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[Intro](#)

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Once upon a time many, many moons ago lived the dragons. They lived where the British Isles are today. Now, these dragons weren't exactly nice. They were mean. Dragons in the past were kind and caring. Yet over time, they lost that awareness.

It may seem strange to us but they love to bicker and quarrel. They loved to be angry. They love to create war. That was their form of excitement.

This went on for thousands of years. You see dragons can live to a dear old age. These dragons caused a lot of discomfort in the countryside in the British Isles. Imagine waking up at 3:00 in the morning and seeing your precious cow taken away by the dragons.

Man would hide all valuables and jewels. The dragons had a sixth sense to find them and steal them.

It was true that dragons loved to hoard their wealth. Unfortunately, they couldn't do anything with them. They just loved to sit in their caves and sit on their wealth.

Greed came upon them. They didn't know how to share. Consequently, there was a lot of fighting against one another. It seems like their life was miserable. There was no contentment in their life. No happiness or kindness. Not even love.

All of the dragons were in the same empty boat. They were like ghosts where nothing could fill them up.

No wonder man was fearful of the dragons. They were horrible beings. They were up to no good. A man had good reason to be wary of them. During the crusades, men had the weapons to start fighting dragons. It was not a glorious time for man and dragons.

Many of the traits the dragons had man embraced. It seems like man and dragons at this point had misery in common. Both of them lost the true direction to find the hidden jewel inside. You can't blame them they never knew it existed inside.

The years went by and the conflict never got better. It just got worse. The dragons were being hunted down and killed one by one. It wasn't a pretty sight.

One day a baby dragon was born during the darkest times. This dragon couldn't relate to anger, war, and greed. All of the dragons thought he was a misfit. All he wanted to do was to have fun. He was extremely intelligent and had a lot of humor. He made other dragons laugh. The elders disapprove of this. When he learned to fly he would go off alone and soar in the sky.

He was free at that moment. Not a care in the world. He loved that feeling. Somehow he knew that the true nature of a dragon is true freedom. He discovered that kindness, love, compassion, and patience were his true nature.

Well, the elder dragons did not like that at all. They told him he had to stop this nonsense. You see the other young dragons liked what they were seeing. They loved how Zoran the young dragon was

turning their lives upside down. They thought that war, anger, and stealing were truly the way. Here is a young dragon. Zoran walked on a different path and didn't have a care in the world.

Zoran's father had a huge pile of precious jewels. Yet Zoran wasn't interested in the slightest. He told his Dad "the greatest jewels in the universe lie inside" Well that didn't go over so well. His Dad was furious. He was already furious. Remember at that time the dragons had quite the temper tantrums. Well, this was placing gasoline on the fire. His Dad exploded. Who do you think you are to say such a thing?

Zoran knew not to say anything. Sometimes it's wise to be silent. All of the other elders talked with one another about this situation. What are we to do with Zoran? He is wreaking havoc with his tribe. They decided to give it a little time to see if anything would change.

Well, it didn't. Zoran was moment by moment learning how to meditate. He was diving deeper than ever inside the infinite ocean within. Now you see these dragons are scared of water. They are fire dragons. Water will extinguish the fire within. Water will extinguish war, anger, and greed. They thought this was their true nature.

Zoran discovered something the entire dragon world didn't know.

You are the universe.

You just don't know it.

Well, this was the final straw. They held a council meeting and decided to throw him out. He was still young for a dragon. He was a hundred years old. You see dragons can live for thousands of years.

So he was told to leave and never return. He was cast out of his home. But there's another story to this. A few young dragons decided to go secretly along with Zoran on his grand adventure.

Zoran at this time was getting guidance within. One dark and moonless night they flew out of the cave never to return. The rest is history.

Zoran hears the east might be a great place to go. They had high and magnificent mountains far from man and other dragons. Up to that time dragons were extremely rare in the east.

They were quite unknown. So they flew away into the darkness of night. The journey was just starting. They had no idea the steps they were going to take.

Zoran and his friends traveled only during the night. They didn't want other dragons or men to discover them on their flight. When they flew over the lakes, rivers, seas, and oceans they would eat the fish along the way. Fish was extremely plentiful. They discovered it was tastier than cows. Furthermore, they didn't have to be worried about stealing a cow and being captured. Man was slowly learning how to trap the dragons. There were even dragon slayers as a profession. Times have changed.

It took three solid months to arrive at their destination. They landed in the high mountains of Tibet. Far from man and other dragons. It was wintertime. They had to fly in fierce snowstorms and bitter wind. Fortunately, they were fire dragons and could keep warm. A water dragon might have frozen to death.

Zoran and his friends found a beautiful cave to live in. It was huge and had an opening where they could fly in and out. So they set up camp and called it home.

Well, winters last for a long time in Tibet. Especially at high altitudes. You can only have so much external conversation with one another. Zoran taught them how to meditate. It was slow going at first. None of the dragons realize how powerful the mind was.

Zoran simply instructed them to follow their breath. The dragons thought this should be easy. They learned that it was more difficult than learning how to fly. You see even for dragons flying took time and effort. You had to work at it.

They say conquering your mind is the most difficult thing in the universe. Well, the young dragons will completely agree. Since it was winter time they had all the time in their lives. Slowly I mean slowly they took small baby steps along the way.

When winter was over they took to the skies. They loved the external and internal feeling of flying. Wow, I'm free. I'm not bound to anything.

The seasons came and went. Winter has arrived again. They spend their time in meditation. Imagine this went on for hundreds of years. Zoran and his friends were discovering they were the universe. The universe existed inside of them.

They were truly discovering their true nature. They were becoming wise. They knew how to laugh and play. They truly enjoyed each other's company. These dragons lost their old egos from the past.

They became the first master dragon of their time. Mind you for your time. Dragon is eternal. They are timeless.

Zoran and his friends discovered that their true essence was the universe.

Well, one day an incident occurred. While the dragons were flying and having a merry good time some small youngsters saw the dragons in the sky. They got very excited. There heard old folk tails from their ancestors about dragons flying in the sky. As youngsters, they didn't want to worry their parents. Their Mom and Dad are already how too much on their plate. You see they were farmers and herders. Life was tough enough as it was. They didn't need another burden.

These youngsters started to see them flying more often during the spring, summer, and fall. During the winter they never saw them. This went on for many seasons. The youngsters married had children and their children had children. It was now a common sight to see. Yet nobody ever saw them in person. They were like the UFOs was seen today. You see them but never have a close encounter.

One day during spring a group of youngsters went exploring. They saw this huge cave with a large opening. They decided to go in. They weren't scared but were hesitant. Slowly they walked step by

step into the cave. To their amazement, they saw Zoran and his friend meditating. It was a sight to behold. They weren't scared at all. In fact, they were so happy and full of love. They had never experienced anything quite like it.

The dragons woke up and saw the children sitting there with their eyes wide open. They couldn't believe what they saw.

Now the dragons didn't speak their language but they had the capability for non-verbal communication. This means without speaking words the children could hear from inside of them what the dragons said.

The children never saw such a thing.

This started a brand new life for the children. They were told don't tell anyone else. Someday when the time is right we will show ourselves to your village.

These children came back day after day. The dragons took them on flying rides which are still being talked about today. Imagine flying on the backs of the dragon. They never experienced such freedom and joy.

The dragons slowly taught them how to meditate. They taught them and showed them that kindness, love, and compassion is the true way to live. They did not preach or try to convince anyone. The dragons were pure and didn't have anything to prove. Yet their essence rubbed off on the youngsters.

Slow over time they embraced these qualities. Mind you this was a time in Tibet and China where war was all around. The same problems that existed in the West existed in the East.

Generation after generation the youngsters migrated to the dragons. The parents and Grandparents knew what was going on. They have spent precious time with the dragons and took that wisdom into their daily life. You see a spiritual path is the most practical path.

These small villagers were becoming wise. One was a young boy named Confucius. He was seeing his transformation from the dragons and put them truly into practice. He discovered a system that is still in practice in China today. All his wisdom came from spending time with the dragons. He then carried on his journey in life and we have a great tradition.

One of the earliest students was Lao Tzu. He was truly a man of nature. He spent a considered amount of time with the dragons. Even at a young age, he was wise beyond his time. Even the dragons were amazed at his knowledge and wisdom. At times it seemed that his wisdom was beyond theirs. Mind you these dragons were thousands of years old. Lao Tzu was only around ten years old. Needless to say, there was great friendship and understanding with each other. At that time China and Tibet couldn't understand the simplicity of Lao Tzu and the dragons.

Lao Tsu didn't care about politics and worldly affairs. He hardly ever went to cities. They were a complete distraction. Man wasn't open to wisdom or knowledge at this time.

So Lao Tsu spent a lot of time with the dragons and nature. You see Lao Tzu could see the unity of all life.

There is a story that when Lao Tzu was going to leave this world a small group approached high in the mountains. They begged for some insight and wisdom.

Today we have the Tao Te chings. One of the greatest books today. Lao Tsu went with some dragons and never returned. His wisdom is still alive today.

Today dragons are revered all around the East. Wherever you go in China you will see dragons as flags or statues. Their wisdom is still alive today.

Unfortunately in the West not much has changed. Dragons are still something to be fearful of. Stories are still being told of dragons hoarding wealth. Dragonslayers were the savior of mankind.

