY, MERRILY, MERRILY, MERRILY

Let's visualize Schucman's observation about no order of difficulty with a thought experiment. Imagine with me you wake to your alarm clock one morning and hit the snooze. As soon as your alarm goes off, you become instantly aware of your waking reality. The entirety of that context comes flooding into your mind—a process Dr. David Hawkins (*Power vs. Force, The Eye of the I*) called *recontextualization*. Although you probably didn't think about it, that sudden burst of awareness included the laws of nature and the context they create that determines what is real or unreal.

Now, as you drift off to sleep again and start dreaming, there is a moment where your mind recalls your waking context and all of its laws, and yet is looking *into* your dream world—instantly recognizing none of it is real. In that awareness of two different worlds obeying two sets of contextual laws, you could gain complete control over your dream because your waking state contains the power to do so.

In that state of waking awareness, would it be "easy" to turn dream water into dream wine, but "hard" to raise a dream character from the dead? Would these acts "totally take it out of you"? No. There would be *no order of difficulty* in your dream actions because none of them are real relative to your waking reality and its causal power.

This shift in causal power is interesting, because neuroscience research shows the brain is essentially doing the *same thing* when it dreams and when it's awake, neuroscientist Sam Harris says in *The End of Faith*:

“We really are such stuff as dreams are made of. Our waking and dreaming brains are engaged in substantially the same activity; it is just that while dreaming, our brains are far less constrained by sensory information or by the fact-checkers who appear to live somewhere in our frontal lobes...Your brain is tuned to deliver the vision of the world that you are having at this moment. At the heart of most spiritual traditions lurks the entirely valid claim that it can be tuned differently.”

Could it be that Jesus gave his mind a special tune-up and overcame the sensory Spam-filtration system that is our nervous system? Maybe in this supercharged state, his mind could tap into a higher power? One that’s also available to each of us?

EINSTEIN’S ONE ABSOLUTE LAW

“It has been my greatest ambition to resolve the duality of natural laws into unity.”
-Albert Einstein

Is there a scientifically valid theory that supports Schucman’s observed pattern of no order of difficulty in Jesus’ miracles? Yes, and it comes to us from Einstein.

He believed hidden behind nature a single, great law existed that caused everything to happen in the universe—what he called *absolute causality*. This wasn’t just his personal philosophy. The mathematical evidence of his field suggested nature’s four foundational forces—gravity, electromagnetism, the strong force that holds atoms together and the weak force that causes them to fall apart—might all have arisen from the same, master law. The mother of all natural laws.

Einstein called this ultimate law the *unified field theory* and spent the last several decades of his life furiously trying to quantify it with reams of equations. He never did find it, but he went to his grave convinced this law existed. Today, his dream lives on and has become the Holy Grail quest of physical science, often called *grand unification* or the *theory of everything*. This except reveals that law a bit later, and shows its causal chain down into nature, realizing Einstein’s dream of grand unification. In fact, we’ll show how his $E=mc^2$ is a sequential derivative of the one, great law he sought.

Could this great law with power over every aspect of nature be the very law Jesus became aware of in an awakened state (known as *enlightenment* in Far Eastern spiritual tradition)? If so, it would make sense why he had night-and-day power over nature. (Speaking of enlightenment, the Buddha used the term *The Great Law*).

And, if this law really does unite the foundational forces of nature as Einstein believed, it would make sense that Jesus, tapping that action, could overcome the law of gravity and walk on non-frozen water, or “Texas Water” as we call it here in the Northland. In fact, if the story is true, Jesus would have actually had to have had precise control over gravity, because he didn’t sink, but didn’t go floating off into space, either.

Did Jesus say anything about such a master law? Well, not exactly, but he *was* asked what the greatest commandment was, and he responded in Matthew 22:37-39, "Love the Lord your God with all your heart and with all your soul and with all your mind. This is the first and greatest commandment. And the second is like it: Love your neighbor as yourself."

Could this unconditional love be the one, great law Einstein sought? Could it be the law that governs our true, waking environment and gives us night-and-day power over the laws of nature? Well, the Twin Cities band The Suburbs sang a song back in the day called *Love is the Law*, so I really don't see any way around it.

But, scientists want non-musical evidence, I suppose, so after 10,000 hours of comparative analysis research across the fields of physics, math, psychology, spirituality, and organizational loyalty, I can shout an emphatic—YES!!—from the hilltops. I'm going to show you how the laws of nature are derived from Jesus' law of unconditional love.

An environment based on a *law* of unconditional love? *Really?* Sure. Jesus called the environment Heaven—and we humans have draped it in mythology—but if we just chill our sacred and agnostic cows in the pasture for a moment, and consider the idea *scientifically* as a law-abiding environment, it's not such a far-fetched idea.

Think about our own earthly environment and how *our* core values have increasingly caused it. The core value of scientific inquisitiveness has caused us to drill down into nature's tiniest sub-atomic particles and has extended our reach across its vast galactic expanses with our telescopes and satellites. And what about global warming caused by our core value of mechanized progress? How much of our environmental reality has *that* caused?

Given the evidence of a sentient species pushing its core values down to the nano-level and out to the macro-level of its environment, is it really so hard to believe that a reality could exist out there wholly governed by the one core value sentient beings like us find most powerfully unifying—unconditional love?

Just thinking it through logically, what is the *one* law that could actually unite everything? Go outside and look at the stars tonight. Listen to the birds tomorrow. Pull out some belly button fuzz and contemplate its cosmic significance. Is it possible to love it *all*, no matter how different it seems? Indeed, unconditional love has the greatest power to transcend differences—which is what an absolute law that makes *everything* the same must do. Again, laws are made laws by their capacity to produce sameness among the diverse phenomena they govern. Love creates oneness *without destroying essence*.

Also, is it not a current best practice for organizations to create as much of their reality as possible from what they value most deeply (see Jim Collins' *Good to Great*)? In branding, this is called "surrounding the consumer 360° with the brand."

To figure out how Jesus walked on water, we'll figure out what an all-encompassing reality made of pure love would look like—and how it would interact with nature.



from **CHAPTER THREE**
THE MOST NATURAL ENVIRONMENT

**THE PRISONER IN SOLITARY EXPERIMENT:
UNCOVERING OUR MOST NATURAL ENVIRONMENT.**

The problem with trying to reverse-engineer the laws of nature from Jesus' law of love is love means so many different things to us. Infatuation. Romance. Maternal and paternal love. Brotherly love. Love for Internet cat memes. (Thanks for inventing them, Richard Dawkins ;) [Question for editor: If you use an emoticon, do you add the close parenthesis, or does that make it look like it has two mouths?]

So, what does unconditional love really mean? If we're thinking like Einstein, we think in terms of *laws* and *environments*. So, can we visualize unconditional love as a law governing a natural environment? Sure.

Sometimes to figure out what is most real and natural to us, it can be helpful to examine our life from a place of profound lack, so we can clearly see what is most meaningful to us. So, how about we do another thought experiment and consider a person who has lost nearly everything—a prisoner doing time in solitary confinement?

If you were to ask him what is the most real and natural environment for a human being, what would he say? Given his current situation, probably something like, “Not being forced to be alone.” We all like our privacy and moments of solitude, but to be *forced* to be alone? It’s wholly unnatural to us.

So, is it enough to be together with others? Our prisoner would most likely say, “No, otherwise living in prison with the other inmates would be fine, but it’s not.” We don’t want to be forced to be alone, or forced to be confined together. We want to be together *and free simultaneously*. Neither lone wolves nor a pack of caged wolves are we at heart.

But, our bodies can survive alone or in confined groups just fine, provided our physiological needs are met. It’s our *minds* that go nuts. So, let’s consider that being together and free is the most natural environment for our minds. This is a pattern of sameness—a law—we can observe in all sane humans. It’s also the basis of the U.S. Constitution. Our freedom is not an anarchist’s freedom of pure disorder, but an orderly freedom of togetherness that grants great freedom to each citizen “part”, while preserving, protecting and extending the whole to which we belong. Physicists would call this an extending holographic law with high degrees of freedom.

Given the observation about what is most real, true and natural for us, I offer a definition of the law of unconditional love that will help us pull it down into the laws of nature, track the chain of causality and see how Jesus walked on water.

We will define the law of unconditional love as *a relationship that nothing can come between and knows no bounds*. Since nothing can come between it, we are never forced to be alone. And since it knows no bounds, we are never forced to be confined together inside a prison.

Could this law *really* be tied to our minds? Well, consider your own mind. Every new thought you have was generated by you, right? It is perfectly close to who you are. And, there is no outer prison wall around your brain, is there? Even if you don’t get rocket science, that’s more like a pothole—a gap in your knowledge—not an outer fence that prevents you from learning anything new. So, your own mind is not a perfect example—because you do believe it’s imprisoned inside your head—but the *experience* of it is not a half-bad example of what we’re talking about here.

Since we can observe laws of mind (constitutions, company core values, personal ethics) interacting freely with nature and causing patterns of sameness (like 126 million physical bodies moving to polling places), the mind is one possible interface between a higher law and the lower, physical laws and objects of nature. And, since the mind doesn’t want to have an outer boundary, it is very possible it extends limitlessly and might eventually run into the environment the law of unconditional love creates.

In fact, the physics discipline of quantum mechanics reveals every particle that makes up your brain has the potential to be spread out across the entire universe in something called a wave state. Did you know that? If you believe your brain is absolutely imprisoned inside your head, you’re about a hundred years behind in your science. So,

let's hold onto the idea that the mind is the interface between the law of unconditional love and the physical universe.

Now, theologians might chime in the law of unconditional love sounds a lot like what they have been saying about God—that He is perfectly close to us (immanent) and also perfectly unbound and free from us (transcendent). They use these two attributes to argue if God is right here next to us, or way out there somewhere far away from us.

But, our prisoner thought experiment offers a different take on this classic argument. What if God is perfectly close to us and perfectly free *with* us—not *from* us? Freedom *from* others is what the prisoner had in solitary confinement. Heaven or hell?

What if we dare to consider God is simply the most natural environment we really, truly want when all is said and done? An environment made of pure love because God has pushed His core value all the way through it? How many thousands of spiritual thinkers have simply taught God is love?

But what does all this speculative theology have to do with the hard science of walking on water? Well, Einstein believed God was the deepest, organizing law behind nature. Sounds like theology, but the same construct of perfect togetherness plus perfect freedom *must* apply to an absolute law like Einstein sought behind all things.

To cause everything to happen, such a law must remain perfectly close to every phenomena it causes, maintaining what Einstein called *continuous causality*. Just like the U.S. Constitution must stay perfectly close to every square inch of the U.S. to continuously cause freedom to happen across that entire environment.

But, a law must also expand with the environment it governs, otherwise new content might fall *outside* its jurisdictional authority. Just like the Constitution must expand to encompass any new territories the U.S. acquires that fall under its jurisdiction, and it must expand with any new activity Americans dream up, to keep them squarely within the environment of freedom we share together.

THE REALITY PIZZA

So, we have theorized the environment most real and natural for us is one nothing can come between and knows no bounds. We have asserted the law of unconditional love creates this environment. So why would it have absolute power over nature? The answer ties in our observation about our waking reality having absolute causality over our dream worlds.

A law creates an environment and determines what is real within that environment. The environment created by the law of unconditional love is one that nothing can come between and knows no bounds.

Now, think of that environment as like a massive pizza the size of the universe. Based on the law of unconditional love, it's going to have *two* main attributes. First, it can't be sliced, because forcing it apart would violate the nothing-can-come-between-it attribute. Kind of like believing a border around a foreign nation could slice apart your

love for a traveling loved one. Makes no sense. Second, since it has no outer boundary this pizza would just keep right on extending forever, like your love for that traveling loved one will extend without end, encompassing them as far as they go.

Now, imagine with me that this massive pizza is reality itself. If it knows no outer limit or boundary, where does it end? *Nowhere*. There's no outer prison wall. And where can it be sliced internally, if nothing can come between it? *Nowhere*. So, there is no solitary confinement. It remains perfectly whole and perfectly expansive. Perfectly together and perfectly free simultaneously. Continuously causal with limitless degrees of freedom—two attributes the one, absolute law Einstein sought must have.

A law creates sameness by overcoming differences. That's how a parent's unconditional love for his or her children overcomes any of their perceived differences. Unconditional love creates a shared context—a mental environment—that *transcends perceived differences*. Sneetches with stars upon thars and those without are equally loved.

And think about it, what's *different* from reality? Non-reality, right? And what can non-reality slice if it doesn't exist? Jack squat. Can Sasquatch slice your peanut butter and jelly sandwich? What can non-reality confine and contain if it doesn't exist? Still jack squat. Can the Easter Bunny build a fence around your back yard?

What is not real cannot divide or contain what is. Just like the border of a foreign country seems very real, but your love for a loved one visiting that country extends right through it. We call this attribute of a law its *interpenetration*; the capacity to completely "flow through" laws with less meaningful causality. An absolute law must have absolute interpenetration. Kind of like the force in *Star Wars* interpenetrates everything.

So, now we're onto the key insight that locks in why Einstein's grandly unifying law would have absolutely causal power over nature. If reality is created by one, absolute law that retains perfect closeness to everything it causes, and is as perfectly expansive as everything it causes, and determines what is real and the same by transcending perceived differences (and slices made by Sasquatch and fences erected by the Easter Bunny), it follows that the reality it creates *must be indivisible and infinite*.