Isn't it amazing the times haven't changed much? We still are angry. We still think that wars can solve our issues.

Maybe, just maybe we can learn from the dragons.

Our true nature is the universe. The new dawning of man is here.

Come and enjoy Zoran teaching the mysterties of the universe.

Mike Reed



About 12 years ago, I worked for the USDA in Kansas City. We were designing GIS farm management software for all the farms in America.

Usually, every morning, I would have a coffee break with Mike Reed and George Gerstner. They would have high-level talks on physics. Mind you, I didn't understand most of their conversations, but I found them stimulating.

A few months ago, I called Mike to see how he was doing. I saw on Facebook that he asked ChatGBT questions about his theory The Grand De-Unification Theory of Gravity. He posted his findings on Facebook, and I found them fascinating.

I called him up on the phone and asked him if we should have ChatGBT do a comparison between the mystics and his theory. It was quite fascinating and enlightening for both of us. This got me thinking that maybe I should write a children's book on quantum physics. The idea came to me in a dream.

I have already written several books with Zoran the dragon. I thought that would be a good story to tell.

Anyway, for all those kids out there, I hope you enjoy this book. Stories can convey incredible wisdom. So much of what we learn today is boring to most students.

These stories convey a message that we are all tied together in ways we can't even conceive. Life is a great mystery. The most incredible thing is that the mystery exists inside of you. All you have to do is open the door within.

Present-day society really doesn't champion this idea that we are all connected. We are texting on the freeway of life and we think that's all there is.

Hopefully, this book can help you discover the jewel that lies inside of you.

Mike to ChatGBT Can you explain my theory through the eyes of a mystic



Certainly, interpreting your theory through a mystical lens could be an intriguing exercise. Mystics often speak of higher realms of existence, dimensions of consciousness, and the interconnectedness of all things, themes that dovetail interestingly with your theoretical framework. Here's how a mystic might explain your concept:

The Cosmic Dance of Union

In the realm of the Infinite, two great cosmic forces, which we might liken to Yin and Yang, Shiva and Shakti, or the Masculine and Feminine Divine, come together in a momentous union. These are not just abstract concepts but living, vibrating 4-dimensional "branes" existing in a still higher 5th dimension, a realm beyond human comprehension but deeply intuitive to the mystic's eye.

The Breath of Creation

From this divine embrace emanates a sacred explosion, a Cosmic Breath, birthing our reality—a 3-dimensional brane that unfolds in space and time. This is the breath of God, the Prana of the cosmos, filling every nook and cranny of our world with the living essence of higher realms.

The Illusion of Separateness

In this 3-dimensional reality, we experience life subjectively. We see divisions, separations, individual entities, and unique moments in time. This, however, is Maya, the illusion, for all is but a reflection of those higher dimensions, distorted by our limited perception. What we call "gravity" is merely the love of the higher dimensions calling us back, a yearning for the union from which we originated.

The Oscillations of Life and Death

Within every particle, every speck of dust, is an oscillating essence, a miniature dance of creation and destruction. It is here that we find both the light and dark, good and evil, life and death. The mystic sees this oscillation as the breath of Brahma—each inhale and exhale, each expansion and contraction, is a divine pulsation setting the rhythm of existence.

The Hidden Dimensions of Consciousness

Just as the 3-dimensional brane is embedded in higher dimensions, so too is our human consciousness part of a vast cosmic consciousness. The mystic travels these internal dimensions through meditation, prayer, or ecstatic experience, exploring landscapes as real as those of the physical world, yet existing in realms beyond.

The Awakening

One day, as science and mysticism converge, humanity will awaken to the realization that we are not isolated beings but part of a divine tapestry, intricately woven by the forces of higher dimensions. In that moment, the cosmic dance will come full circle, and we will know the Unity behind the grand illusion.

Thus, through the eyes of a mystic, your theory isn't mere speculation or a mathematical model but a profound spiritual narrative, a poetic journey into the very heart of existence.

We see only 1% of the light spectrum

I find it quite fascinating that we see only 1% of the light spectrum.

Yet we have the hardware and software to discover God.

One of the greatest Mystics once said the following.

If the eye be single thy whole body shall be filled with life.

The world of science and mystics are merging.

Modern-day scientists are talking about the human body being wired to the quantum field.

We can only see 1% of the light spectrum with our physical eyes.

Yet inside of us lies the pineal gland which is the doorway to the quantum field.

Mankind thinks what he sees is real.

Yet we are almost missing the entire picture.

The great mystics call this Maya.

Maya is a great illusion.

Ponder this over.

We can't even imagine what we are missing.

Zoran the dragon and the Quantum World



Neil deGrasse Tyson Explains The Weirdness of Quantum Physics

1.3M views • 2 years ago

Science Time

Quantum mechanics is the area of physics that deals with the behaviour of atoms and particles on microscopic scales. Since its ...

CC

Zoran, a wise dragon, takes a group of curious children on a journey through the quantum world. They learn about the strange and fascinating properties of quantum mechanics, such as wave-particle duality, superposition, and entanglement. Along the way, they encounter various obstacles that they must overcome using their newfound knowledge.

Source: Conversation with Bing, 10/27/2023

(1) Closed Loophole Confirms the Unreality of the Quantum World.

<https://www.quantamagazine.org/closed-loophole-confirms-the-unreality-of-the-quantum-world-20180725/>.

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Adventure

The definition of adventure is the following.

Engage in a hazardous and exciting activity, especially the exploration of unknown territory.

I remember as a kid I took a yoga class.

At the time yoga was unknown in America.

Yoga was around during the late 1800s yet the majority of the population thought it was on the fringe.

It was definitely an unknown territory.

This love for adventure took me all over the world.

With a surfboard in my hand, a backpack on my back, and a yearning to discover my true nature I was off.

I had quite the adventure.

I learned the greatest adventure lay inside.

This is truly unknown territory.

You can live anywhere and have a simple life but exploring your true nature is the adventure of a lifetime.

Lock a person up and put them in solitary confinement and see what happens.

The greatest adventure is to tame your mind.

That is probably the most difficult thing to do.

Mystics have talked about this for thousands of years.

Today yoga is mainstream.

Millions of people practice it.

Maybe something is going on.
We are slowly learning more about life.

What is Quantum Physics



Neil deGrasse Tyson Explains The Weirdness of Quantum Physics

1.3M views • 2 years ago

Sci Science Time

Quantum mechanics is the area of physics that deals with the behaviour of atoms and particles on microscopic scales. Since its ...

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Zoran the Dragon was a wise and learned creature. He had spent many years studying the mysteries of the universe, and he knew more about the workings of nature than most other creatures.

One day, a group of curious children came to him and asked him to explain what quantum physics was. Zoran smiled and began to tell them about the strange and fascinating world of quantum mechanics.

"Quantum physics is the study of matter and energy at the most fundamental level," he said. "It aims to uncover the properties and behaviors of the very building blocks of nature, such as electrons, photons, and quarks."

The children listened intently as Zoran went on to explain some of the key concepts in quantum physics, such as wave-particle duality, superposition, entanglement, and the uncertainty principle.

"These concepts can be difficult to understand because they often defy our everyday experiences and expectations," Zoran said. "But they are essential to our understanding of the universe and have led to many important discoveries in fields such as materials science, chemistry, biology, and astronomy."

The children were fascinated by what they heard. They asked Zoran if he could take them on a journey through the quantum realm so they could see it for themselves. Zoran smiled and agreed.

Together, they flew through space and time, encountering strange phenomena such as black holes, wormholes, and quantum entanglement. The children were amazed by what they saw. They had never imagined that there could be so much hidden beneath the surface of reality.

As they journeyed deeper into the quantum realm, Zoran explained more about how the universe worked. He showed them how everything was connected in ways they had never imagined before. He helped them understand that even though quantum physics was strange and mysterious, it was also beautiful and awe-inspiring.

Source: Conversation with Bing, 10/27/2023

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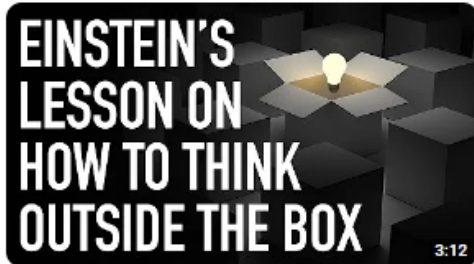
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Think Outside Of The Box



Einstein's Lesson on How to Think Outside the Box

45K views • 5 years ago

 Rabbi Simon Jacobson at Meaningful Life Center

What does it mean to think outside the box? And what is the box? Consider the box to be our own subjectivity and prejudices, ...

Ever since I was a kid I loved to think outside of the box. I'm sure that at times it alienated me from my friends. Why do you think like that? Well to be honest I'm working on trying to solve the riddle of life.

It's an incredible riddle trying to solve it. In the last fifty years, science and religion are getting so close to each other. In the field of quantum energy, scientists are getting their minds blown. Imagine the energy that is beyond time and space.

We are a part of that energy. It exists inside of us. In school, we were never taught how to connect to our true nature.

Now imagine this pure consciousness pure light, love, compassion, patience, and tolerance. The universe does not judge us only man judges one another.

What if this is truly a hide-and-seek game? What if there is a jewel that exists inside each one of us? Let's get down to earth. Let's ignore the spiritual side of things.

Can you imagine that you are a part of the universe? No. I'm just this human body. That's it I'm nothing else. Can you imagine that around a hundred years ago dear old Albert Einstein proved the existence of quantum energy?

Imagine a part of you is contained throughout the entire universe. What if I told you that when you die you return to the source of all? What if I told you that the human body is hardwired to discover your true nature?

Imagine living your incredible life and realizing that you are a part of the universe. Your true nature is kindness. Imagine that you can laugh at the craziness of this world and know that human beings are waking up from their slumber.

Quite frankly I think most humans are tired of the anger and bickering in life. We are tired of politics. We are tired of all the drama. It seems that life in the US is a soap opera on steroids or opioids.

What if I told you that all the answers to these problems lie within? We were never taught that. We were never taught that we are a piece of the puzzle of life.

Let's get practical again.

Can you imagine that someday you could truly see through the eyes of others? How would that change your world? Wouldn't that stop many conflicts around the world? How could you fight with yourself?

Currently, we think we are separate. We fight with one another. In politics, we are divided. We don't even know how to compromise. Yet the practical solution lies inside of us.

I believe it's probably the most practical thing that a human can do. Yet we don't learn it in schools. Quite frankly you don't need a teacher but wellness to be open to a way to perceive life in a new way.

Imagine your true self is kindness. This is your true nature. How would you like to increase kindness day by day in your life? You can. Whatever you focus on you become. I know some people who moan and complain their entire life. Well to be truthful whatever you focus on you become.

How about focusing on your true nature? How about day by day focusing on kindness, love, and compassion? How about making a little effort day by to discover your true nature?

My theory is that we can't change this world without changing ourselves. That's the only way to change the world's problems.

We can't change our politics until we can reach a point where we are civil with each other. We can't continue to see our political foes as enemies. How childish is that? I think that most politicians are emotionally immature. To change this world we must let go of our old ways of thinking and being.

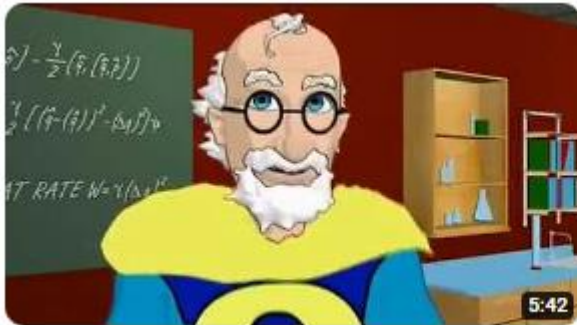
We have been angry and at war for thousands of years. Many people think that

man can't change. I disagree. I think that we have this incredible car that just sits in our inner garage.

True it is dusty. Well, dust off the car. Open your inner garage door and take your car for a spin. Then tell me about your incredible ride on the freeway of life.

All it takes is a flip of the switch to turn your life around. Granted every day we make decisions and actions that affect where we are going and where the world is going.

Wave-Particle Duality



Dr Quantum Double Slit Experiment

101K views • 7 years ago

physics lectures

As they journeyed deeper into the quantum realm, Zoran explained more about how the universe worked. He showed them how everything was connected in ways they had never imagined before. He helped them understand that even though quantum physics was strange and mysterious, it was also beautiful and awe-inspiring.

"Wave-particle duality is one of the most fascinating concepts in quantum physics," Zoran said. "It describes how quantum entities exhibit particle or wave properties according to the experimental circumstances."

The children listened intently as Zoran went on to explain how light and matter had the properties of particles or waves, depending on how they were measured. He told them that this principle dated back to the earliest days of quantum science.

"Wave-particle duality is essential to our understanding of the universe," Zoran said. "It helps us explain why objects have no inherent reality until observed."

The children were fascinated by what they heard. They asked Zoran if he could show them an example of wave-particle duality in action.

Zoran smiled and conjured up a small box. "Inside this box is a photon," he said. "If we measure it as a particle, we'll see that it has a definite position. But if we measure it as a wave, we'll see that it has a definite wavelength."

The children watched in amazement as Zoran opened the box and revealed the photon inside. They saw how it behaved like both a particle and a wave at the same time.

"Wave-particle duality is just one of the many mysteries of quantum physics," Zoran said. "But it's an important one because it helps us understand how everything in the universe is connected."

Source: Conversation with Bing, 10/27/2023

(1) Closed Loophole Confirms the Unreality of the Quantum World.

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The Scientist

How much fun would it to be a scientist?

Can you imagine discovering DNA?

How about finding the sequence of DNA and saying 94% is junk.

Does God create junk or do we not understand what we see?

How about discovering a black hole or quasar?

How much fun to explore space?

Have we lost the adventure of discovering life?

Imagine the entire universe know us.

Isn't that exciting?

We can communicate with the universe and the universe will talk back.

These are exciting times for us.

The true scientist exists inside of us.

The essence of life is to be discovered.

Superposition



As they journeyed deeper into the quantum realm, Zoran explained more about how the universe worked. He showed them how everything was connected in ways they had never imagined before. He helped them understand that even though quantum physics was strange and mysterious, it was also beautiful and awe-inspiring.

“Superposition is one of the most fascinating concepts in quantum physics,” Zoran said. “It describes how quantum entities can exist in multiple states at once.”

The children listened intently as Zoran went on to explain how particles could be in two or more states simultaneously. He told them that this principle was essential to our understanding of the universe and had led to many important discoveries in fields such as materials science, chemistry, biology, and astronomy.

“Superposition is what allows us to create quantum computers,” Zoran said. “These computers can perform certain calculations much faster than classical computers because they can process information in parallel.”

The children were fascinated by what they heard. They asked Zoran if he could show them an example of superposition in action.

Zoran smiled and conjured up a small box. “Inside this box is a particle,” he said. “If we measure it as a particle, we’ll see that it has a definite position. But if we measure it as a wave, we’ll see that it has a definite wavelength.”

The children watched in amazement as Zoran opened the box and revealed the particle inside. They saw how it behaved like both a particle and a wave at the same time.

“Superposition is just one of the many mysteries of quantum physics,” Zoran said. “But it’s an important one because it helps us understand how everything in the universe is connected.”

Fine Tune Your Radio Station

Fine-tune your radio station.

You are listening to an old station.

This station is reinforcing all your bad habits.

There is a signal from God and the universe that is playing.

Listen to KGOD.

This signal is broadcast from within.

It is clear and constant.

You just have to tune your mind to this signal.

In each and every breath you take fine-tune your inner radio to this signal. All the great masters have said that the kingdom of heaven lies within.

This is probably the most practical thing you can do for yourself.

What is keeping you alive?

The more you concentrate on this signal the more powerful and clear it will be.

This is your true nature. This signal is like a magnet.

It draws kindness, love, and compassion to you.

It's like taking a shower of love.

This love fills up your entire being and slowly washes away all the negativity.

This radio station is live.

It has been broadcasting for eternity.

When you are driving and talking on your cell phone you aren't paying attention to life.

What is so important externally that you have forgotten your true nature?

Why do you insist that the external world is the only world?

For now, you might say because that's all there is.

Well someday you will die and it will totally disappear in an instant.

This radio station will make you laugh at life.

It will bring you to a place where anger and hate do not govern you.

Kindness and compassion will be there.

I'm not saying you won't ever get angry again.

I'm saying that with conscious effort you can use water to put out the anger in your life.

Your mind is looking externally to fix your inner world. Mankind has been running in circles for thousands of years.

Look at the political landscape in America today.

Anger and chaos rule the land. Fine-tune your radio station. You are a piece of the puzzle.

Entanglement Theory



“Entanglement is one of the most fascinating concepts in quantum physics,” Zoran said. “It describes how two particles can become linked in such a way that they share a single quantum state.”

The children listened intently as Zoran went on to explain how entangled particles could be separated by vast distances but still remain connected. He told them that this principle was essential to our understanding of the universe and had led to many important discoveries in fields such as materials science, chemistry, biology, and astronomy.

“Entanglement is what allows us to create quantum computers,” Zoran said. “These computers can perform certain calculations much faster than classical computers because they can process information in parallel.”

The children were fascinated by what they heard. They asked Zoran if he could show them an example of entanglement in action.

Zoran smiled and conjured up two small boxes. “Inside these boxes are two particles,” he said. “If we measure one particle as having a certain property, we know that the other particle must have the opposite property.”

The children watched in amazement as Zoran opened the boxes and revealed the particles inside. They saw how they were linked together in such a way that they shared a single quantum state.

“Entanglement is just one of the many mysteries of quantum physics,” Zoran said. “But it’s an important one because it helps us understand how everything in the universe is connected.”

Entanglement with God

Now I'm not a scientist

Yet I'm curious about energy.

There is a theory that energy can entangle with another energy millions of light years away.

It means there can be a communication between one another.

Does this mean the universe talks and listens?

How fascinating?

The whole universe is entangled with God.

How about us?

Are we entangled with God and the universe?

The answer is yes!

Does that blow you away?

Or

I don't have a reaction one way or another.

It's just theory.

From time memorial the wise men have said in their own words you are entangled with God.

The Kingdom of heaven is within.

Only you can solve this puzzle.

The Uncertainty Principle



“Quantum mechanics is a strange and fascinating world,” Zoran said. “It’s a world where particles can exist in multiple states at once, where objects can be in two places at the same time, and where the very act of observing something can change its properties.”