So, how many of these realities can their be? Do the visual logic, Einstein-style. If nothing can split it, then no different reality can arise internal to it, because *it transcends the perception of differences*. And if that love is also limitlessly expansive, then it never stops and no other reality can arise outside of it. So, if reality never stops and can't be divided, there is no place left for unreality to exist. Which makes sense, because what is unreal *doesn't exist*. Therefore, *there is only one reality* and it is made of a relationship that nothing can come between and knows no bounds.

Is their scientific evidence of such a reality? Sort of. A laboratory-discovered phenomenon called *quantum entanglement* hints at it by revealing that all matter retains a close causal relationship that can expand to the size of the universe. This relationship is called *nonlocality*. It's kind of what we're talking about, but those entangled particles are perceived as separate in the first place, which differs from the law of unconditional love. Anyway, check out quantum entanglement on Wikipedia.

from **CHAPTER TEN** **THE PARTY AT NEWTON'S BEACH**



THE PARTY AT NEWTON'S BEACH: BEYOND SPACE AND TIME

"I do not know what I may appear to the world, but to myself I seem to have been only like a boy playing on the sea-shore, and diverting myself in now and then finding a smoother pebble or a prettier shell than ordinary, whilst the great ocean of truth lay all undiscovered before me."

-Isaac Newton

Now, let's bring the reality pizza to a party and see how an absolute law and the absolute reality it creates is not a *force* and does not destroy *anything*, yet creates a rock-solid environment of unconditional love that is most true, natural and meaningful to us.

Think back to the most amazing party you've ever attended with your friends where you totally lost track of time. When you finally did look at a clock, you could not *believe* how many hours had gone by. During those lost hours nothing could come between you and your friends, and you felt expansive and free.

Time? Didn't think about it The weather outside? Probably didn't notice it. Work projects that were overdue? Forgotten. Your single-pointed mind radically dialed into your buds put you "in the zone" as we say, and helped you transcend these external frameworks (and their stresses) that were simply less meaningful to you.

You did so not by consciously ignoring them or even *trying* to overcome them in your mind, but by radically focusing on what was most real, true and meaningful to you in the moment of now (see Eckhart Tolle's book, *The Power of Now*). In fact, trying to *not* think about something—i.e. consciously trying to negate it from your mind—only makes you think about it more, doesn't it? Like if I say *don't* think about Miley Cyrus twerking, you're going to have that image seared into your brain.

At that party, you effortlessly overcame those non-meaningful contexts and their "laws" *without eliminating them*. If you wanted to think about those things, you were free to do so, but then you wouldn't be wholly present with your friends, as the folks who practice mindfulness would attest.

Also, did your loss of the experience of time at the party cause it to disappear from the neighbor's lives? No. Your single-pointed mind didn't eliminate external frames of reference that other's found meaningful. If those neighbors wanted to come over and join the party, they could experience the hours flying by unnoticed, too. And if they wanted to sit at home and mope about how loud and obnoxious you were all being, their minutes would crawl by—what Einstein called *time dilation*.

He observed in his layman's explanation of the theory of relativity that closeness has a lot to do with the experience of the passage of time. He said when you sit with a pretty woman, an hour seems like a minute, but if you sit on a hot stove, a minute seems like an hour. What's the difference? The desire to be close or not to the experience. So, this fits with our law of unconditional love, which suggests an environment of perfect experiential closeness, which would create the complete transcendence of time. Hello eternal party that never ends. God's banquet, I believe Jesus called it.

This idea of reality creating a highly focused, real and deeply meaningful environment like the party without eliminating alternative frames of reference is a critical insight because one law causing everything to happen—including every thought—somehow has to create reality as a rock-solid environment, without eliminating fictional worlds. This gives the mind total freedom to create and experience what it wants—real or imaginary—while creating a place that is its most true and natural home. The difference between the two: A mindful focus on what is most real, true and authentic to us—unconditional love.

So, now we see why Jesus, obeying the law of unconditional love, would have absolutely causality over nature—because he was centered inside reality itself—which would instantly make any other "external" reality unreal. There is no external to the reality pizza. It's an inside without an outside (what I call a *borderless inside*). Like your love for your traveling loved one encompassed them without border or outer limit. And like

when you're deeply in love with someone your heart soars free. Only, that limitlessly soaring experience doesn't end the first time they pee with the bathroom door open.

If Jesus was awake and at the party of reality itself—and everybody else was asleep and dreaming in our dream world—nothing would be easy for him, and nothing would be hard—an attribute the Buddha ascribed to “The Great Way”—which we'll detail in just a minute when we put hard science to all this philosophical stuff.

But, because the law of unconditional love creates reality without eliminating non-reality and its imaginary laws, Jesus could walk on water without eliminating the law of gravity for the rest of us. In fact, he cured birth defects, disease and death without negating any of those maladies permanently in nature.

In this model, we humans and our law of gravity are the neighbors not at the reality party, believing in all the localized conditions that plague our relativistic universe—time, space, separation, isolation, sickness suffering and death. Jesus was partying inside reality—God's banquet—while living on earth. That gave him complete power over nature's laws, just like when your alarm clock went off you had complete power over your dream.

With Jesus, humans witnessed not God randomly intervening in nature to the future frustration of every scientist trying to figure out its law, but a man serving as a faithful ambassador of God's law while interacting with humans, our environment and the laws it contains.

What I call Heaven is the truest, most natural environment of pure love where we fit in perfectly and are totally at home—none above the law or below it, but pure equals under the law. Yet, it allows us to create any imaginary dream universe we want in violation of its laws without actually changing them or the environment of Heaven in reality (just as a dream at night doesn't change your waking world). We can still go to Vegas and whatever we do there stays there, because to drag illusion back into reality, it would have to fulfill the law of unconditional love creating reality itself.

So, why is Jesus called “the light of the world?” Well, when the dawning sun floods into your eyes in the morning, does it “eliminate” your dreams? Does it fly around in your head whacking all your nightmare monsters? Nope. It extends an invitation for you to join your waking reality and leave those nightmares behind.

Hence, Jesus is called the light of the world because he harms no one (a pattern of sameness we identified in his miracles), and extends a non-selective, universal invitation to all to join him inside the party of reality itself—to follow him to Heaven.

THE HARD SCIENCE BEGINS HERE

Okay, time to transition to the hard science before Francis Collins gets the NIH after me. Now, I could draw lots of pictures in this section, being a graphic designer and all, but I want you to use your mind, Einstein-style, to visualize what I'm talking about. This will be the first step in giving your mind the tune-up Sam Harris alluded to that will help you

see beyond the Spam-filtration system of your nervous system. Hope you're not allergic to red pills.

We'll use lots of visual images which you can connect together to get a complete picture without knowing the science I'll reference. But, by all means, dig into the science. Thousands of hard-working scientists contributed discoveries to this work, helping us put a rational understanding behind Jesus' miraculous life. Science doesn't make his miracles any less sacred, any more than turning on a light makes a painting less beautiful—just easier for everyone to see. So, ready to get technical?

In the first part of the twentieth century, a discipline in physics called quantum mechanics uncovered a hidden oneness in the universe that caused many giants in physics like Einstein, Wolfgang Pauli, Werner Heisenberg and Erwin Schrödinger to dive into mystical texts that explored the Far Eastern spiritual idea of *nonduality*. This spiritual idea, in which many come together as one in indivisible unity is at least 3,000 years old.

Somehow, meditating Buddhist monks focusing their minds on spiritual ideas had uncovered the same thing about nature that physicists were discovering by focusing on physical objects and forces. One commonality they shared was the idea of the universe as a hologram (for info, visit [this link](#) to an article on the *Nature* Web site; see Jacob Bekenstein's 2003 *Scientific American* article—"Information in the Holographic Universe"; see Ken Wilber's *The Holographic Paradigm* or Michael Talbot's *The Holographic Universe*.)

Physicists and Far Eastern mystics found so much crossover, that physicist Frijof Capra wrote *The Tao of Physics: An Exploration of the Parallels between Modern Physics and Eastern Mysticism*, and a rush of convergence between physical science and Far Eastern spirituality ensued. Today, the Dalai Lama has physicists who keep him updated on their latest discoveries, and Buddhist seminary students are learning about quantum mechanics (see the Dalai Lama's *The Universe in a Single Atom*).

Nonduality—and a holographic construction—is exactly what one absolute law behind everything would create. Nonduality means "distinct but not separate," which is exactly how one, great law would unite every law of nature as one, while allowing them to be diverse. As an example, the Constitution allows each state and locality to have distinct laws, yet they are not separate—or conflicting at the root level—because the Constitution unites them as one in a common environment of freedom.

E pluribus Unum, the Founders' called nonduality; Latin for, *out of many, one*. Right there on the back of the singles in your wallet. That's what the Constitution does for state and local laws—and what Einstein believed his unified field theory would do by making *one* law out of nature's *many* laws. We'll see he was spot-on and every law of nature emerges from one, basic, unified energy law. Einstein discovered the 4D version of this law in his theory of relativity—including his famous $E=mc^2$ —we're going to generalize it across *every* dimension of the universe and realize he actually discovered a universal ratio that came into being *before* our universe began. Told you I was going to show you how to see outside of space and time entirely using Einstein's red pill.

It makes sense that if one, great law causes everything to happen, that somehow it must maintain a *relationship* between all things. The law creates a *whole* environment, populated by *parts* (content) and creates a *relationship between them*. Whole. Parts. Relationship between. Learn to see those three elements in nature, and *everything* fits together.

Now, if one great law is really running the show, no matter how different everything seems in nature, underneath it all has to be the same somehow. So, if we get close enough to the environment this one law creates, it follows that *everything* in nature—including thoughts and physicality—would become the same to our minds.

Thus, a master like Jesus coming *wholly* into the truth of reality, and wholly self-identifying it as who he is (“I am the truth,” he said), that the law of gravity and a thought about it would be completely the same. Just like when you come into your waking state after your alarm goes off, and you wholly identify with your waking self, the “physical” environment of your dream world is suddenly realized to be nothing more than a thought. It becomes *all the same*—unreal. That’s Hawkins’ *recontextualization*, and it only takes an instant.

THE PAULI-JUNG CONVERGENCE PRINCIPLE

So, is there scientific support for this idea that physical objects and forces are no different than processes of mind? Well, when Einstein retired, the guy Princeton wanted to replace him—Nobelist in physics Wolfgang Pauli—explored that very idea over a period of 25 years with pioneering depth psychologist Carl Jung.

They found so many similarities between the physics of spacetime emerging in quantum mechanics and Jung’s emerging model of the human psyche they thought physics and psychology might one day merge. (See David Lindorff’s *Pauli and Jung: The Meeting of Two Great Minds*). Pauli said, “The most modern physics, even in the finest details, can be represented symbolically as psychic processes.”

Using this *Pauli-Jung convergence principle*, as I call it, we have scientific license to consider physical laws, forces and objects as processes of mind. And, since physics is wholly math-based, every shred of its math must *also* have a parallel psychological process according to Pauli-Jung. (Really, no different than considering dream objects and dream ideas you have at night are really the same thing.)

Indeed, the laboratory evidence of quantum mechanics permanently tied the observer of a physical system to that system, when it was discovered that observations impact how matter manifests in nature—as a particle or a wave. But, not wanting to get tangled up in non-mathematical psychology, physicists have largely ignored the connection (with something called QBism being an exception we’ll look at in a bit).

With Pauli-Jung, we’re going to deep-dive into that physics-psychology connectivity to solve the unified field theory Einstein sought—and figure out how Jesus walked

on water. You simply can't understand how a super-tuned mind can overcome matter if you ignore the mind-matter interface. The psychology of mathematics is critical data.

Now, if the universe is a hologram and maintains continuous causality from one wholly unified field as Einstein believed, as it is constructed step-by-step it must maintain a continuous, unbroken flow. We call this model a *projected hologram*, like R2D2's projected, 3D hologram of Princess Leia in the original *Star Wars*. In such a model, each step of the creation of the universe must proceed sequentially *and* contain the whole of the previous part that gave rise to it. Whole. Part. Connecting relationship between.

Per Pauli-Jung, every physical step in that process must directly mirror a psychological process. This means we can use a psychological thought experiment to deduce the physical construction of the universe, and see how Jesus interacted with it like an ambassador following a higher law, yet respecting the local laws of space and time. To do so, we'll have to slow down the creation of the universe in our minds with Einstein's red pill, like Neo slowing down a stream of bullets in *The Matrix*.

THE PIRATE GAME EXPERIMENT: THE SCIENCE OF HOW JESUS WALKED ON WATER

Let's do one final thought experiment to combine everything and clearly visualize how Jesus walked on water. We'll also derive the laws of physics from the law of unconditional love, pulling our theory down into physical reality and achieving Einstein's dream of grand unification—showing how the one law he sought is the root cause of $E=mc^2$.

Again, our thought experiment draws on a current theory in physics called the *holographic model*, in which the universe is viewed as a holographic projection. In this model, everything we see around us as 3D—the earth, the stars, our bodies, twerking—is nothing more than a projection from a lower-dimensional, more foundational order. Much like a 3D holographic image is projected from a 2D piece of holographic film. The lower dimension *causes* the higher dimension in a projective model like this.

For this to be true, a *continuous chain of causality* must be present in the universe, because a projection retains causal connection to its projective source. The movie on a screen in a theater can be traced back to the light flowing from the projector through the film and onto the screen. Step-by-step.