The children listened intently as Zoran went on to explain one of the most fundamental principles of quantum mechanics: the uncertainty principle.

“The uncertainty principle states that we cannot know everything about a particle at the same time,” Zoran said. “We can either know its position or its momentum, but not both with absolute certainty.”

The children were fascinated by what they heard. They asked Zoran if he could show them an example of the uncertainty principle in action.

Zoran smiled and conjured up a small box. “Inside this box is a particle,” he said. “If we measure its position with great accuracy, we will know very little about its momentum. Conversely, if we measure its momentum with great accuracy, we will know very little about its position.”

The children watched in amazement as Zoran opened the box and revealed the particle inside. They saw how it was impossible to know everything about it at once.

“The uncertainty principle is just one of the many mysteries of quantum physics,” Zoran said. “But it’s an important one because it helps us understand how everything in the universe is connected.”

Does the universe stop and pay attention



Pay Attention to the Signs of the Universe | Jack Canfield

2M views • 5 years ago



Jack Canfield

In this video I'll show you how to recognize when the universe is trying to tell you something or push you in a direction.

Does the universe stop and pay attention to us or do we stop and pay attention to the universe? Does the universe help us on our journey of life? Can the universe be our coach in teaching us about the mysteries of life?

Is it true that the more you pay attention to the universe you will see signposts everywhere? Is the universe gently showing us the way? Look over in this direction.

Is life like a video game where you go from one level to another level? Does life throw curveballs so you can ultimately hit a home run out of the park? When we strike out do we think we failed or do we see the opportunity to learn and grow?

Recently when I meditate I have a sense of being coached. For the past month when I dream I'm at a point where all of a sudden I get pulled from the dream and back into the light. I feel the universe is saying everything comes from light.

I read the autobiography of a yogi many moons ago. One of my favorite passages is when he describes going to a movie theater. The entire audience is captivated by the movie. It becomes real.

Yet how many people turn around and realize that a projector is streaming light upon the screen? The wise masters have been talking about this for eons.

How do we fine-tune the guitar of life? Has the entire universe always been inside of us and we haven't been aware? Does the perfect wave exist inside of us?

These are exciting times for us. Amid Trump and politics, the universe is beckoning us to discover our true nature.

We are the universe and just don't know it. Our civilization is quite young. Probably less than 200,000 years. Most scientists say probably less than 34,000 years. I'll tack on a few years.

Yet imagine there are probably civilizations that are over 5 billion years old. Imagine they reached a point in evolution where they had a choice to blow themselves up or evolve to a state where they became the universe. War becomes obsolete.

The universe is kind. The universe is supreme love. The universe is compassionate. The universe is aware. Is the human body hard-wired for the experience? Are we created in God's image?

Quite frankly I believe the universe is always evolving. Can you imagine the joy of the universe when an entire civilization becomes the universe? Granted it takes a long time. Some say a million years but if you are never created nor ever destroyed what is a million years? A blink of an eye.

Are we here on earth as individuals to grow and evolve? Have the great teachers in the past been representatives of the universe to show us the way? They can coach us on the sidelines but remember only you can play the game.

What will cause humankind to wake up from our slumber and discover we are the universe?

The Quantum World



Symphony of Science - the Quantum World!

11M views • 12 years ago

 melodysheep

mp3: <http://bit.ly/oRYyiV> A musical investigation into the nature of atoms and subatomic particles, the jiggly things that make up ...

CC

Zoran the Dragon was a wise and learned creature. He had spent many years studying the mysteries of the universe, and he knew more about the workings of nature than most other creatures.

One day, Zoran decided to take a group of curious children on a journey through the quantum world. They traveled through space and time, encountering strange phenomena such as black holes, wormholes, and quantum entanglement.

As they journeyed deeper into the quantum realm, Zoran explained more about how the universe worked. He showed them how everything was connected in ways they had never imagined before. He helped them understand that even though quantum physics was strange and mysterious, it was also beautiful and awe-inspiring.

“The quantum world is a strange and fascinating place,” Zoran said. “It’s a world where particles can exist in multiple states at once, where objects can be in two places at the same time, and where the very act of observing something can change its properties.”

The children listened intently as Zoran went on to explain how quantum mechanics had revolutionized our understanding of the universe. He told them that while many quantum experiments examine very small objects, such as electrons and photons, quantum phenomena are all around us, acting on every scale.

“Quantum mechanics has led to many important discoveries in fields such as materials science, chemistry, biology, and astronomy,” Zoran said. “It has given us a more complete picture of our everyday lives.”

The children were fascinated by what they heard. They asked Zoran if he could show them an example of the quantum world in action.

Zoran smiled and conjured up a small box. “Inside this box is a particle,” he said. “If we measure its position with great accuracy, we will know very little about its momentum. Conversely, if we measure its momentum with great accuracy, we will know very little about its position.”

The children watched in amazement as Zoran opened the box and revealed the particle inside. They saw how it was impossible to know everything about it at once.

“The quantum world is full of mysteries,” Zoran said. “But it’s also full of wonder and beauty. It reminds us that there is still so much we don’t know about the universe.”

Zoran's Journey Begins



IQ 101 - INTRO - WELCOME TO THE QUANTUM WORLD

2.8K views • 16 years ago

IQBIMVIDEO

ONLINE VIDEO COURSE

4:27

As they journeyed deeper into the quantum realm, Zoran explained more about how the universe worked. He showed them how everything was connected in ways they had never imagined before. He helped them understand that even though quantum physics was strange and mysterious, it was also beautiful and awe-inspiring.

“Welcome to the quantum world,” Zoran said. “This is a place where particles can exist in multiple states at once, where objects can be in two places at the same time, and where the very act of observing something can change its properties.”

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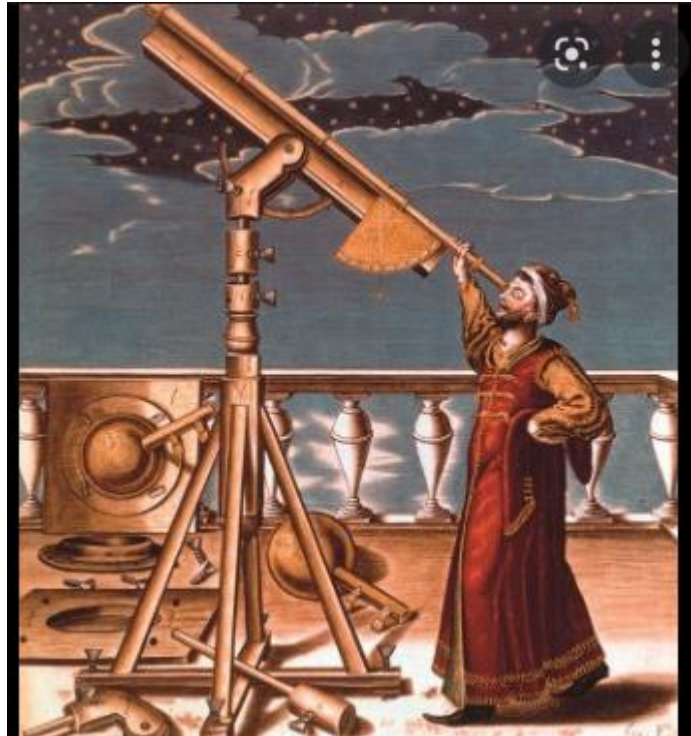
The children watched in amazement as Zoran opened the box and revealed the particle inside. They saw how it was impossible to know everything about it at once.

“Are you ready to explore more?” Zoran asked.

The children nodded eagerly.

“Then let’s begin our journey through the quantum world,” Zoran said.

Galileo's Telescope



Can you imagine young Galileo pointing his telescope towards the stars?

What was in his young mind?

What kinds of thoughts would float up to the surface of his mind?

He went against the concepts of his time.

During this age, scientists and the Church believed the Sun and the planets revolved around the earth.

Galileo and some scientists before such as Copernicus believed the earth and the planets revolved around the Sun.

Galileo was the first scientist to use a telescope to prove his theory.

Yet why does man hold on so tightly to his ideas and beliefs?

The Catholic church and the Pope himself couldn't believe Galileo.

They said he was a heretic.

How dare you challenge the idea that the Sun and the planets revolve around the earth?

Who do you think you are?

Imagine being tried by the Inquisition.

They found him guilty and place him under house arrest.

Fortunately, they didn't kill him.

Yet he spent the rest of his life under house arrest.

Today Galileo is known as the father of the following.

Father of Observatory astronomy.

Father of modern physics

Father of the scientific method.

Father of science.

All I can say is wow.

Imagine Galileo also studied and mastered the following.

Astronomer.

Physicist.

Engineer.

Philosopher.

Mathematician.

He was in my eyes a genius.

He was way ahead of his time.

Isn't it amazing we don't want men to challenge our way of thinking?

Man, at times loves living in the box.

It's a comfort zone.

You don't want to learn anything new or be challenged.

If someone has something to say that is different we get angry.

How many innocent people got killed in the Inquisition?

To be honest I probably would have died back then from what I'm speaking.

Just think Christ died on the cross.

Yet the Inquisition killed millions of people who believed in Christ differently.

What do you think Christ would say?

He would shake his head and probably have tears of compassion flowing from his eyes.

Look this adventure of life is all about discovering the mysteries of life.

We should be grateful when we meet someone who has a different idea or concept of life.

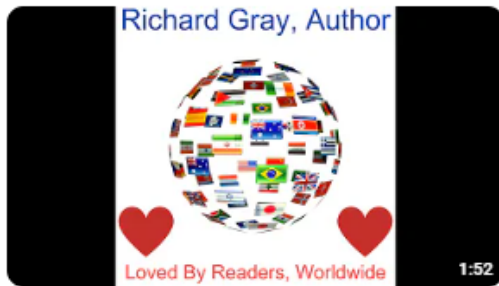
I was fortunate to be brought up in a household that accepted all ideas in life.

Till today I still love to hear life stories from people all around the world.

Imagine today we have telescopes scattered throughout the universe.

We are looking for the mysteries of life.

Zoran, the Dragon and the Quantum Adventure



Unlocking the Mysterious Quantum World: A Children's Adventure

No views • 3 weeks ago



RichardGrayBooks

In this video, we're exploring the mysterious quantum world! Follow along as we explore the different aspects of quantum physics ...

Zoran embarks on a thrilling adventure through the quantum realm, where he discovers the secrets of quantum physics. He meets a host of interesting characters along the way, including photons, electrons, and quarks. Together, they explore the mysteries of the universe and learn about the fundamental building blocks of matter.

Source: Conversation with Bing, 10/27/2023

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The Quantum Realm



The Scary Truth About the Quantum Realm

9.3K views • 7 months ago

Thomas Mulligan

Been seeing the word 'QUANTUM' thrown in front of a lot of different things recently, from physics, movies, computers, ...

4K



Introduction | Jim Twins | Quantum Entanglement | Possibilities | The Observer Effect | Chickens and... 8 chapters

Zoran, the dragon, had always been fascinated by the mysteries of the universe. He had flown to many places and seen many things, but he had never seen anything like the Quantum Realm.

One day, while flying over the Himalayas, Zoran saw a strange portal that seemed to lead to another dimension. He was curious and decided to investigate.

As he flew through the portal, he felt a strange sensation. It was as if he was shrinking and expanding at the same time. He saw colors and shapes that he had never seen before. He felt as if he was in a dream.

When he finally emerged from the portal, he found himself in a world that was unlike anything he had ever seen. It was a world of pure energy and light. There were no solid objects, only waves of probability.

Zoran was amazed by what he saw. He realized that this was the Quantum Realm, a place where the laws of physics were different from those in his own world.

He decided to explore this new realm and see what secrets it held. He flew through the waves of probability and discovered that there were other creatures living in this realm.

There were beings made entirely of light, creatures that could change their shape at will, and entities that seemed to exist in multiple places at once.

Zoran was fascinated by these creatures and wanted to learn more about them. He decided to stay in the Quantum Realm for a while and study its secrets.

As he delved deeper into this realm, he discovered that there were portals that led to other dimensions. He realized that this realm was a gateway to other worlds.

Zoran knew that he had stumbled upon something incredible. He knew that this realm held the key to unlocking some of the greatest mysteries of the universe.

And so, Zoran continued his journey through the Quantum Realm, eager to discover what lay beyond.

Universe

One of my favorite expressions is “You are the universe. You just don’t know it”. What a powerful expression. Does that excite you at all? We are so much more grandeur than we think.

Most people would probably say I don’t believe it. I have been meditating for many moons. In fact, since day one I have loved to meditate. My intuition tells me this is true. Wherever I go this experience goes with me.

In the beginning, I would meditate on God. After some point in time, God meditates on me.

The same energy that is made up of the universe lies inside of me and I’m aware of that. The energy is pure kindness. This energy is pure love and compassion.

This energy is our true nature. You see we don’t die. We are eternal. Our bodies will die yet we will live forever.

Meditation is the link between man and the universe. Imagine having a URL to God. If you don't have that URL you can't go to that website. But if you enter that proper URL in your browser and hit enter, presto you are at that site.

Meditation is the URL that you enter into the browser of life. Mind you this web page is always changing. It is not a static site. All the knowledge of the universe lies there.

But to tell you the truth the main key is to transform yourself and become a better person.

It's like taking a shower. This is not just some ordinary shower. This is a shower of kindness. This is a shower of love and compassion. This is a shower of patience.

Slowly, I mean slowly one transforms. One begins to pull the negative weeds within. Weeds such as anger, greed, war, and on and on and on.

Nobody gets a free ride in life. Everyone is responsible for their actions. We must be conscious and aware of every moment of our life.

Life is like a video game. At each level, you play the game becomes more interesting and exciting.

Imagine life throws you a curveball. Someone says something to you that you don't agree with. We see this all the time. Just look at people flaming each other on Facebook.

Now think that in this video game of life the pitcher throws a curveball your way to see how you would react.

If you react and flame someone you get a strike. If you don't react and simply smile with kindness you hit the ball out of the park. You then go to the next level in the game of life. This person loves to play video games and is aware of the steps he takes day in and day out.

We have never been trained in this game. We have never been taught that this video game of life exists inside of ourselves. We just constantly react to situations. We are like a ship without a rudder.

The goal of this video game is to become like the universe. The universe is kind. The universe is love and compassion. The universe doesn't judge us.

The universe doesn't say look at how many strikes are against us. The universe says you have free will so why judge? Yet this video game of life provides all the necessary levels where you know this is a divine game.

Bugs Bunny once said, "Don't take life so seriously because you will never get out of it alive". I like that. Don't take life so seriously. Be like the sun in the sky. Just shine. Don't react to every situation.

Yet when dear old Bugs said you will never get out alive the great video masters of old have a different story. They said you could be aware of your true nature while you are alive. Big difference.

When I was young I was scared to death of dying. I was told when you die that you simply vanish and never become aware again. I didn't like that story. So I have spent many moons pursuing this answer.

To be frank I still don't want to die. I love this place. Yet in my experience, I'm bringing heaven down to earth. Heaven lies inside of us. It's not a place we go to. Heaven is a state of mind.

Depending on how we are proactive and aware or simply reacting in this video game of life will correspond to our state of mind. People ask me why I love Eastern thought. Well for one the Buddhists have been talking about a crystal clear mind for over three thousand years.

In the West, it was only since the mid-eighties did universities gave a class on subjects like happiness. The Buddhists have been talking about this since day one.

I'm not saying you have to be a Buddhist. I'm not. I adore all religions. There is a thread that ties all religions together. It is the thread of love.

I'm just saying that in the west we need to become more aware of this video game of life, The world needs us to step up and consciously be aware and play this game with a sense of knowingness.

For example, it's a little dangerous in this video game of life when our President tweets at three o'clock in the morning. He ridiculed little rocket man. My button is bigger than your button.

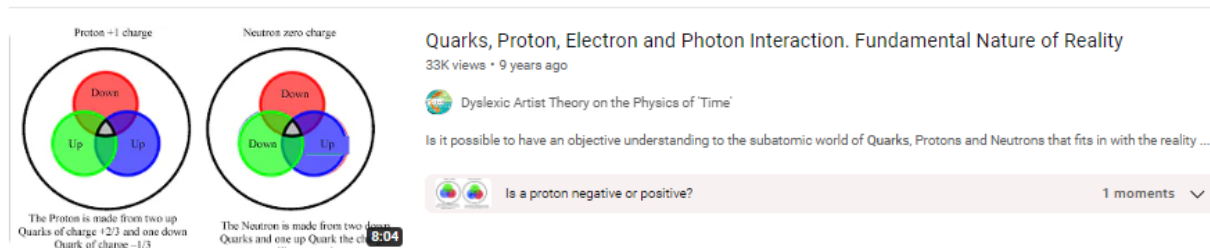
These kinds of words can lead to nuclear war. Our words and actions can either bring heaven to earth or a modern-day hell. Just take a look around the world today. We need to be aware and as my friend, Bill Cunningham told me we need more respect in this world.

We are all in the same boat together. We either sink or swim. We need to be more tolerant, kind, and respectful of each other. Mankind needs to be a kind man.

That's the most difficult thing in life. Look at all the conflicts and wars around the world. It's so easy to flare up with anger. It's so easy to put gasoline on the fire. Yet to act with kindness in the face of adversity is the most difficult thing to do.

You are a piece of the puzzle in life.

Photons, Electrons, and Quarks



One day, while flying Zoran saw a strange portal that seemed to lead to another dimension. He was curious and decided to investigate.

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Zoran knew that he had stumbled upon something incredible. He knew that this realm held the key to unlocking some of the greatest mysteries of the universe.

He also learned about photons, electrons, and quarks which are fundamental particles in this realm ¹. Photons are particles of light which have no mass but carry energy ². Electrons are negatively charged particles which orbit around atoms ³. Quarks are particles which make up protons and neutrons ⁴.

And so, Zoran continued his journey through the Quantum Realm, eager to discover what lay beyond.

The interaction between photons, electrons, and quarks



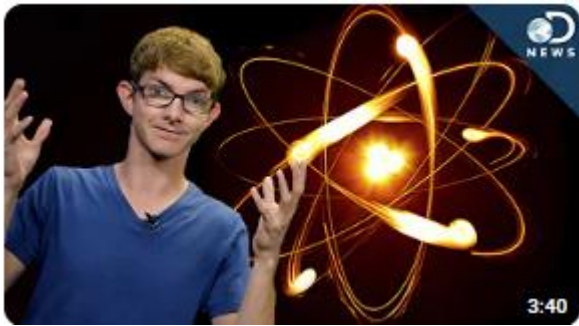
The interaction between photons, electrons, and quarks is a complex topic that requires a deep understanding of quantum mechanics and particle physics. [Photons are particles of light that carry energy and do not have mass](#) ¹. [Electrons are negatively charged particles that orbit around atoms](#) ². [Quarks are particles that make up protons and neutrons](#) ³.