In a hologram, the whole to which each part belongs is reflected in the part. Just like the whole Constitution must be present—reflected—in every state and city in the United States. In a projected hologram, we need the whole to be reflected in each part *and* a continuous, sequential chain of causality to be maintained between them. Just like the Constitution must be present in every state and city, *and* it must preserve a top-down chain of authority, from federal to state to local laws.

Now, in such a sequential hologram, it all starts from a single projection source—just as an entire movie in a theater starts from one point where the light comes out of the projector—and the whole shooting match has to remain *self-similar*. Just as every

character on the screen, every car they drive, every hair on their heads has to have the self-similar attribute of being made of projected light.

We know from Einstein's work and subsequent discoveries that the entire universe arose from a single, vast pool of energy. Our task is to show that this energy flows through every construction in the universe, sequentially giving rise to everything we experience in our lives. Not just mass, which Einstein showed energy was the same as in his famous $E=mc^2$ —but every dimension, every force of nature, every shape of every leaf, every breath we take and every thought we have. All of it has to flow from the same, continuous energetic hierarchy that wholly encompasses each previous step holographically. In this radically unified model, every finger you lift must contain every shred of energy found in the entire universe.

And, if our theory is right that Jesus came to realize all of it was a dream, we have to show that the whole shooting match of the universe is unreal relative to the law of unconditional love.

The key insight from Einstein that the universe *could* be all the same, is that he discovered energy and mass are the same thing—equivalent. Hence $E=m$ (times c^2). So, the million-dollar question is, how did that incredibly consistent pool of energy develop so much amazing diversity in the cosmos, from stars, to planets to twerking buttocks?

Now, if our theory is right that the entire universe did arise from one, grandmaster law of unconditional love—what Jesus called God's law—energy must flow causally from the law of unconditional love, but be unreal relative to it. Just as a dream world can flow from the oxygen that fuels your brain—that's the causal connection—but that dream world can be governed by laws totally different from the laws of nature where oxygen exists. The critical scientific observation is *the mind is free to span environments governed by wholly different sets of laws, yet maintain a causally connected thread between them within itself*. The mind, as we discussed earlier, is the interface between the higher power of unconditional love and the laws of nature.

To show this interface, we'll derive $E=mc^2$ and the other foundational aspects of physics, including the dimensional structure of the universe, from unconditional love, then show how these derivations are unreal, that is, how they are a *change* from reality. The mathematical tool for showing a continuous chain of causality with a step-by-step, interrelated series of changes is called a *derivative* in calculus—the math much of physics is based on. We'll show how the laws of nature are a derivative of the law of unconditional love, by examining the series of changes carefully and sequentially.

Now, if Pauli and Jung were right that the most subtle processes in physics can be understood as parallel processes of mind, we should be able to derive every physical law of nature from an equivalent psychological process. So, we'll use a psychological thought experiment called the pirate game to derive $E=mc^2$ from the law of unconditional love. This will illuminate the chain of causality from the law of unconditional love to the forces and objects of nature that Jesus interacted with—and was able to transcend.

The first thing to understand is that this chain of causality is not only *the way* the universe was constructed, but is also known as *the way* in both Christian and Buddhist spiritual tradition. Hence Jesus said, "I am the way and the truth and the life." And, the Buddha said, "You must become the path before you can walk the path," and "The Great Way is calm and large hearted, for it nothing is easy, nothing hard."

The process of becoming something by allowing it into the core of your being is called *self-identification*. Like, "I am a parent," or "I am an American." We'll see why Jesus' self-identification with the way allowed him to overcome the laws of nature.

THE ARCHITECT AND HER SON

Imagine with me an architect who designed her family's new home has finished construction and is having a house-warming party. You and I are guests of honor.

She has an active, four-year-old son named Steve who's bored with all the adult chatter, so he decides to go play his favorite imaginary game—pirate ship—in their downstairs family room. Before he heads off, he asks his mother a couple questions.

"Mom?" he says.

"Yes?" she responds.

"If I sail all the way to the other side of the universe on my pirate adventure, will you still love me?"

"Yes, of course," she responds. "My love for you knows no bounds."

"What if my ship gets sucked into a huge black hole and you can't see me anymore?"

She replies, "I'll still love you. Nothing can come between my love for you, not even a black hole."

Content that he's safe in his mother's love, off he goes to the basement. Every inch of the family room was designed with her love as its causal agent. Every design element, every scrap of building material, every piece of furniture fabric was intentionally selected by his mother for the comfort, safety and enjoyment of her family. Her love *interpenetrates* the entire room from top to bottom as its causal agent. But that love is not a prison, so our young boy is free to create an imaginary reality of a pirate's world on top of that environment of love.

The first step is to decide, using his will, intention and purpose to actually play the game. This free will choice determines the nature of the game. Will he follow the allowable degrees of freedom his parents' rules give him, or will he get into trouble? Since he loves his mother and father, his will is not to disobey them, but simply to play a game. His intention and purpose are simply to have fun.

But, if we very carefully slow down the decision to abandon his family's system of unconditional love for the new pirate's code he will adopt, we see there must be an instant of "scrambling the old law" in his mind. We call that instant *chaos*, and it will be present at the start of his game world before he organizes it according to a new system

of mental rules and laws. It is the very same chaos physicists found at the beginning of our universe right after the big bang, and it is the very same chaos that creates cancer, as Lynne McTaggart discusses in *The Field*.

THE ORIGIN OF ENERGY

Next, he uses his will, intention and purpose to mentally change the environment of the family room in his mind to make it more suitable for his game. Per Pauli-Jung, we will define this as *energy*—the perceived capacity to cause change.

What determines change in any environment is the deepest law governing it. Laws create allowable degrees of freedom within the systems they govern based on the nature of the law itself. As long as the environment a law creates—and the content that falls within that environment—doesn't change the law, then nothing has changed. Not *really*, because again, the law *itself* determines what is *real*. Just like our pirate can play this game all night long and not *really* change the environment of love he and his family share together.

Now, the degrees of freedom a given law has determines how flexible its environment is without the whole thing falling apart. For example, we humans “change” our lives all the time, going on fad diets, changing our hair color or moving to a new city. To the law of gravity, have we “changed”? Nope. We're still objects with mass being held to the earth just fine. How about in light of Darwin's law of evolution? Does changing our hair color change us *Homo sapiens* into a new species? Nope.

Each law has allowable degrees of freedom that determine whether the macro level whole of the system—the environment and all of its content—has changed based on the activities of each part of that system, a principle in physics known as *entropy*.

So, thinking about the love between mother and son, does his game change their relationship in the least? Not if her love is unconditional with high degrees of freedom.

We can see in our personal relationships the more experiential closeness we have with others the less their day-to-day expressions seem like changes. Remember how a distant relative who hadn't seen you in a while—maybe an older aunt—maybe pinched your cheek as a teenager, and, noticing your growth spurt, proclaimed, “My, how you've changed!” And you thought, “I'm the same person I always was, just taller.”

Similarly, we go outside each fall and think, “Look at how the leaves are changing!” In fact, leaves on deciduous trees have been doing that very thing for millions of years. We can generalize a scientific principle here that the *perception of change requires us to repress our knowledge of the deepest law governing a given environment*.

Laws create whole environments and the perception of change requires us to insert a *mental dividing line* between the law creating the whole and the part we are perceiving as changing. That is, to perceive change, we *mentally sever the relationship between whole and part by ignoring the law that connects them*. Closeness to any given

phenomena—and awareness of the laws of the environment it occupies—causes us to transcend our perception of change in favor of a holistic understanding of its ongoing expression.

So, let's use Pauli-Jung and consider that energy is simply *the perceived capacity to cause change via the perceptual abandonment of the law of unconditional love*. That is the critical bridging insight that leaps us from the reality of God's love into the dream world of a universe based on energy. We will see our pirate does the same thing to "abandon" his mother's love for him and create an imaginary world of a pirate's adventure.

In truth, since the reality pizza has no boundaries of any kind, there is no way to *really* sever the law, because again, the law determines what is *real*—and Sasquatch slices ain't it. With no boundaries there is no way to keep you away from *anything*, including total, holistic knowledge of the law of unconditional love. (You have *absolute knowledge* as Buddhists call it.)

Change requires you to abandon your holistic knowledge of a given system—including its laws—but if there are no boundaries, there is no *real* way to actually abandon the law, the whole or any content it creates. Just like the boy going downstairs into the family room to play his game isn't *really* abandoning his mother's love—it interpenetrates every square inch of that room.

To *pretend* you can abandon reality, you have to perform a mind trick—*Maya*, as the Hindus call it—which means pulling down a perceptual veil between yourself and reality. You build an Easter Bunny fence and pretend love can't cross it. Hello life in hell.

To *change* in our perception, something has to *lose* its previous state in our mind. When a leaf changes in the fall, it loses its previous color to us. But, in an indivisible, infinite reality, there is no place to lose anything, because, lacking any boundaries, there is no way to keep anything away from you. What does "away from" mean when you are perfectly close to everything that exists? Away from is solitary confinement.

Reality is *lossless*—which explains why Jesus, doing miracles by drawing on the power of reality, never gets weakened in the process. The power of love doesn't *change* anything, just like the dawning sun doesn't zoom around in your dream and change all its contents so you can wake up. It extends an invitation for you to let go of your dream world and join the party of reality where change itself is released as silly dreamstuff.

This is a key idea in grasping the power of love to "change" things on earth, like a water walk that "changes" the law of gravity, or curing diseases that "changes" the laws of biology. The perception of change exists *only in the mind of one who continues to dream*. Just like a half-awake dreamer who mixes two levels of reality might interpret the dawning sun as "Like, totally changing Sasquatch's fur to make it all shiny and stuff!"

So, this lossless idea explains why mystics have said for centuries that reality—what they call the *ground of being*—is changeless. Not static, like a rock that never moves, but law-governed and consistent, like friends at a great party refusing to see their myriad expressions as breaking the bond of love between them.

Similarly, as our young boy goes about his imaginary game of pirate ship, he won't actually change his family room into the deep, blue sea, a desert island or a pirate ship—it's all pretend. Just like energy is pretend, which is why advanced teachers of the truth don't focus on energy or changing the world—both are dream stuff. Since energy and change are part of the illusion of Maya, you can change the world from now until the year 3014 and never wake up from its suffering. You don't change a dream to wake up from it; you accept the truth of your waking reality.

THE QUANTUM GAP

To create his game world, our young boy must perceive it as different than his family room, so he must stop the actual environment from extending in his mind and insert a negation—a mental gap—that separates his pirate world from the actual family room. This creates a mental boundary between the actual world and his imaginary world—an Easter Bunny fence. It also creates the causal relationship of his game as a part of his larger, whole reality, with the gap functioning as the relationship between them.

Parents can observe this gap when their kids get deeply focused inside their dream worlds, and all of their thoughts, words and actions become directed inside that bubble of reality. Often, after talking to themselves for an hour or so, they will randomly ask a parent a question in the middle of it all, then get upset the parent isn't listening.

Using Pauli-Jung, we will translate this mental gap as the *Planck length* in physics, the *void* in spiritual tradition and the *tiny gap* in Schucman's *A Course in Miracles*. We will define this overall gap-making process as *quantization*. When you create tiny gaps around things, this breaks them into little bundles of stuff, called *quanta* in physics.

PAULI-JUNG UNITES RELATIVITY AND QUANTUM MECHANICS

Throughout this thought experiment, you are free to interpret any step in our holographic energy chain in one of two ways. First, since we are building a continuous, sequentially projected universe, you can "go with the flow" and view the whole thing as a continuous, unbroken string of events. Cause, effect, relationship between.

Using Pauli-Jung, we call this continuous view *relativistic perception*, and two approaches in physics that explore it are called *field theory* and *string theory* (see McTaggart's *The Field*; and Brian Greene's, *The Elegant Universe*, *The Fabric of the Cosmos* and his corresponding PBS Nova specials). In field and string theory, you view the game, or any step, as a single, continuous fabric, or a *continuum*, as Einstein called it.

Or, second, since we are identifying individual, discreet steps, you are free to perceive that step as a separate whole with a tiny gap around it, which we call *quantized perception*. The corresponding theoretical approaches in physics are called *quantum mechanics*, *particle theory* and the *standard model*, which analyze the universe as discreet, standalone chunks of energy and matter.

Given these two perceptual choices with gravity, for example, you could perceive it relativistically as a whole, unified *field*, which is how Einstein saw gravity. And with quantized perception, you could perceive gravity as broken up into little, discreet bundles of gravity pellets, called *quantum gravity*.

THE SINGULARITY OF EINSTEIN'S UNIFIED FIELD: DIMENSION ZERO

Now, before we get too far down the road, since we're interested in the pecking order of causality in our examination of how Jesus walked on water, we see that intention, will and purpose have higher causality than perceived gaps (Pauli-Jung transfers this idea to physical systems). The boy simply needs to set his will wholly to eliminate the gap between fantasy and reality, the Easter Bunny fence comes down, and his whole game field goes away, just like that.

On the other side of his gap, our young boy will create a game world. This is really nothing more than a mental position—a *differentiated whole*, as Jung and Pauli called it—set off against his actual reality and imagined as different from it. It is highly internally consistent (being governed by the law of the pirate's code), but it's different from his regular world. Just like taking a position on an issue that is different from someone else's is an abstract mental whole set off against them.

Dr. Hawkins called this difference-making activity *creating a positionality*. In the case of imaginary games, the mental positionality that contains the whole game world is often not tied to any one location in space, which is why parents can observe their children playing the same imaginary game in the house, outside, at the store and even at the dinner table. They just shift their positionality around, like the moving island on *Lost*. It is a relative universe of imagination that can maintain its differentiated wholeness relative to any physical environment.