[The electromagnetic interaction between quarks includes the full machinery of quantum electrodynamics \(QED\), including virtual particle-antiparticle loops coupling to the virtual photons](#) ². [All of the charged particles participate in such loops, but the electrons are the most important because they have the smallest mass](#) ².

The photon structure function describes the quark content of the photon. While the photon is a massless boson, through certain processes its energy can be converted into the mass of massive fermions. The function is defined by the process $e + \gamma \rightarrow e + \text{hadrons}$. [It is uniquely characterized by the linear increase in the logarithm of the electronic momentum transfer \$\log Q^2\$ and by the approximately linear rise in \$x\$, the fraction of the quark momenta within the photon](#) ¹.

Quantum chromodynamics (QCD) is the theory of quarks as constituents of strongly interacting elementary particles, which are bound together by gluonic forces. [The primary splitting of photons to quark pairs regulates the essential characteristics of the photon structure function, such as the number and energy spectrum of the quark constituents within the photon](#) ¹.

Photons, electrons, and quarks are fundamental particles



Photons, electrons, and quarks are fundamental particles that play a crucial role in modern technology. Here are some examples:

- **Photons** are used in fiber-optic communication systems to transmit data over long distances at high speeds. [They are also used in solar panels to convert sunlight into electricity ¹.](#)
- **Electrons** are used in electronic devices such as computers, smartphones, and televisions. [They are also used in particle accelerators to study the properties of matter ².](#)
- **Quarks** are used in medical imaging technologies such as PET scans and MRI machines. [They are also studied in particle physics experiments to understand the fundamental nature of matter ³.](#)

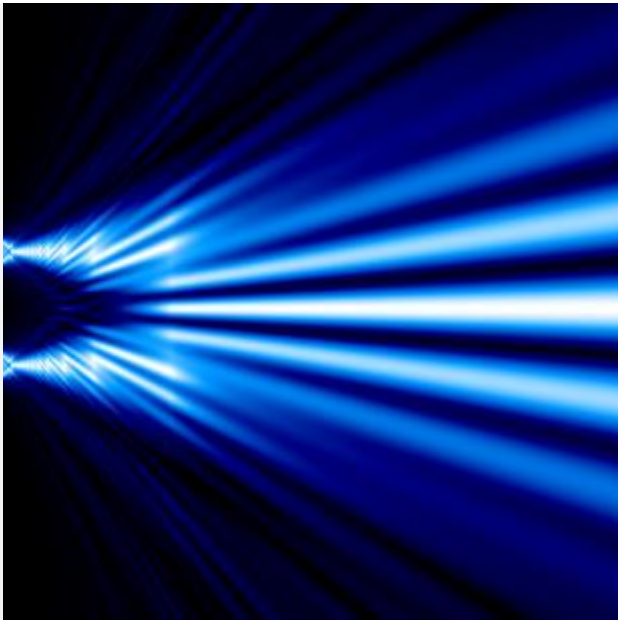
These particles have revolutionized the way we communicate, work, and live. Their properties and interactions have led to many technological advancements that have transformed our world.

The Logic-Defying Double-Slit Experiment Is Even Weirder Than You Thought
By simply observing the process of the experiment, everything changes.



BY AVERY THOMPSON

MAY 24, 2021



INSTITUTE OF PHYSICS

¹Ever hear of the double-slit experiment? It's one of the most bizarre experiments in modern physics, and cuts to the heart of the weirdness of quantum mechanics.

¹ <https://www.popularmechanics.com/science/a22280/double-slit-experiment-even-weirder/>

Basically, waves that pass through two narrow, parallel slits will form an interference pattern on a screen. This is true for all waves, whether they're light waves, water waves, or sound waves.

But light isn't just a wave—it's also a particle called a photon. So what happens if you shoot a single photon at the double slits? Turns out, that even though there's only one photon, it still forms an interference pattern. It's as if the photon travels through both slits simultaneously.

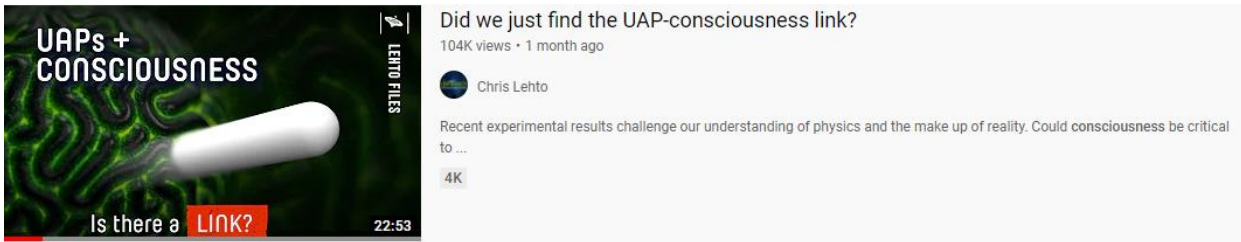
It gets weirder: As an episode of PBS's *Space Time* shows, just by observing the double-slit experiment, the behavior of the photons changes.

This content is imported from YouTube. You may be able to find the same content in another format, or you may be able to find more information, on their website.

The idea behind the double-slit experiment is that even if the photons are sent through the slits one at a time, there's still a wave present to produce the interference pattern.

The wave is a wave of probability because the experiment is set up so the scientists don't know which of the two slits any individual photon will pass

The double split experiment



My dear friend Amar sent me this link to this YouTube video a few days ago. I highly recommend for you watch this. It could transform your life. It's a simple scientific experiment that goes back to the early 1800s, but it is so relevant today.

The wise man says that one should have their feet on the ground and their head in heaven. One should be in this world and yet at the same time be in the state of heaven.

Many of us mourn deeply when one of our loved ones passes and transforms from this world. We grieve tremendously. Yet they have simply moved into another room in the mansion of life.

This simple experiment proves that we are all interconnected and entangled with the universe. This means that we can be in touch with our loved ones wherever they may go.

Love is a communication tool. You're awareness and consciousness can be tuned just like tuning in to a specific radio station. You just simply adjust the dial to the station that you want to hear.

Mind you, communication is not through words but through love itself. When you connect to your loved ones, they have a unique signature just like when they are on earth. You will know and experience this unique signature and at the same time, it will seem so familiar to you. Each soul has a unique and divine signature. We can be aware and conscious of our loved ones.

Take this one step further. All the great spiritual masters are still here. Signposts are all around us. These great masters taught us that the kingdom of heaven lies within.

We are entangled with heaven yet we aren't aware of it. This simple experiment proves that we can be connected to the heavenly realms while we are alive. This may be super simple which it is. Most people probably think that it's too simple.

et the universe's secrets are all around us yet we don't have the eyes to see them. Only a child at heart can see the heavenly realms. This has been said over and over by the great spiritual teachers who walked upon this precious Earth.

These are exciting times that we are in. My dear friend Amar said this to me a few days ago. We are seeing the fusion of science and the great wisdom of the past.

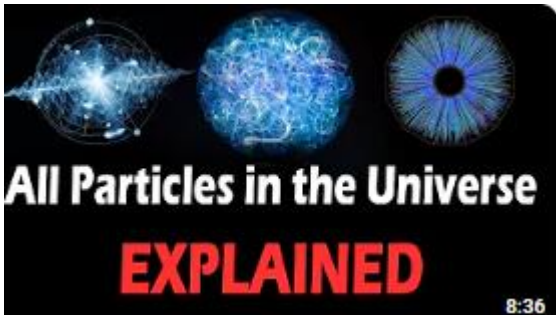
We are on the verge of a great transformation in this world. We simply need to wake up from our slumber. We have such incredible potential within us. We can stop all these insane wars in this world.

All we have to do is realize that we are all interconnected with each other. This experiment proves it.

I hope that you read this message and you watch the video. Hopefully, over time it might sink in. You are never alone.

We only see less than 1% of the light spectrum yet we think we see it all. We have five external senses to perceive this world. We have five internal senses to perceive the inner universe within.

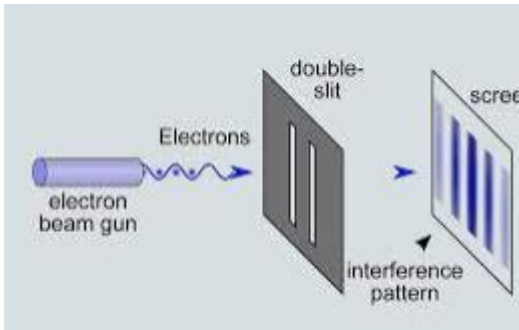
Fundamental particles that make up all matter and energy in the universe



The building blocks of nature are the fundamental particles that make up all matter and energy in the universe. [According to the standard model of particle physics, there are 12 types of matter particles and 4 types of force particles](#)¹.