Since an imaginary game world is not necessarily attached to any one place in physical reality, we call its overall framework of differentiated wholeness a *non-spatial position*, known as a *naked singularity* in physics. Our pirate's game is singularly whole, but non-attached to any finite spatial region yet. It has no shape—it's an abstract mental whole—but it is often called a *bubble of reality* or a *bubble universe* in physics. A "reality distortion field," as Steve Jobs' employees called it. (In honor of that famous pirate, I've named ours Steve. Thanks for the awesome iProducts, bro!)

So, the first step after the gap is for energy—the perception of change that distorts reality in the mind—to be consolidated into a single, non-spatial position that is all the same. All of the boy's perceived capacity to cause change is now focused inside this one whole that makes up the overall context of his game world.

Einstein called a unified context like this a *field*. To bridge psychology and physics via Pauli-Jung, we're going to adopt a general definition of field from McTaggart's *The Field*. A field is simply a region of influence. That's what our pirate's game world is; a region of influence he controls with his mind. It is his *game field*.

EINSTEIN'S UNIFIED FIELD EQUATION SOLVED

Here, at the first level of his game, it is unified as a pirate game idea, so it is indeed a *unified field*—the Holy Grail grandmaster unifier behind nature Einstein sought. And, if he is right in his pursuit of grand unification—and our thought experiment accurately reflects the creation of the universe—this *one* field must cause *everything* in nature to happen. It must unite all of its foundational laws as *one*, extending them all holographically with continuous causality, making them the same at the root level, yet different in their appearance. Homogenous extension with heterogeneous differentiation. This is the only way the whole universe can be made of the same energy and yet arise the stunning diversity of life that it does.

And indeed, we will see this unified field (aka our naked singularity) does just those things. The energy equation for this one unified field is pretty simple, $E=1$. That is the solution to the equation Einstein spent over 30 years trying to find with ever-increasingly complex mathematical models. But, not using psychological thought experiments, he could not reduce all that complexity to a single, primary unity. The secret is to consider every process of mathematics as a parallel process of mind, per Pauli-Jung, and reduce all that mathematical complexity to *concepts* then look for *patterns of sameness in the concepts* to identify the one law creating them all. It's how you solve a jigsaw puzzle without knowing what the picture is.

In fact, Einstein's energy equation *has* to be $E=1$ if the one grandmaster field he sought is to be mathematically unified. What else could the equation be but the mathematical symbol for pure unity, aka the number 1? It is the *only* number present in every other number holographically. Every number is simply the number 1 appearing in countless other forms, just like energy must appear in countless forms if our entire universe is made of it.

Ready to make the leap that the math of physics has direct, parallel processes in psychology? Psychologically, the number 1 is present in every other number in one of two ways. If it's holistic presence is consciously retained, the number 1 is present "above the line," and the number times 1 equals itself—which creates *multiplication*. But, if that 1 is holographically maintained but *repressed* inside a number, it falls "below the line," symbolized by the mathematical fact that any number divided by 1 equals itself.

There's your first lesson in the Pauli-Jung psychology of math; multiplication is equivalent to *conscious continuation of a whole*, and division is equivalent to *repression of a whole*. The number 1 remains holographically present in both cases, but either as above-the-line (+1) which retains a consciously causal connection to the previous whole; or below-the-line (-1) which pushes the previous whole from conscious awareness *into* the subconscious mind. Pushing unity below the line allows a new idea to arise from Einstein's one unified idea but appear *different* from it. (This also creates the perceived dividing line between dimensions, we will see as our game unfolds.)

In nature, this push below the line creates an *equal-but-opposite inverse relationship*. You can see how this works in our final summary table by comparing the progression of Einstein's $E=mc^2$ and Newton's gravitational equation. Partial repression creates wiggle room in the equal-but-opposite relationship, which adjusts, say, the balance between matter and anti-matter, allowing the universe to expand and not stay in static balance.

So, the first imaginary change from reality—again, known as a *derivative*—we will assign the non-spatial position of Einstein's unified field. This takes the *nonlocal relationship* of the law of unconditional love and *localizes* it inside a naked singularity.

Now, we can see the boy's singularity is different from the law of unconditional love, because his pirate's world does not allow him to get *perfectly close* to his real life. If his imaginary game did get perfectly close to his family life, its special laws would disappear. And, his pirate's world is also not able to get perfectly expansive, either, because then it would run into his family life at some point, too. We know this is true because kids playing imaginary games ignore the world around them no matter how big their dream world is imagined to be. This creates a maximum and a minimum for his game world.

From all the things our young boy could experience and think about, he is now thinking only about a pirate's world. In this focused, specialized state, he has lost his awareness of the party going on upstairs. We call this focused truncation that creates a localized, differentiated whole set off against reality *perceptual condensation*, more commonly known as *repression*. To focus on his game he must repress his awareness of the party upstairs and condense his perception inside his bubble of reality.

Inside this bubble of reality, he will create a new pirate identity for himself. We will define this new being as the *self* (with a small s) as it is in Eastern spiritual tradition, as opposed to the *Self*, which is our true being in reality. The self is also known as the *ego*.

We see here, that false self-identification begins at this step, showing its overall energy level in this chain of causality we're unfolding. Lower than will, intention, purpose and perceived gaps, but higher than the rest of the chain that will follow. Now we see why Jesus' self-identification with the way (and the truth and the life) was so critical. It literally has more power than the universe and all its laws, as we shall see.

We will define perceptual condensation at this level of the game as *mental gravity*, aka an *attractor pattern*. It attracts our boy to his game and condenses his mind inside the pirate's world. It is non-spatial gravity because it has no spatial shape at this level because it is not spatially assigned to any specific topology. Our pirate has clearly condensed his perception inside a differentiated whole, but his abstract game idea of "pirate world" has no definite shape yet, and he *could* play it anywhere—downstairs, outside or in a galaxy far, far away (cue scrolling type.)

PROJECTION: DIMENSION ONE

Now, our pirate adds some props to his game. We observe him pretending the blue rug in the middle of the floor is the deep, blue sea. He swims on it, pretends to row a boat,

and even rides on the back of an imaginary dolphin. Believing the rug is water, he never walks on it (we're getting to the Jesus stuff).

But when he hops up onto the sofa we see his behavior change dramatically. He stands up and grabs the cushions off the back, stacking them up and pretending to steer the top one from side-to-side. After a few minutes, we figure out from his behaviors he imagines the sofa to be his pirate ship, and the cushions to be his captain's wheel. He won't walk on the rug, but he does run from end-to-end of the sofa, barking orders at his imaginary crew. "Man those canons! Hoist the mainsail! Bring me my parrot and a bottle of rum!"

In this continuous, law-based sequence, we see multiple mental steps have occurred. First, he created the *idea* of a pirate ship—a pattern—in his mind. Then, he mentally projected it onto the sofa, changing the sofa in his perception, and making its actual function subconscious to him. But the real sofa continues in his mind, because if our pirate didn't mind the edges of it as he ran along, he'd fall off. His awareness is *split*.

The idea of the ship contains a range of possible activities that a young boy believes would happen on a pirate vessel. He would most likely bark an order to hoist the mainsail, but probably not imagine himself playing the piano. We call the range of potential thoughts, words and actions *probabilities*. On the sofa, the probability he will pretend to drink a bottle of rum is high; the probability of mentally attending a ballet is low. So, even though he is playing an imaginary game, it is anything but random. It is law-based, sequential and consistent with established degrees of freedom.

Each law—the law of the ocean-rug, or the sofa-ship—creates a wholeness and a consistency to that part of the room, and each one has a range of allowable probabilities with certain degrees of freedom. In no way does this range of probabilities break the continuous causal structure of his game. Gap flows into pirate game flows into rug-ocean flows into sofa-ship in a continuous, unbroken chain of sequential causality.

Each new part contains the whole of the previous step holographically. The whole game contains the idea that it is all separated from reality by a mental gap. The whole ship contains the whole idea that he is playing a game. A canon on his ship contains the whole idea that is on a ship. That each step contains built-in degrees of freedom—as many possibilities as he allows his mind to imagine as real within the confines of that step—does not break this sequential chain. The whole thing is a *continuously causal projected hologram with law-based degrees of freedom*. In considering it holistically, we unite relativistic perception and quantized perception.

Our model suggests Einstein was right; quantum mechanics and its probabilistic nature does *not* break the continuous chain of causality of the universe.

On we go. We call the overall pattern of pirate ship that causes him to perceive—"pre-see"—the sofa that way an *archetype*, as identified by Jung. The archetypal projection itself is actually non-spatially attached at first. It's just the general idea of a ship that exists first in the boy's mind, *then* it is projected onto the sofa secondarily. He could just as easily have projected that idea onto a chair, a rug or an ant, for that matter.

So, working very carefully in sequence here, we call this archetypal projection a *non-spatial projection*, because it isn't tied to any concrete spatial geography at first. (Now, for purposes of illustration, we're using the idea of a ship, which has a spatial shape, but he *could* have imagined his ship to be a wholly abstract pattern, like the emotional freedom of being transported around the universe on a cloud of happiness.)

Now, as our pirate mentally projects his ship pattern onto the sofa, how long does the pattern take to "travel" from one end of the sofa to the other? Zero time, right? The boy applies his projection to the sofa *all at once*. It's a holistic pattern. It doesn't flow across the sofa as if he's mentally painting it across the fabric.

So, his pattern is really a *nonlinear projection*. It doesn't start linearly at one corner of the sofa and work its way to the other end. A core value works the same way. If Apple wants their new iPad to reflect their core values, those values don't "flow" from one end of the product to the other, taking time to do so. They apply holistically to the product all at once. And, as another example, the U.S. Constitution doesn't "flow" out from Washington D.C., applying to Boston first before it does to Los Angeles.

We call the study of nonlinear patterns *nonlinear dynamics*, aka *chaos theory*, popularized in Malcolm Gladwell's *The Tipping Point*. (Also see James Gleick's *Chaos: Making a New Science*, or for an organizational perspective, visit Dr. Glenda Eoyang's Human Systems Dynamics consultancy—www.hsdinstitute.org). Nonlinear patterns do "organize the chaos" that occurred *after* the boy dropped his family's law of unconditional love.

Since the nonlinear archetypal projection of the ship doesn't flow anywhere spatially and takes zero time to apply to his target, the level of the game it lives in is *outside* of space and time. He can imagine his ship to be as big as the universe, but because he knows it holistically in his mind as one, unified pattern, he can imagine it takes him zero time to leap from one end to the other. Similarly, an atom of metal in his stern canon and an atom of wood on the bow plank of his ship he might imagine to be separated by a thousand light years, but if he wants to connect them instantly, he just mentally drops down into his pattern level. We call this out-of-space, out-of-time connection *quantum entanglement*, and it is responsible for a phenomenon in nature called *nonlocality*.

But, when our pirate leaps up on the sofa and attaches his projection to that shape, now it *does* take him time to move from one end of his ship to the other. He has created a continuous fabric of space and time—the spacetime continuum—and has bound his projection to it. Prior to this, his projection could have been anywhere, so he has constrained its degrees of freedom.

Now, we can observe here that his ship projection is different from the limitless extension of the law of unconditional law in one critical way; it has a *negation* inserted into it that says this is *not* that.

When he leapt from the rug, which he imagined to be the ocean, and onto the sofa, he passed through a mental boundary that partially negated the region of influence (the field) his ocean-rug and its water laws (this) and turned it into the sofa-ship region with its new laws (that). The continuity of his ocean region, and the mental closeness

of being all the same—ocean—was only partially negated (aka *repressed*) in his mind, because he *does* imagine his ship to be on the ocean.

Along with that negation, the laws of allowable behavior changed in his mind. As he made that leap, he forced the idea of ship onto the sofa in his mind by making its cushions, fabric, atoms and molecules all the same to him—a pirate ship.

Projections create *differentiated wholeness* by *forcing* the idea of sameness onto their target. Hence, it is the origin of discrimination. When we discriminate against a group of people we don't like, we think "*Those people are all the same.*" Doesn't matter what the target's holistic truth is, we take some partial aspect of their being—skin color, sexual preference, whatever—and use it as the focal point of our attention to ignore the whole truth of who they are.

The boy does the same thing to ignore the whole truth of the sofa—and his mother's love flowing through every inch of that room as its causal agent. He makes the room all the same—a pirate's world—and imagines it to be governed by a new law (the pirate's code). Does the same thing to the sofa, ignoring its whole truth and projecting a ship on top of it. The perception of change (energy) is caused by mentally abandoning the whole environment a law creates in favor of a partial perception of difference.

Projection is the false, gap-containing, energy-producing, negating version of authentic extension of the law of unconditional love. It ignores the truth of reality itself. To put a blunt edge on it, *a projection is a lie*. The boy has to lie to himself to believe the sofa is a pirate ship.

Projection is also the ultimate source of discrimination; the boy discriminates against the sofa to change it into what he wants. Projection isolates as it integrates; unconditional love liberates as it integrates. Freedom or prison. Heaven or hell. Choose one. (Similarly, the boy must continuously choose between reality and unreality in each moment, to either continue his game, or go back to his real life.)

Reality is the truth, the whole truth and nothing but the truth, because it is indivisible and infinite. It is *undifferentiated wholeness* because unconditional love transcends all differences. The pirate's world is divisible and finite—it is differentiated wholeness.

Jesus chose Heaven and became one with reality itself, tapping its limitless freedom, including freedom over the laws of nature. Our pirate is free to do the same thing at any time in his game, because his will, intention and purpose reside *outside* the whole game, but also interpenetrate its every structure, giving him total access to them at any time. Whenever he *wholly wills* for his game to be over, it's over.

Yet, if a single object in that game is more real, true and meaningful to him than being reunited with his family, this whole chain of causality remains in place. Imagining one tankard of pirate's ale as real preserves his whole imaginary universe, because it's all strung together sequentially from the bottom up. (Think about *that* the next time you're at the bar sipping on a cold one.)

On we go with our changes from reality, aka derivatives. Projection is really non-spatial, because, we see, his ship is just an idea that can be applied to any spatial sur-

face—the sofa, the car, an ant. And, as we can observe, his nonlinear projections apply to their spatial targets all at once.

If we imagine ourselves sitting on the sofa with him and looking out as his non-spatial projection of a ship hits the boundary of the sofa where he believes it begins, and we imagine that sofa as being surrounded by a bubble—like we're inside a snow globe world looking out as sunlight approaches the surface of the glass—we would see that the ship projection hits every point on the surface of that mental bubble around the sofa at once, and flows onto the glass from every point simultaneously. Why? Because the projection is non-spatial (appearing everywhere relative to spacetime) *until* he ties it to the sofa.

In physics, a bubble of reality bound by a thin, snow globe-like membrane is called a *de Sitter spacetime*, and, as string theorists believe, electromagnetic radiation—like sunlight—flows into these bubbles instantaneously at a 90° angle to every point. We can see this same idea in every bubble of reality he's creating. His whole game is surrounded by a mental bubble that separates it from his real world, but that real world doesn't "flow into" his game from one set point or in a single line, it comes into it everywhere at once.

This has a direct parallel in cosmology; contrary to popular belief, our universe didn't explode outward from one, single point—like a gunshot—but expanded from everywhere at once, like a balloon expanding (see Charles Lineweaver's and Tamara Davis' "Misconceptions about the Big Bang," in the March, 2005 *Scientific American*.)

To make this idea more palatable to our space-conditioned minds, we'll call that instantaneous, nonlinearly projected flow "fixed velocity." As we sit on the sofa and watch the projection come towards us, we see it hit the bubble around the sofa all at once, then flood onto the sofa area at a constant speed, which from *inside* the space created by the bubble, we interpret as the speed of light, or "c" in Einstein's famous equation, $E=mc^2$.

Similarly, our boy could observe that his ship projection really does apply to the whole ship instantly, but once he hops up on the sofa and imagines the projection as stretching from one end of the sofa to the other, he has assigned it a space in his mind. Now, moving from one end of the ship to the other takes *time* for that projection, because it has to move across the length of the sofa.

But the velocity of his projection is fixed, hence Einstein's "c" has fixed velocity relative to everything in spacetime. Just as the pirate's overall ship projection on the sofa is fixed relative to any game content that he will unfold on the sofa, including the motion of the captain—aka the boy's imagined "observer" in spacetime. Just like in video games, each overall scene frame is fixed, while any activity or motion in that same changes relative to it. If there was no fixed frame, there would be nothing to move relative to and motion in the game would be impossible to observe.

So, we see why space and time are so closely related, and why Einstein's theory of relativity discovered they really form a single, continuous fabric he called the space-

time *continuum* or simply *spacetime* (think of the ship projection as a continuous fabric stretched over the sofa).

To tie our model to the physical world, simply consider every object around you as like an object on the pirate ship. See a desk, or a chair or a wall? Imagine them as the desk, chair and wall in the captain's quarters. See a star tonight? Imagine it as a star the pirate sees from the deck. A body? The body of the captain or one of the crew.

The holographic model of the universe theorizes that every 3D object we see and every physical force we experience is written on a thin, 2D boundary surrounding our whole universe. In our model, this parallels the pirate ship laws the boy has mentally written on the boundary surrounding the sofa. You can visualize the comparable boundary around spacetime by simply sitting on the sofa mentally with our young pirate, and instead of thinking you're on a ship, imagine that the sofa area of his game is the entire physical universe of spacetime.

Physicist David Bohm theorized every object in nature is arising from hidden patterns existing behind the physical universe, in what he called the *implicate order*. We see that order clearly in our pirate-game model; is the pattern level where the pirate keeps his overall mental patterns for whatever physical object he imagines as real in his game. The dolphin, the row boat, the ship, the parrot, the canon—they all originated at the projected pattern level of the boy's game, which itself was caused and tied to the whole game field. Bohm called this hidden, implicate order behind spacetime loaded with patterns the *holomovement*; both holographic and a projection, which we see our model clearly supports (see his book, *Wholeness and the Implicate Order*).

We also see this is also where the pattern for every crew member he creates lives. They appear to him to be many, but they are all arising from one mind—his—splitting itself again and again at the pattern level. Called the "one appearing as the many," in Hindu tradition. Jung identified this master database of human personalities as the *collective unconscious*, and it is one and the same as Bohm's implicate order, per Pauli-Jung.

In fact, Jung's model of the collective unconscious explained his principle of instantaneous causality—synchronicity—which Pauli realized directly paralleled quantum entanglement in physics. We see in our model that synchronicity and quantum entanglement are one and the same. A crew member at the bow of the ship and one at the stern—and the particles of metal on the respective canons they're polishing—are instantly, synchronistically connected at the pattern level, even if the boy believes the sofa-ship to be a billion miles long.

MATHEMATICAL CONTINUITY

But, we need to remember we are building a continuous chain of causality that began with the gap, then the non-spatial game field position. And, if physics and its math *really* are the same thing as psychological processes, we need to follow our chain mathemati-

cally. Each mathematical term *must* be carried forward sequentially and be included holographically in the next step of the equation.

We'll address how the mental gap carries forward in the chain in just a bit, but we will address how the mental singularity of the whole game carries forward here mathematically. In fact, the "1" from our previous equation is carried forward and is still present in our unfolding equation.

We said earlier, the unified field equation at the game field level is $E=1$. At the projection level of our pirate's world where his non-sofa attached pattern lives, Einstein's energy equation become $E=c$, which implies the holographic whole of the game field (1) is missing. In fact, it's still there.

To carry the previous "whole" forward in the new projected "part" (ship), the equation *actually* reads $E=(1)c$. This mathematically reduces to $E=c$, since 1 times anything is itself, so the 1 appears to go away, but it is actually still there.

The *energy*—the perceived capacity to cause change—condensed inside the naked singularity of our pirate's game world is *still* present and continuous, but now he has also condensed it into a nonlinear, fixed-velocity projection, too (c), which is the same but *different*. *Whole* game world (E), ship projected *part* (c) and *relationship between them* (1), hence $E=(1)c$, or simply, $E=c$. (In fact, you see since they are all the same thing, you can really substitute, E, 1 and c freely; only perception of sequence makes them appear to be different.)

View the pirate's projected patterns continuously with relativistic perception, and you perceive them as condensed streams of flowing energy at a fixed velocity—light waves! The same thing as a field, but *different*, which is why light is understood by physicists as a moving disturbance in an electromagnetic field. View these non-spatial projections of energy with quantum mechanical perception, and you'll see them as a "stream of light bullets" (known as *photons*) with tiny, quantized gaps between them, which is why they are also called *quanta*.

THE MATHEMATICAL CONNECTION BETWEEN THE CONSCIOUS AND SUBCONSCIOUS

This condensation of the game field's energy into projections like the ocean or ship does not eliminate his game field singularity, but carries it forward holographically and sequentially, which mathematically translates as *multiplication*. When it is partially repressed by the boy, we get *division*. (Works the same for any step carried forward.) We touched on this earlier, but let's take another look because it's important.

It works like this. When the boy splits his mind, a line is crossed (i.e. like the boundary around the sofa that separates the ocean-rug from the ship-sofa). But because it's all sequential, the previous influence continues (like the boy consciously remembering his ship is on an ocean). When that continuity flows, we get a *multiplication* of energy.

When a mind-split line is crossed with the previous influence shunted into the subconscious (i.e. like the boy partially forgetting the ship is on an ocean because he is so focused on what's happening on board), we get *division*, with the previous dimension falling "below the dividing line"—out of his conscious awareness into his subconscious.

The interface between them? It's what is known in math as the imaginary numbers (i), which determine how real the current mind-split—i.e. a *dimension*—is relative to the previous dimension. The imaginary numbers "shuttle" numbers up and down over the division line between conscious numerator and subconscious denominator, like a little elevator. The iElevator—Steve's favorite kind.

A push down into the subconscious makes the current dimension appear "stand-alone" and complete on its own (like the boy forgetting about the ocean's causal relationship to the ship by shunting it into his subconscious). This creates *quantized perception*.

In contrast, a number moves up via the iElevator when the previous dimension's presence is recalled (like the boy remembering the ship is sailing on an ocean). This creates continuous, relativistic perception. This little elevator ride process is called *up and down spin* in quantum mechanics. Up spin creates multiplication, which increases the causal presence of the previous dimension; down spin creates division, lowering the causal presence of the previous dimension.

PAST, FUTURE AND THE ORIGIN OF CHAKRAS

Now, A Course in Miracles teacher and author Gary Renard (*The Disappearance of the Universe, Your Immortal Reality*) teaches that energy is nothing more than projected thought, and at this nonlinear projected level of his game, we see he is spot-on. Projection is simply authentic extension of unconditional love (like the mother's love interpenetrating every inch of that room), with an Easter Bunny fence added "around it," which represses the previous reality in the mind, and projects a new, different reality.

Energy as projected thought with its telltale gap is embodied in the equation $E=(1)c$, aka $E=c$. See the gap? It's there. It's *between* the numbers. It's what makes them the same but *different*. They are all really one number—1—simply *perceived* as different from each other. Just as the number 5 is really just the number 1 repeated five times but perceived differently. And, just as our boy's pirate ship is the same as his game field carried forward holographically but made different *perceptually*.

We said the whole universe must arise from Einstein's unified field of energy, but it also has to create *diversity*. This means *every* variable in Einstein's equation—in fact, every variable in every equation in physics—has to be synonymous (self-similar) to energy at the $E=1$ level of the unified field, but simply *appear* as a different form. This means every accurate equation about nature must ultimately resolve mathematically to

1—like many pieces of a jigsaw puzzle all fitting together in a single, continuous picture. Philosopher's stone reassembled.

So, our pirate's game field energy appears in a singularity, then appears as a ship projection, then appears as a boundary around the sofa. The function of the mental gap found at the boundary between the steps of his game—and between the numbers in Einstein's equation—is to *preserve* the continuous causality of the previous dimension, while *twisting* it into its new, and different form. This twist is known as *quantum spin* when viewed as an isolated part, and *angular momentum* or *rotation* when considered sequentially.

Imagine a single guitar string tracing the path of his projection through his whole game. Each gap between each step doesn't cut the string—otherwise the unbroken continuity is gone—instead it collapses the entire whole of the previous step into a pinch point—like a guitarist putting a finger down on a vibrating string collapses the vibration at that point. Now imagine that guitarist mentally twisting the string in a new direction by rotating it in a circle at the pinch point.

Similarly, our pirate is simply collapsing the whole idea of a ship and all of its possible contents into one specific piece of content—a parrot. And, the ship itself is really just a collapsed condensation and twist on the whole idea of a pirate game.

Each new step, in this condense-and-twist process mentally squishes a larger, more free whole (e.g. the whole ship) into a smaller, more specialized part (e.g. a parrot on a ship) in the next step.

Now imagine this sequence of squishes at pinch points like one, huge vibrating guitar string with many fingers on it, each clamping down hard, but allowing each segment between the fingers to still vibrate. That's how dimensions work in a string theory universe; as perceptual pinch points on a continuous, vibrating, holographic projection.

The continuous string projection forms a series of hourglass-like shapes throughout our whole pirate's game. Each previous dimension falls *behind* the mental finger; each new dimension falls in *front* of it. We call the hourglass shape centered around each dimensional boundary the *forward and past light cones* (see Hawking's *The Universe in a Nutshell* for a picture. We're reviewing the psychological blueprints of the nutshell now.)

When the boy is on the sofa focusing on his ship scene, he has mentally squished the possibility of playing *any* scene at all. He has forgotten (repressed) the total range of possibilities; known as *collapsing the probability wave*.

The collapsed probability takes the iElevator into his subconscious where it becomes a *negatively charged probability*, as Dr. Hawkins identified. That is, a retained probability drops below the line (goes -1 mathematically) to retain its paired, causal connection to content above the line. It becomes a *history* in physicist Richard Feynman's *sum over history's* model, influencing the present. Negatively polarized vacuum energy in Harold Puthoff's research. Matter/anti-matter. Gravity/anti-gravity. You paying attention NASA? SpaceX? We're talking about getting astronauts beyond the moon here.

To visualize this process creating a past and a future, imagine our pirate standing on the sofa, facing the back of it. Now imagine an hourglass horizontally running through him at the stomach, (it's imaginary so it doesn't hurt), with the top half sticking out from his belly button, and the bottom half sticking out from his lower back.

His pirate ship projection has to happen *before* he can jump on the sofa and experience that scene, so it exists *behind* him in the bottom half of the hour-glass—his past. That ship could have been anything—a cloud of happiness, a flying elephant—but that whole possibility was collapsed and twisted at the boundary of his current level of the game when he specifically visualized it as a ship and assigned it to the sofa. Again, this is called the collapse of the probability wave. Before he collapsed his ship pattern to the sofa, the probability existed it could have been assigned to *any* region in the room.