- **Matter particles:** These are the quarks and leptons that form atoms and molecules. [There are six types of quarks \(up, down, charm, strange, top, bottom\) and six types of leptons \(electron, muon, tau, electron neutrino, muon neutrino, tau neutrino\)](#)¹.
- **Force particles:** These are the bosons that mediate the four fundamental forces of nature: gravity, electromagnetism, strong nuclear force, and weak nuclear force. [There are four types of bosons: photon \(electromagnetic force\), gluon \(strong nuclear force\), W and Z bosons \(weak nuclear force\), and graviton \(gravity\)](#)¹.

These particles are the building blocks of nature because they are the smallest and most basic units of matter and energy. They interact with each other according to the laws of physics and create the diversity and complexity of the natural world.



Happy Birthday, Amar !!!!

After I wrote my commentary on the double split experiment I was very excited. I began to think quite deeply. It made so much sense. Signposts are all around us yet we don't have the eyes to see them.

That same day Amar sent me a PDF that contained a document he wrote on the Jains theory of cosmology of the universe. He used wisdom from 5,000 years ago and current scientific knowledge.

Two years ago I wrote a book about the Jains and their incredible culture. As you might know, I love to study the great mysteries in life. I love to meditate. I posted my material on Facebook daily for around 3 months

Amar saw my post and we soon became good friends. He was interested that a Westerner would write a book about the Jains.

Amar has quite a scientific background. He has a master's in electrical engineering. He has spent over 25 plus years in the aerospace industry. He has studied modern science and Jain Dharma since childhood.

He values both as important to knowledge. Amar and I are on the same wavelength. We seek that which seems to be hidden. Signposts are all around yet we don't have the eyes to see them.

Amar's lecture was a marriage between ancient wisdom and modern-day scientific knowledge. Amar told me the following over the phone a few days ago. This is probably the greatest time to be alive.

He works for the same company that developed the James Webb space telescope. It was launched in December last year. In May, the system will go officially online.

This telescope is the most powerful telescope ever built. Probably thousands of scientific experiments will take place. Our understanding of the universe will be enhanced tremendously over the years.

This brings me back to both. Amar and I take the light infusing the ancient wisdom of the past and current technologies. We are all evolving. The Jains have so much to contribute to the world at large.

Unfortunately, the western world hasn't realized the contributions they have given over the past 5,000,000 years. The world would be much more peaceful and in harmony, if we incorporated their ideas into present-day society.

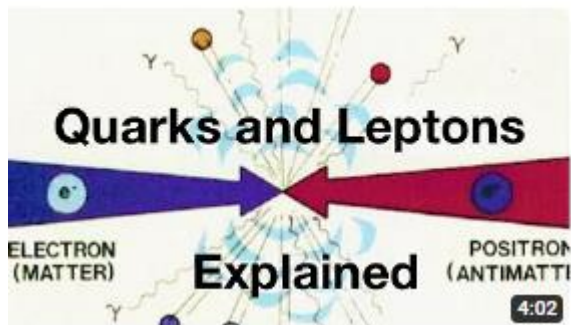
The double split experiment seems so simple, yet it is probably one of the most important scientific discoveries. We are on a verge of using these principles to unlock the great mysteries in life.

Soon we will discover that the Jains version of the universe and the western scientific world of the universe are both talking about the same thing.

Mind you 5,000 years ago we didn't have the scientific hardware and software to develop these incredible theories.

The Jains understood that consciousness exists everywhere. It exists beyond time and space. It exists beyond our known universe. It exists in the seen and unseen worlds. Consciousness is the fabric of life.

Quarks and leptons are fundamental particles

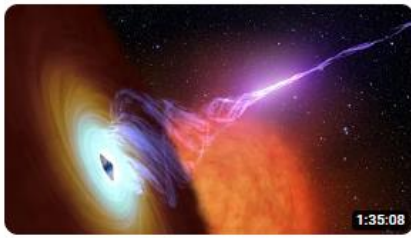


Quarks and leptons are fundamental particles that make up all matter in the universe. [There are six types of leptons: electron, muon, tau, and their corresponding neutrinos](#)¹. [Quarks come in six different types as well: up, down, charm, strange, top, and bottom](#)².

Leptons are not affected by the strong nuclear force, which is responsible for holding the nucleus of an atom together. [They only interact with other particles through the weak nuclear force and electromagnetic force](#)³. [Electrons are the most well-known type of lepton and are negatively charged particles that orbit around the nucleus of an atom](#)¹.

[Quarks, on the other hand, are affected by all four fundamental forces of nature: strong nuclear force, weak nuclear force, electromagnetic force, and gravity](#)². [They combine to form composite particles called hadrons, which include protons and neutrons](#)². [Quarks have a fractional electric charge and are never found in isolation due to a phenomenon known as color confinement](#)².

The Mysteries of the Universe



Welcome to the Mysteries of the Universe, Worlds Beyond Our Imagination, Space Documentary 1HR 43MIN

434K views · 7 months ago



TV - Quantum Universe

Welcome to the mysteries of the universe, a world beyond our imagination where stars are born, galaxies collide, and nebulae...

4K

As he delved deeper into this realm, he discovered that there were portals that led to other dimensions. He realized that this realm was a gateway to other worlds.

Zoran knew that he had stumbled upon something incredible. He knew that this realm held the key to unlocking some of the greatest mysteries of the universe.

And so, Zoran continued his journey through the Quantum Realm, eager to discover what lay beyond.

The universe is full of mysteries waiting to be uncovered. From black holes to dark matter, there are still many things we don't understand about our world. Scientists are constantly working to unravel these mysteries and discover new things about our universe.

One of the biggest mysteries is how everything in the universe came into existence. The Big Bang theory suggests that the universe began as a singularity and has been expanding ever since. However, there are still many questions about what caused the Big Bang and what existed before it.

Another mystery is dark matter, which makes up about 85% of all matter in the universe. Scientists know very little about dark matter except for its gravitational effects on visible matter.

Black holes are another mystery that scientists are trying to understand. These objects are so dense that nothing can escape their gravitational pull, not even light. Scientists are still trying to figure out how black holes form and what happens inside them.

Despite these mysteries, scientists remain optimistic about uncovering more secrets of our universe. With new technology and advancements in science, we may one day be able to answer some of these questions and unlock even more mysteries.

Dark Matter



Where Did Dark Matter And Dark Energy Come From?

2.6M views • 1 year ago

 History of the Universe

AND check out his Youtube channel: <https://www.youtube.com/c/AlasLewisAndBarnes> Incredible thumbnail art by Ettore Mazza, ...



Introduction | Using Gravity | The Great Sculptor | What Is Dark Matter? (Shining A Light) | The Great... 6 chapters

Dark matter is a hypothetical form of matter that appears to not interact with light or the electromagnetic field¹. It is implied by gravitational effects which cannot be explained by general relativity unless more matter is present than can be seen¹. Dark matter is responsible for much of the mass in the universe, making up about 85% of all matter¹. Scientists know very little about dark matter except for its gravitational effects on visible matter¹. The leading explanation is that dark matter is some as-yet-undiscovered subatomic particle, such as weakly interacting massive particles (WIMPs) or axions¹.

Black Holes



A black hole is a region of spacetime where gravity is so strong that nothing, including light and other electromagnetic waves, has enough energy to escape it¹. The theory of general relativity predicts that a sufficiently compact mass can deform spacetime to form a black hole¹. The boundary of no escape is called the event horizon¹. Although it has a great effect on the fate and circumstances of an object crossing it, it has no locally detectable features according to general relativity¹. In many ways, a black hole acts like an ideal black body, as it reflects no light¹. Moreover, quantum field theory in curved spacetime predicts that event horizons emit Hawking radiation, with the same spectrum as a black body of a temperature inversely proportional to its mass¹. This temperature is of the order of billionths of a kelvin for stellar black holes, making it essentially impossible to observe directly¹. Objects whose gravitational fields are too strong for light to escape were first considered in the 18th century by John Michell and Pierre-Simon Laplace¹. In 1916, Karl Schwarzschild found the first modern solution of general relativity that would characterize a black hole¹. Black holes were long considered a mathematical curiosity; it was not until the 1960s that theoretical work showed they were a generic prediction of general relativity¹. The discovery of neutron stars by Jocelyn Bell Burnell in 1967 sparked interest in gravitationally collapsed compact objects as a possible astrophysical reality¹. The first black hole known was Cygnus X-1, identified by several researchers independently in 1971¹. Black holes of stellar mass form when massive

stars collapse at the end of their life cycle. After a black hole has formed, it can grow by absorbing mass from its surroundings. Supermassive black holes of millions of solar masses (M_{\odot}) may form by absorbing other stars and merging with other black holes. There is consensus that supermassive black holes exist in the centres of most galaxies. The presence of a black hole can be inferred through its interaction with other matter and with electromagnetic radiation such as visible light. Any matter that falls onto a black hole can form an external accretion disk heated by friction, forming quasars, some of the brightest objects in the universe. [Stars passing too close to a supermassive black hole can be shredded into streamers that shine very brightly before being “swallowed”¹](#).

The event horizon



The event horizon is the boundary around a black hole beyond which nothing can escape, not even light . It is defined as the distance from the center of the black hole where the escape velocity equals the speed of light . Anything that crosses the event horizon is said to be inside the black hole and cannot escape its gravitational pull . The event horizon is an important concept in understanding black holes and their properties.