After the collapse, as he plays at the new level of the game, the actual loss of freedom is forgotten. His ship seems big and full of possibilities as he fills the scene with content—his future seems wide-open, like the hourglass expanding outwards from his belly button. Hence, we say his future is a non-collapsed probability wave, but, in fact, it has fewer overall degrees of freedom due to its causal connection to the past.

In Chinese energy medicine, a top-to-bottom sequential succession of forward light cones and past light cones emanating from the body horizontally are called *chakras*. Imagine them as our paired hourglass halves of the past and forward light cones, with the bottom of the glass rotating in contrary motion to the top. A counter-clockwise rotation indicates a past perceptual orientation—looking backwards in the game—and a clockwise rotation indicates a future orientation. iElevator down into history; iElevator up into the future. (Neither is home for Steve, though.)

In the physical universe, counterclockwise rotation manifests as left-handed matter and left-handed rotating galaxies—indicating you're looking at a mental portal to the past, aka a lower dimension. Clockwise rotation manifests as right-handed matter and right-handed rotating galaxies, indicating you're looking at a portal to the future and higher dimensions. Better fire up Carl Sagan's *Contact* and have yourself a look-see when Ellie's alien dad sends her back home. Did they get the spiral direction right?

The two halves of the hourglass intersect at the implicate order; the point where spacetime touches the out-of-space, out-of-time pattern level hidden behind the universe. So, if you can bring the two halves of the Star of David light cones together and control them in your mind, you can pretty much drive wherever you want in space or time, with an alternating, positive-negative energy warp drive, because history is a negatively charged probability relative to the future. Hello, Dr. Who's TARDIS.

Or, if you can get *right* into that pinch point where the hourglass touches, you can drop down *past* the implicate order's polarized field, past the black hole goo surrounding the naked singularity and be *anywhere* in the universe instantly. Hello, apparating, Harry Potter-style. So, buckle up, New Agers, Potter fans and SETI enthusiasts, Jesus physics aren't just about reducing the wine bill at your wedding. This is about us prisoner in solitary getting out of our self-inflicted cells.

DIMENSIONS AND FORCES

Let's formally define each level of our pirate's game, created by splitting his mind again and again into a perceptually perceived whole as a *dimension* (call it a chakra if you wish). A dimension is simply a single unit of differentiated wholeness viewed as the same across the entirety of its environment. Whole gap. Whole game field. Whole ship. Whole parrot. Each dimension—via the twisting, turning light cone—is a continuation of the previous idea's context (parrot continues ship), but differentiated by the mental twist in the pirate's mind.

A *force* we define as a hard twist—going in a new direction—which manifests in spacetime as a 90° angle on the continuous projection of light energy, or what we call *polarization*, which is why force fields appear at 90° angles relative to each other. These 90° angles form the outer boundaries of the dimensions—the hard edges of our v-shaped light cones with squishy, more free “ice cream content.”

In a sequentially causal projection, each new dimension becomes a part of the previous dimension's whole; that's what preserves the continuity of the hologram. Thus, his parrot is part of whole ship which is a part of the whole game. A nested, causal sequence of whole and parts—whole, part and relationship between—is called a *holarchy*, a term coined by Arthur Koestler (see Ken Wilber's book, *The Holographic Paradigm*).

But, fans of Dan Brown (*The DaVinci Code*, *Inferno*) might be sensing a little dramatic foreshadowing here. Swirling parts reflecting their swirling wholes is also known as the *golden ratio*. It's a mathematical trick that nature uses to make self-similar swirly patterns, like the swirling seeds of a sunflower, or a whirling nautilus shell or swirling, self-similar universes in a multi-universe structure known as the *multiverse* (see Brian Greene's *The Hidden Reality: Parallel Universes and the Deep Laws of the Cosmos*).

The golden ratio arises from the mathematical Fibonacci sequence, which creates continuity, perceived differences and holographic self-similarity. Can you find it in our math sequence so far? To help, let's summarize. The first split on the game-side of the gap forms the zero dimension—a zero-dimensional naked singularity (the pirate's game field). Equation: $E=1$. This creates non-spatial mental position, the first derivative of reality.

As an aside, we said each dimensional step must cause the next one and preserve itself, which means the ship projection must *already exist* in the pirate's game field singularity. So, where is it? You can't see easily it in our game model, but it's there.

When a singularity views itself as a purely self-contained whole, projected energy becomes self-contained and is translated into *rotation*—like the earth rotating on its axis. Outside spacetime, rotation manifests as *quantum spin*, which twists that guitar string around. At the boundary of spacetime it becomes *angular momentum*, which we'll look

at in a bit, and inside spacetime it's good old *object rotation*. Exact same thing—self-contained projection—perceived differently via varying dimensional perspectives.

So, to continue Fibonacci's sequence, the second split forms the first dimension—in which rotation is projected externally from the singularity (like sunlight projected from the sun), which creates nonlinear projection (his ship pattern). From within our spatial framework, this appears to create fixed velocity, aka the constant speed of light, the second derivative of reality. Equation: $E=c$.

The third split creates the boundary around the sofa, which creates the third change from reality. We'll explore that change next—and see how Fibonacci can help us wrap it all together in a present for all the scientists, philosophers, mathematicians and spiritual teachers who have been working so hard to assemble this philosopher's stone.

THE 'BRANE BOUNDARY: DIMENSION TWO

The second dimension we can see clearly when our pirate leaps from the rug onto the sofa and his behavior instantly changes to reflect his new perception of being on a ship. He passed through an invisible, ultra-thin boundary that surrounds the sofa in his mind, turning it into a ship. On one side of that boundary, his ocean laws are written and on the other side, his pirate ship laws are written.

Just like when you pass through the border from the United States to Canada, their respective laws are written on the opposite sides of an imaginary, ultra-thin boundary (which unconditional love passes right through, btw—no cavity-check required).

Physicists define this ultra-thin, two-dimensional boundary as a *'brane*, short for *membrane*. It is also called a *holographic boundary* in string theory. Again, many physicists believe such a boundary surrounds our entire universe, with the foundational laws of nature like gravity and electromagnetism written on it and projected interior to our universe. (We compared it to the glass globe of a snow globe earlier). Schucman identified this in *A Course of Miracles* as a frame that determines the contents of its picture.

The mental frame around the sofa determines the picture the boy sees there—a pirate ship. On the boundary we see written our pirate's mental laws—beliefs—that determine what can and can't happen on the pirate ship. We call these laws *boundary conditions* or *initial conditions*, as they're known in nonlinear dynamics, or *tropes* in philosophy—a set of attributes. They are also called *beliefs about a physical system* as studied in an emerging sub-discipline of quantum mechanics called *quantum Bayesianism* (aka QBism), which is a contemporary continuation of the Pauli-Jung/physical-psychological line of research. (See *Scientific American*, June, 2013).

This thin, two-dimensional boundary creates the second dimension, but, he also needs to fit his projection to the sofa area, so his ship doesn't spread out onto the rug where he imagines the ocean to be. So, he *bends* his ship projection in his mind to fit the sofa.

This bending binds his pirate ship pattern (which is non-spatial) to a spatial target. This repeats the overall perceptual condensation trick that created his whole game, only this time the abstract game field is given a *shape* and a *space*. In fact, gravity is the shape of space, Einstein discovered; no different than the boy shaping his projection to fit the space of the sofa. So, in the second dimension, mental gravity—an *attractor pattern* in chaos theory—becomes spatial gravity.

Is space flat or curved? Depends on which level of the pirate game you're perceiving it from. Each dimension has its own perceptual topology. And, like a pair of sunglasses with a different-colored lens for each dimension, you can flip a lens up or down and perceive spacetime as any shape you want (See the movie *National Treasure* for a take on this idea. This is also how you drive a deep-space vehicle between dimensions, btw. You paying attention, Ellie Arroway? No sleeping during class.)

This pattern-fitting technique is nothing more than the boy's original perceptual condensation trick that separated his whole game from his family life repeated, and attached to a specific target—the sofa. Thus, using Pauli-Jung, gravity is realized as nothing more than perceptual condensation (aka repression). From this understanding of the *true* origin of gravity, we see Stephen Hawking was right in *The Grand Design*; gravity arose *before* the universe of spacetime began.

So, we have logically, sequentially reverse-engineered a physical force (gravity) from an idea (perceptual condensation) under the control of the mind—and we now have a working theory about the mind as an interface to, and control mechanism of, the law of gravity. Only took us 2,000 years to figure it out.

Far from being magical, supernatural or God randomly messing around with nature because He wants to screw with scientists, Jesus' miracles were faithfully following the most natural law in all of existence—God's law of unconditional love. Jesus' miracles respect what we pirate's have made, but are not beholden to it. (Similarly, the boy can override any of his laws simply by dropping down mentally to the level where they were created, or leaving the whole game entirely.)

So, gravity draws our pirate's ship projection to the sofa and collapses it to fit. We see each new dimension of his game is collapsing the previous one into more and more specialized parts, each with fewer degrees of freedom than the previous one.

Thus we see an *increase in specialization* with each new dimensional split, but a corresponding *decrease in degrees of freedom*. Energy is progressively getting bound into tighter and tighter structures with less-and-less freedom at the boundaries; like a piano string getting wound tighter and tighter around a series of pegs on a piano's sound board. The vibration of the string goes higher as the tension increases, but it is less free to vibrate in any direction. Yet, of course, the pirate is only bound to a given dimension based on how rigidly he enforces it in his mind.

In fact, the mystics say, the overarching story arc of how we spiritual beings got ourselves into this human mess in the first place was by sequentially self-identifying

with more and more restrictive levels of form, giving up our true spiritual freedom one step at a time (see Wilber's *The Holographic Paradigm*).

Eventually we're reduced to trying to bend spoons with our minds, while the entire universe we reside in is made from nothing but an idea holographically present in each of our minds! (In fact, you can see on our pirate's map at the end of this document exactly where the power of the mind is given up relative to objects in spacetime—in dimension seven—which makes physical objects seem strong and thoughts seem weak).

We can see from our model each dimension is nothing more than a mind-split that makes that level of the game more real to the pirate, and the previous dimension—with its higher causal power and greater freedom—less real. Similarly, the mystics says, we progressively gave away our power by sequentially distancing ourselves mentally from reality. Jesus simply showed us what happens when we reclaim that power fully. There is nothing supernatural at all about this power; ironically, it is *nature* that's supernatural.

To use a physics term, our pirate's game has *decreasing entropy*, which means if he mentally drops down to a lower level of the game, his freedom over a higher dimensions' laws increases. This is how our model theorizes Jesus gained freedom over the laws of nature—and precise control over the law of gravity—by mentally dropping down through its dimensional structure at will. The will exists *outside* the entire game, and yet wholly interpenetrates every point within it. Align your will wholly with the reality of God's love, and you can overcome every force in the universe.

Now, Einstein also discovered gravity and acceleration are the same thing. And indeed we see he is correct from the viewpoint of space and time. The non-dimensional pirate ship was projected through the boundary around the sofa, which gave the projection direction by collapsing it to fit the sofa.

We call that change in direction *acceleration*—the *third* derivative of reality. Normally we think of acceleration as like going faster, but it's also like when you go around a corner and feel that change-in-direction force acting on your body (although we're getting ahead of ourselves a bit—the actual force your feel comes in a couple of dimensions from now).

Acceleration is the third sequential change—derivative—from reality, the second derivative of non-spatial position and the first derivative of non-spatial projection, aka "constant velocity."

Since this acceleration is not tied to a force yet, we call this forceless acceleration *angular momentum*. The boundary around the ship bends our pirate's projection at an angle to fit the sofa, adding angular momentum to his overall energy. It's not technically mass yet until we add a force to it (which we do by creating a target for the projection, which bends it at 90°), but to keep our model simple, we will call this angular momentum change *mass* for now and symbolize it with an "m." This creates $E=mc$ at the second dimensional boundary 'brane around the sofa in our pirate game.

Thus, moving light has no force-based mass (called *rest mass*) but does have angular momentum. This is why every photon of light can carry all the energy in the universe,

but not knock you on your butt every time you turn on a lamp. Force-based energy is not applied to light until the fourth “spatial” dimension, at which point it is perceived in the 3D universe as *sound*. How’s *that* for a head-spinner? (The scientific discovery of sonoluminescence uncovered this relationship, only in reverse—changing sound into light (see the work of physicist Claudia Eberlein on sonoluminescence as quantum vacuum radiation).

Force enters in the fifth dimension (fourth spatial dimension) because it takes two dualistically separated projection targets—masses—for a force to be exerted, and that’s the dimension where “m” is squared in Einstein’s energy equation. Force always takes two physical bodies to tango because it must be transferred from one to the other. (The Pirate’s Map Home at the end of this document shows the sequential progression of the equations for force, energy and gravity through this whole pirate’s game).

So, to summarize, our pirate has created three derivatives—changes—from his loving relationship with his family. Nonspatial position forming the zero dimension ($E=1$). Nonspatial projection forming the first dimension ($E=c$). And a 2D dimensional ‘brane around the sofa forming gravity, acceleration and angular momentum ($E=mc$). These boundaries and their respective tensions form the guard rails that deep-space drift racers stay between—otherwise you ding up your paint job.

THE PIRATE’S SAFETY MECHANISM: THE SCIENCE OF MIRACLES

Looking at his game, we can use quantized perception to perceive each dimension segmented as a causal whole. The whole ship pattern in the first dimension *causes* the whole boundary to be projected on the sofa which *causes* the whole pirate and his crew to be projected onto the sofa. Perceived this way, each dimension has *discreet causality*, or what call *quantized causality*. The parrot is separate and discreet from the ship. Works the same way when we humans perceive anything anywhere as separate and stand-alone. Separate rocks. Separate stars. Separate bodies. Separate minds.

In quantized perception, each dimension is its own mental sandbox the pirate can only rearrange according to the laws governing that level of the game written on the boundary around that field. (To see the nests-upon-nests of mental sandboxes, check out artist Alex Grey’s piece “Universal Mind Lattice” in his book *Sacred Mirrors*. He published that image 32 years ago, and we’re just figuring it out now.)

We can further observe from our model that causality exists in *inverse* relationship to the dimensional energetic structure of the pirate’s game universe. His *true* power over everything in his game goes *up* the closer he gets to his family’s love—i.e. *down* in his game’s dimensional structure towards the game field, then out of the game entirely. (Which takes but an instant in the recontextualization of enlightenment.)

As our progressively increasing equation shows ($E=1$, $E=c$, $E=mc$), each higher dimension increases energy (by pushing up its frequency, according to the equation

$E=hf$), but each dimension is quantized, which “keeps the shape” of every discreet idea as it scales up across every dimension as a repeating, self-similar pattern.

Arthur Young identified the *torus* as the geometry that makes this self-similar scaling possible in *The Reflexive Universe*. Also, mathematician Robert Osserman in *The Poetry of the Universe* observed the torus—aka a *hypersphere*—can scale dimensionally and retain its self-similar shape. The torus allows a highly consistent, self-similar medium (like air) to take on different shapes that appear radically different (like a tornado). So, we can see why it would do the same thing for the self-similar medium of energy building the entire universe. In fact, Einstein used geometer Georg “E-less” Riemann’s hypersphere (torus) as his geometric model of the universe to develop relativity.

So, we can theorize from our model that higher-dimensional beings can ignore the lower-dimensional chaff, just like our pirate can ignore his lower dimensional ideas he’s no longer interested in. Or, they can know *everything* we know—an idea illuminated in Carl Sagan’s movie *Contact* when Ellie is reunited with her dad.

So, as the pirate’s ship idea sails up into the higher dimensions on the pirate’s journey as a self-similar scaling fractal pattern, it is actually moving *lower* on the overall causality scale. Just as the pirate getting really, pumped-up about shouting “Swab the poop deck, ye scurvy dogs!” loud enough for everyone upstairs to hear him say the word “poop” might energize him, still that sofa-level action exists way down the chain in causal power in his game from his will, purpose and intention, for example.

So, dropping his awareness (the focal point of his attention) down to a lower dimension de-energizes his higher dimension patterns, but gives our pirate higher causal power. In music, we would say he is approaching the fundamental note, by dropping down through the harmonic series. All those guitar finger pinches between dimensions create “living” overtones if they’re not too heavy-handed—again see Ellie’s reunion with her dad.

Thus, any law that arises on the ship in the pirate’s imagination—including the laws of disease, suffering and death among his crew—can be undone by him wholly dropping down mentally to the first dimension where the pattern exists. But, interestingly, we see that the desire to change *anything* on his ship level focuses his awareness at that game level, which takes his mind off the whole pattern where it exists in dimension one.

So, as long as he is focused on a single hair on one of his crew member’s heads—and wants to change it in the least—he cannot wholly access the pattern that created that hair or that crew member. In fact, it is only when the pirate and the crew member both wholly agree they are the same mind simply split into different characters, that they can erase anything in each other, and only then by the whole and voluntary consent of the other. Miracles happen when minds join together as one, which creates a personally meaningful, close experience, a pattern we observed in Jesus’ miracles. Hence, when he walks through a crowd, the people who bump into him randomly aren’t healed, but the

woman with internal bleeding who touches him out of a closeness of personal relationship to him—aka faith—is healed instantly.

Jesus could cure others in an instant of any suffering they had, but never by force, or harming them or doing *anything* against their will—which would have split their minds dualistically at the root will level of the game and caused that split to filter down through every dimension to where he was trying to heal them. Just like if the captain tries to use his mind to do a Jedi mind trick on a *separate* crew member—no luck.

So, sorry, but no, you can't drop down to the pattern level behind spacetime and erase that dude at work who's been ticking you off. A *single perceived difference* between you immediately binds your awareness to the sofa of spacetime. You would have to know his pattern as one and the same as yourself, at which point the space between you would be gone, your wills would be aligned, and there would be no place to aim your *avada kedavra* curse but at yourself. What lesson did Luke learn in the cave in *Empire Strikes Back*?

So, our model has an incredibly effective safety device built right in. Sure, we humans can mess around with the overall energy at our level of reality—even blow each other off the planet with our nukes—but we can't just wish each other away. To perceive a single nose hair as out of place on another binds your mind to this sandbox. Remember, *perceived differences* are what create each dimension in our causal sequence.

Neither can you leap up to a higher dimension and pull that energy level down to our dimension to kick a little butt. Sorry, it won't fit. Physicists have learned in holographic theory that energy is simply *information*—an idea advanced by John Wheeler. Each dimension has an information capacity storage limit, just like a hard drive has a maximum capacity. That means you can't just jam more and more energy/information into spacetime. To play in higher dimensions you have to go there and have the experience. What happens in higher dimensional Vegas stays in higher dimensional Vegas.

While each higher dimension *influences* the lower ones via relativistic perception, the experience of the higher dimension in full—including its full information-energy—remains there. Only a shadow of that experience fits here in our lower dimension universe.

Regarding change, in Jesus' miracle stories he never said he was here to change the world and make it better so we could all have a nicer place to live. Instead, he extended an invitation to all of us to follow him out of here completely to Heaven.

Along the way he healed some of our dream maladies, but not because he wanted to change them. The suffering person wanted that change and Jesus helped facilitate it, just as the rising sun dawning in your awakening eyes facilitates healing of any sickness you contract in your dreams and want to get rid of. Suffering arises from our human level of mind on the sofa that believes in change, including the primal one that separated us from the reality party in the first place.

Human perception "confined" Jesus' power to heal the world to his physical body, (he was the son of man, too), so he *appears* to transcend the laws of nature from within a

body, while leaving our laws intact. Only when one of us powerfully and personally asks him to heal at a distance does he do so—healing the Roman centurion’s servant—indicating his power was not tied to his body. Close, but infinite.

THE THIRD DIMENSION: THE TRUE ORIGIN OF HUMAN LIFE

Now, we mentioned helicopter inventor and philosopher Arthur Young (*The Reflexive Universe*) a bit ago. He suggested the *third* derivative of position should be considered conscious control, because only a sentient being can control the *second* derivative of position—acceleration. (For example, you can control the acceleration of your car, but falling apples can’t consciously control their acceleration so they don’t get bruised when they hit the ground.)

So, to figure out how to get a conscious human on earth who can stomp down the gas pedal, we simply continue our sequence. The boy jumps up on the sofa and creates a conscious being there—the captain.

We can think of the captain as being inside the snow-globe like boundary surrounding the sofa, again, called a ‘brane. The ship pattern flows inwards from that boundary *only* if the boy imagines someone is *inside* the boundary to receive it. He could just as easily have imagined the ship as a flat, 2D picture surrounding the sofa but having no inside—i.e. no third dimension—and no one on board.

So, the creation of the captain moves the projection *off* the 2D boundary, like light flowing into a snow globe from the surface of its glass globe. This creates *movement* for that 2D dimensional, inward projection (c), which creates the *third* dimension, now inside space and time, because his ship now takes up space—being attached to the sofa—and it takes him *time* to move from one end to the other.

We are each our own, unique bundle of a discreet packet of mental attributes (tropes) that make us up. Just as each crew members on the boy’s ship has a unique set of attributes he decided they had, then projected on him or her in mentally discreet packets. Again, a collection of attributes known as *tropes*.

Technically, how are diverse humans created from the same flowing pool of projected energy? Think of the “potential packet” of every human as one “strand of water” in a huge, flowing stream. The mind creates separate humans by sticking its guitar-playing fingers into that stream to slow down and spin each strand in a unique way, which causes light to be delayed and spun just a bit—called a *Lorentz transformation*. Just like a rock in a stream slows and spins the path of moving water. Technically, we say quantum spin added discreetly as the drag differential of light formed into a probability wave creates a Lorentz transformation that appears as the static, swirled double-helix of the DNA molecule in 3D space. Your DNA, Mr. or Ms. Pirate!

How does the math work? Well, mathematically, this projection from the 2D ‘brane boundary to the inside of the sofa has to repeat (carry forward) the three-step dimen-

sional process we've identified so far. The third dimension creates *spatial position*, a repeat of the original idea of his non-spatial game position, only attaching it to a sofa now. Any time the same step is repeated in this sequence, it appears as "itself times itself," which *squares* the original variable in Einstein's equation.

So, when our pirate repeated his original game field condensation and applied that same trick to condense his ship to fit the sofa, he squared his singularity. But, 1^2 is still 1, so it doesn't change in our equation. Then he repeats his non-spatial projection trick—*c*—to move the captain pattern off the 2D 'brane around the sofa and *onto* the 3D ship, hence we get c^2 and Einstein's equation becomes $E=mc^2$, exactly what he discovered in 3D spacetime.

We also see the force equation perceived in 3D spacetime as $F=ma$, because fixed-velocity times spatial velocity is simply the same idea perceived two different ways, which creates acceleration (*a*), which mathematically is simply velocity times velocity, or non-spatial (*c*)—aka *scalar projection*—times spatial (*c*). So, $F=m(c * c)$, which reduces to $F=ma$.

So, the pirate captain's life on the sofa is equivalent to your human life in spacetime. Every person on earth is your crew, captain. You now have a big, fat red "X" that says "You are here" on the map of the illusory universe in front of your eyes. You now know where you are in the matrix, Neo, courtesy of Einstein's red pill.

Your brothers and sisters in science have illuminated the way out of misery for the human species. They have literally lit the way home. The next time you see a scientist, give him or her a hug and say thank you.

THE FOURTH DIMENSION AND FIFTH DIMENSION: TIME AND FORCE

How does time fit into this mess? Well, time is the mental quantization—Sasquatch slicing—of any dimensional whole so that its continuous fabric *appears* broken up into little slices with gaps between them. Like if the boy imagined his whole, nonlinear ship projection being divided into countless slices, and "loading" onto the sofa in a line-by-line manner, like how big graphics used to load slowly in the early days of the Internet. Because it is divided like this, his projection takes time to "flow across" the whole sofa.

Physicists have traditionally assigned time to the fourth dimension, but it is really just a repeat of the gap-making process that started the whole game. Einstein discovered time was tied to space because it is tied to *every* dimension in the same way—as one perceptual choice of two: To view that dimension as a continuous whole—again, relativistic perception—or as a series of pieces, aka quantized perception. Vector or raster graphic. Illustrator or Photoshop. Space or time. Tomato, tomahto.

Time and space are inversely related because they are two sides of the same perceptual coin the mind has to flip between, because it can't choose both at once. When the iElevator is on the top floor, the dimension seems whole, continuous, nonlinear and

as a single, unified fabric—relativistic perception. When the iElevator drops down, the unity appears broken, the dimension appears broken up into little pieces—quantum mechanical perception.

Space is the relativistic perception of the third dimension; time is the quantum mechanical perception of the third dimension, again, usually assigned to the fourth dimension. They are just two ways of mentally perceiving *gaps*—with a continuous line flowing across it, or as an empty space. Psychologically, space is the conscious perception of the third dimension, time is the subconscious perception of it.

To grasp the difference simply between space and time, go outside and look at the Big Dipper on the next clear night. Now, imagine it like the boy does his pirate ship projection; as a single, cohesive picture—a big pan—which mentally causes you to connect the dots, right? Your mind draws lines between them, known as *vectors* in mathematics. Clearly, that connective process doesn't squish all the dots together. The gaps between them are preserved, they are just connected by the vectors—no different than when you completed a dot-to-dot puzzle as a kid to reveal a single, big picture.

That's relativistic perception; vector-based perception that preserves the gaps, but connects the points. This is how Einstein's relativity views space; as points connected by vectors creating a continuous "fabric of space" between objects. That fabric is not pure nothingness, but is the something called the spacetime continuum. If there was nothing there, the stars would all squish together into a single dot.

Now, when those dots are connected, how long does it take your mind to leap from one end of your pattern to the other? Zero time right? The whole pan applies to all of the stars at once, just like the boy's ship pattern applies to the sofa all at once in his mind.

Now, drop the connective lines in your mind and let each star stand alone. Now there is no connective pattern—no big picture—uniting them all as one instantly, and it takes your mind *time* to skip from one star to the other. Start at one end of the constellation and move sequentially to the other end, star-by-star. That's quantum mechanical perception—gaps preserved and connecting vectors dropped. Like an unfinished dot-to-dot puzzle. Gaps plus no vectorial connectivity is what creates the perception of time. Like the boy mentally painting his ship across the sofa, line-by-line, or you wanting to disconnect yourself from an experience and so time crawls (Einstein's hot stove).

So, relativity and quantum mechanics really are just two perceptual choices; to view gaps as connected by a thread or not connected by a thread of continuity. Graphic designers can note this directly parallels how Adobe Illustrator makes graphics (as vector-based art), aka relativistic perception—versus Adobe Photoshop (as individual dots known as pixels, or raster-based graphics), aka quantized perception.

SENTIENT WORMHOLES

Now, the fifth dimension—originally proposed by Polish mathematician Theodor Kaluza—gives the pirate's "thought packet" projections a container, which creates a special

delivery for each individual crew member. When the projection came off the 2D 'brane boundary around the sofa ($E=mc$), it got motion ($E=mc^2$), but in the fifth dimension that motion gets a 'brane container around it—which adds another (m) to Einstein's equation, making it read $E=m^2c^2$ in the fifth dimension. (Let's note here that Einstein's energy equation we are building sequentially is the quantized dimensional version ; the relativistic version I include one example of below in the Einstein-Rosen bridge discussion, and its progression can be followed in our final, summary table for gravity.)

See the sequential pattern emerging in Einstein's equation? Anytime the pirate projects something "in motion" you add a (c), and whenever he adds a 'brane boundary around something, you add an (m) to Einstein's universal energy ratio.

This process creates an *alternating dimensional relationship of strong-weak*, because when he adds a 'brane it condenses or collapses the previous dimension strongly (m). And when he breaks that condensation in the next dimension, it creates a "weak flow" from it (c). Just like the sun is strongly held together with massively powerful forces, but shoots off weak sunbeams that can't even knock over an ant.

So, in dimension five, each projected thought that will be assigned to a unique crew member gets "a thought tube," if you will, that keeps them separate from each other and allows them to flow to their individual recipients on the ship—captain, crew members, etc. Each thought packet gets a 'brane boundary around it, which, per Pauli-Jung, is the psychological equivalent of wormholes in spacetime, aka an Einstein-Rosen bridge.

Again, the relativistic view of a dimension continues the causality of the previous dimension, but pushes it into the denominator mathematically, hence the equation for an Einstein-Rosen bridge is $r=2GM/c^2$ which pushes c^2 into the denominator.)

Now, it's important to note that the fifth dimension hasn't created the pirate captain or crew's bodies, or their thoughts that appear to arise from *within* their bodies, just their "conscious awareness" if you will—their raw existence as a being in spacetime. At this point, those individual bodies and thoughts are simply packets of human potential flowing towards a spatially discreet target; like a radio signal flowing towards a receiver tuned in to receive it. In Chinese medicine, this flow is called *chi* or *ki*. The fifth dimension creates the receiver, but they are simply individuated points of awareness with an overall set of attributes the boy is projecting on them (captain, crew, parrot, canon). The boy hasn't populated them with thoughts or physical bodies yet.

It's important to note here since each dimension scales and increases energy dramatically, that dimension's attributes apply within the energetic structure of the pirate's game field *more intensely*, even though that energetic intensity is still *inversely related* to the dimension's causality in the overall chain.

Our boy gets progressively energized by each mind split he does—causing him to focus on that level of his game more intensely (when he's feeding his parrot he's focused on that as opposed to the ship or the overall idea of playing a game). But, this energized focal point is still part of an overall sequential, dimensional chain of causality. So, dimensional energy remains in inverse relationship to dimensional causality, even though the

effects of higher dimensions are experienced energetically as more intense. This is how “soft” thoughts increasingly become “hard” objects.

THE SIXTH AND SEVENTH DIMENSIONS

But, the captain and crew need some individual thoughts arising from *within* their bodies, don't they? This happens in the sixth dimension, in which the “conscious receiver” in the fifth dimension gets its dimensional whole populated with content that seems unique to it. Hence, the captain and the crew get unique thoughts that appear to be different from each other and to arise from within their bodies. This creates a flow through the wormholes we created earlier—our thought tubes.

This is how the big pool of characters in the boy's overall pattern pool in the first dimension have individual thoughts that appear to originate *inside* their spatially separated selves. That is, how “group thoughts” move from Jung's collective unconscious to individuated thoughts inside our minds. In the first dimension, they're all just lumped together patterns in Bohm's holomovement; in the sixth dimension, the boy is animating the captain and his crew with individual thoughts, words and actions.

How did Jesus read people's minds? By dropping down to the collective unconscious level where all of our thoughts that appear individuated are all lumped together. No different than how the captain would “read the mind” of a crew member.

Now our wormhole thoughts tubes (the universes “veins”) have something flowing through them. When we need a flow, we add another (c), so in this sixth dimension, Einstein's energy equation becomes $E=m^2c^3$, which is a staggering amount of energy to think about (ultra high frequency) but it is also incredibly weak, because this dimension exists in a weak relationship to the fifth dimension. This is true, because to divide his crew into individuals, he must break the energetic bond that lumps their thoughts together as one. This breaking we call the *weak nuclear force* in physics, and it is responsible for atomic decay.

This is why your individual thoughts seem so ethereal and weak compared to all the objects around you, which seem so solid and strong. Aim all your focused mental power at a spoon and you can't bend it. A million people participate in a focused prayer experiment and a single cancer cell isn't healed. Since each dimension's energy ratio increases, the attributes of that dimension appear increasingly influential, and in dimension six minds are made to appear weaker than objects—an inversion of the truth. Your “individual brain” no more causes your thoughts than the pirate captain's “individual brain” causes the boy's thoughts (see Alexander's *Proof of Heaven*).

In dimension seven, another target is added for the boy's projection—and another (m) to Einstein's equation, bringing it to $E=m^3c^3$. This populates his ship with objects—the captain's and crew's bodies, the parrot's body, the canons, etc. The sixth dimension broke the bonds of the fifth dimension, and the seventh dimension reforms those bonds

into objects that appear solid and concrete via what is called the *strong force* in physics, This holds the nucleus of the atom together. Which is why sticks and stones.

This final dimension also is why energy feels so strong in the universe and God's love feels so weak. Similarly, the boy's higher dimensions make his game feel so intensely attractive, and his mother's love flowing through that whole room seem weak in comparison.

Our pirate has created an upside-down universe; inverting the true power of unconditional love. Which is why 16,000 children will starve to death today, and every day, on average.

FIBONACCI UNLOCKS THE SCALING DIMENSIONAL ENERGY PATTERN

Okay, Dan Brown symbolism fans, let's wrap up this Psychology of Physics 101 lesson with a little Fibonacci. The secret to how the universe of *Maya* *appears* to be alive, is that it scales its energy upwards through this dimensional structure via the "living" golden mean Fibonacci series added progressively on the exponents of Einstein's universal energy equation, which is really a universal energy ratio between symbolic wholes, parts and the relationship between them.

The Fibonacci series is, 0,1,1,2,3,5,8, etc. Each number contains the previous two in the sequence, just like our holographically derived projective model of the universe remains sequential, but each whole (ship) contains the part (parrot) and the relationship between them (the projected thread connecting them).

Take any number in the Fibonacci series and consider it a *whole*. Now go back two numbers and consider it as a *part* of that number. Then consider the number between them as the *relationship connecting them*. Whole, part and relationship between. Cause, effect and the relationship between them. E, m and c repeated over and over again. Whole source (E), part target (m) projection connecting them (c).

In our model we see this same three-part pattern repeat over and over again. A whole dimension has a boundary around it enclosing a part, with a projection connecting the two. Like the 'brane boundary around the sofa (whole) is connected to the captain (part) via the projection interface between them.

Everything in nature is the same thing—energy. So why do forces like gravity and electromagnetism appear mindless and dead and we appear mindful and alive?

Well, as we explored, to derive the different forces of nature from our model, we take the continuously causal string connecting each dimension and bend it hard as it enters each new dimension at the pinch point. A 90° twist creates a "hard edge" on that string and creates the dimensional boundary. It also creates the outer, 90°-angled boundary of the light cone (the v-shaped edge of the hourglass). The space inside this hard edge is known as Minkowski space.

To create "different" forces in our model, we simply twist that string in a new 90° angle to add a new force, which is why the electrical field manifests at a 90° angle to

the magnetic field, forming an electromagnetic wave, for example. This is also why our sequential derivatives manifest at 90° arcs on the angular momentum of light waves—known as the “angle field” in string theory.

In between those hard, angular edges—which create forces that *appear* mindless to us (like gravity not appearing to care if a plane is full of people when its engines go out)—we find the allowed degrees of freedom within each dimension—the parts of the universe that appear more sentient and life-like to us. Animals. Humans. Plants. Twerking at less than 90° angles. It’s all summarized in The Pirate’s Map Home at the end of this document.

Theologians, are your eyes glazed over yet? What’s the theological meaning of energetic wholes, parts and relationships between them in our model? It’s the false, symbolic derivative of the Father, Son and Holy Spirit, Who are the First Cause, First Effect and First Relationship. Lover, Loved and Loving, the Sufi mystic Rumi called this Holy Trinity. Nothing between them and no boundary around them, so they are truly Three in One, not symbolically 3 in 1.

The Holy Trinity creates life in unconditional love with everything fitting together in conflict-free peace. E, m and c make babies and bombs that don’t play well together. The name of the test site for the first atomic bomb? Trinity. ‘Nuf said. Let’s not dwell on what’s been, let’s focus on where we’re going—to a party! If you’re ready to wake up from your naked singularity and get dressed, we can all get out of here and go have some real fun.

WALKING ON WATER

So how did Jesus walk on water? I’ll give you the general idea here with more detail in the book—including how you can tune-up your mind to be miracle-ready. You can also see in the map on the last page how the mind is related to each dimension, and where its causal power lies—and where objects appear to be strong and your thoughts weak.

Imagine the boy’s father calling him to give up his game and come back to the party. If he *fully* answers that call—known as The Word of God in the Bible, aka the Holy Spirit—his split mind immediately reforms back into one mind via Hawkin’s instantaneous recontextualization.

Note in the story of Pentecost, the Holy Spirit is a universal translator. That’s exactly what it does in any relative universe like spacetime; it allows your mind to *translate* between the game world you have created and your real life in Heaven no matter where you are in that game.

When Jesus answered God’s call fully, the *way*—this dimensional structure we have outlined here—immediately became clear in his mind and he could overcome the whole shooting match at once. But he had to wholly self-identify with the way in his mind, just like to get back to his real life, the boy has to fully self-identify himself with

his life. Hence, Jesus said, “I *am* the way and the truth and the life.” And the Buddha said you must become the path before you can walk the path.

But, becoming fully aware of each level *experientially by getting close to it—becoming* the way and not just knowing the equations and patterns as abstract head-knowledge—Jesus could also *control* the experience of the influence of any dimension on him while he was living in our 4D universe. So, he could control gravity finely enough to walk on water and yet not go floating off into space.

He could also control the forces of nature on his body alone—or invite others to join him in that experience, serving as the “party host” of the nature-transcending event. Yet, when it’s over, the laws of nature remain in place until *every* crew member leaves the game—a pattern we identified in his miracles.

Similarly, once the pirate realizes his mind and his mind alone is creating the entire game field—even if he has imagined seven billion crew members on a ship named Earth—they instantly become one with him, and he can then walk across the rug ocean and go back to the party. The illusion of one appearing as many has been transcended.

And if he chooses to stay on the ship for a bit, he can cure the crew members of their illnesses, if that individuated mind is ready to join him at the level of the game where the two become as one—in Jung’s collective unconscious, aka dimension one. It only takes an instant, which is why Jesus’ miracles don’t unfold slowly in time—another pattern to add to your game field notebook.

* * *

So, that’s the short story of how my brother Jesus walked on water. You’ll get the full version when you buy the book, *The Miracle Expedition* (visit Pixidis.com for news and to join my pre-order list). In the book, I will also expand The Pirate’s Map Home on the following page to all ten dimensions theorized by string theory, and show you how the game comes full circle back to its starting point.

This story is *our* story. To validate this psychological model in your mind (the book will discuss how we’ll test our model experimentally), I encourage you to compare it to what cosmologists know about the origin and structure of our universe.

So, our story has some happy parts, some sad parts, some hard parts to hear and some fun parts to think about. It is my hope you accept it for what it really is—an invitation to come home to the greatest party ever.

In God’s love your friend forever,

t pyx, aka the s.o.b.

THE PIRATE'S MAP HOME

PIRATE GAME LEVEL	Game Field	Ship Pattern	Sofa Boundary	Ship Interior	Time	Captain's Existence	Captain's Thoughts	Captain's Body
DIMENSION	0	1	2	3	4	5	6	7
FIELD	Einstein	Higgs	Magnetic	Electric	Time	Gravity	Weak Nuclear	Strong Nuclear
ENERGY EQUATION	$E = 1$	$E = c$	$E = mc$	$E = mc^2$	Time	$E = m^2c^2$	$E = m^2c^3$	$E = m^3c^3$
GRAVITY EQUATION	$G = 1$	$G = \frac{1}{r}$	$G = \frac{m_1}{r}$	$G = \frac{m_1}{r^2}$	Time	$G = \frac{m_1 m_2}{r^2}$	$G = \frac{m_1 m_2}{r^3}$	$G = \frac{m_1 m_2 m_3}{r^3}$
FORCE EQUATION	$F = 1$	$F = c$	$F = mc$	$F = ma$	Time	$F = m^2c^2$	$F = m^2c^3$	$F = m^3c^3$
MENTAL CREATION	self/ego	Collective Unconsc.	Binds Individual Traits	Trait Packet Flows	Time	Individual Receives Traits	Individual Thoughts	Individual Objects
DUALISTIC PERCEPTION	Symbolic Equality	Above/Below	Attract/Repel	Charge (+/-)	Future/Past	Towards/Away From	Strong/Weak	Outside/Inside
CREATES	Naked Singularity	Projection (Scalar)	Spin	Space	Time	Sentient Human Existence	Human Thoughts	Human Body

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