How do black holes get created



Black holes are created when massive stars run out of fuel and collapse under their own gravity ¹. The core of the star collapses to a point of zero volume and infinite density called a singularity, surrounded by an event horizon beyond which nothing can escape ². The event horizon is defined as the distance from the center of the black hole where the escape velocity equals the speed of light ². Anything that crosses the event horizon is said to be inside the black hole and cannot escape its gravitational pull ². Black holes can also grow by absorbing mass from their surroundings, including other stars and black holes ³. Supermassive black holes, which are millions or billions of times more massive than the sun, are thought to form through mergers of smaller black holes and gas clouds in the early universe ³.

Stephen Hawking did propose a theory that black holes could be a gateway to another universe



Black Holes May Be Portals To ANOTHER UNIVERSE: Stephen Hawking

311K views • 7 years ago



Beyond Science

Black holes get their name from the fact that nothing escapes them, but Stephen Hawking now thinks that there could be a way out ...

Stephen Hawking did propose a theory that black holes could be a gateway to another universe. [He suggested that objects may be able to fall through black holes into an alternate universe ¹](#). However, this is still a theoretical concept and has not been proven. [The idea is based on the concept of wormholes, which are hypothetical tunnels through space-time that could connect two different points in the universe or even different universes ²](#). While wormholes are allowed by the laws of physics, they are not yet proven to exist and are purely theoretical at this point.

Wormholes



What is a Wormhole? With Neil deGrasse Tyson

302K views • 7 months ago



StarTalk

What is a wormhole exactly? Travel through a mashup of Startalk's favorite wormhole moments with Neil deGrasse Tyson and ...



What is a Wormhole? | Examples of Wormholes | Intergalactic Highways | Time Traveling Through...

4 chapters



A wormhole is a hypothetical structure that connects two distant points in space and time via a tunnel ¹. It is based on a special solution of the Einstein field equations ². A wormhole can be visualized as a tunnel with two ends at separate points in spacetime (i.e., different locations, different points in time, or both) ². The length of this tunnel is shorter than the distance between those two points, making the wormhole a kind of shortcut ¹. Wormholes are still hypothetical and have not been proven to exist. They are legitimate solutions to general relativity, but scientists have never figured out a way to maintain a stable wormhole in the real universe ¹.

UFO's Ridding Gravity Waves



The Physics of UFOs: Eric Weinstein + Hal Puthoff

1.1M views • 1 year ago



Jesse Michels

Eric Weinstein is a Managing Director at Thiel Capital, creator of geometric unity, a unified theory in physics, and the intellectual ...



I have a dear old friend named Kryon. Recently I heard what he said about gravity. Everything from the smallest in the universe to the largest has push-pull energy. The ancients called it the Tao. Everything has a pair of opposites.

Gravity was first discovered by Sir Isaac Newton after an apple famously fell from a tree as he watched. The discovery of a gravitational force allowed him to develop his three laws of motion. He published his findings of gravity in “Principia Mathematica” in July of 1687.

Here’s where I find it interesting. If everything has a push-pull effect then gravity has a push-pull effect. Why can’t we detect that? To be honest, if our society discovered this we would use it as a weapon. We are not emotionally mature to handle that.

Yet suppose there were civilizations billions of years ago. They went through the same turmoil we are in and overcome all obstacles. They learned how to become one with the universe. By the way that’s our true state also.

They also knew everything has push-pull energy even gravity. I love watching Unidentified: Inside America's UFO Investigation on the History channel. This show documents former US intelligence

officers who left the government because the government hid all their findings and wouldn't release them.

Anyway going back to the story. Hundreds of people are totally amazed by the flying capability of these UFOs. They can stop on a dime. Disappear and then instantly reappear in the opposite direction. They can travel underwater at enormous speeds.

The military asks how they do it. When our fighters try to engage them the UFOs are taking a stroll in the park. Our technology is so primitive yet we think we are advanced.

How do they fly like that? When you discover everything is push-pull energy including gravity you can surf these waves. Mind you this is not anti-gravity. If you truly understood these laws over time you could create a vehicle that could respond at your command.

Yet how do they survive those G forces? Any human would instantly blank out. My theory is the following. They have learned how to keep the body asleep and at the same time, their awareness is alive. Hum sounds like meditation to me.

They have reached such a state of awareness that their consciousness can operate the UFO. Yes, it seems far fetch yet today we are learning how to use thought to operate many devices. We are still in the kindergarten stage of development. We can't even get along with each other. We are all lost in our dramas. We can't see the forest from the trees. Signposts are all around yet we can't see them.

I think we are newcomers on the block in the universe. Imagine there are civilizations billions of years older than us. Imagine they realized the universe is kind.

Imagine they have reached a point in time where they can be anywhere in the universe in less than a second. Maybe just maybe these UFOs are taking a leisure Sunday stroll in our part of the universe. The family of life is sightseeing and looking at the great wonders of our magnificent planet.

They do have not a care in the world. Why should they? They and their planet mastered themselves a long long time ago. They became one with the universe. They went from me to we. Now that's another story. I would love it if good old Albert Einstein was alive today. He would have a grand time explaining this.

General relativity



General relativity is a theory of gravitation that was published by Albert Einstein in 1915¹. It is the current description of gravitation in modern physics and provides a unified description of gravity as a geometric property of space and time or four-dimensional spacetime¹. In particular, the curvature of spacetime is directly related to the energy and momentum of whatever matter and radiation are present¹. The relation is specified by the Einstein field equations, a system of second order partial differential equations¹. General relativity generalizes special relativity and refines Newton's law of universal gravitation, providing a unified description of gravity as a geometric property of space and time or four-dimensional spacetime¹. Some predictions of general relativity include gravitational time dilation, gravitational lensing, the gravitational redshift of light, the Shapiro time delay, and singularities/black holes¹. Despite the introduction of a number of alternative theories, general relativity continues to be the simplest theory consistent with experimental data¹.

At The Speed Of Light

Our rockets are like Junkers in the sky.

Chug, chug, chug

We can go around 18,000 miles per hour.

We think we go so fast.

Yet even if we go 180,000 miles per second it would take a long time to get to the nearest star.

How can we truly explore space?

Can you imagine an advanced civilization that in a blink of an eye can be anywhere in the universe?

How's that for time travel?

Beyond time and space.

In the quantum world, there is no A to B.

Travel is not linear.

We have a lot to discover.



The creatures in this realm



What They Don't Tell You About The Ethereal Realm - D&D

189K views • 2 years ago



MrRhxxx

Business Only Email :- MrRhxxxGames@gmail.com For art submissions, send it here! :- rhxxxart@gmail.com Please make sure ...



What is the Ethereal Realm

9 chapters

The creatures in this realm are unlike anything Zoran has ever seen before. They are made entirely of shadow and can change their shape at will. Some of them seem to exist in multiple places at once, while others can manipulate the darkness around them. They are mysterious and fascinating creatures that Zoran is eager to learn more about.

As he continues his journey through this realm, Zoran encounters many different types of shadow creatures. Some are small and harmless, while others are large and dangerous. They all seem to have their own unique abilities and characteristics.

Zoran is particularly interested in the entities that exist in multiple places at once. He has never encountered anything like them before and is fascinated by their ability to be in two places at the same time.

Despite the challenges and obstacles he faces, Zoran remains determined to uncover the secrets of this mysterious realm and learn more about its inhabitants.

Emptiness or nothingness



What is Emptiness? Robert Thurman & Sharon Salzberg : Buddhism Explained

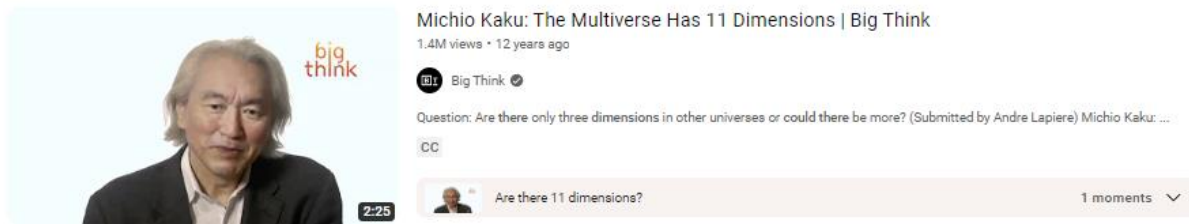
6.5K views • 3 years ago

Tibet House US Menla Online

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The world that Zoran found himself in is not a specific world that mystics or scientists talk about. However, the concept of emptiness or nothingness is a common theme in many spiritual and philosophical traditions. [In Buddhism, for example, emptiness refers to the idea that all phenomena are empty of inherent existence](#) ¹. [In physics, the concept of nothingness is related to the vacuum state, which is the lowest possible energy state of a quantum mechanical system](#) ². While these concepts are not exactly the same as the world that Zoran found himself in, they do share some similarities.

There are many other dimensions that Zoran could explore



There are many other dimensions that Zoran could explore. [Some scientists believe that there may be as many as 11 dimensions in the universe¹](#). These dimensions are not visible to the human eye, but they could have a profound impact on the way we understand the universe.

[One theory is that there are parallel universes or alternate realities that exist in other dimensions²](#). These universes could be very different from our own and may have different physical laws and properties.

[Another theory is that there are extra dimensions that are curled up or compactified, meaning they are too small to be seen by the human eye³](#). These dimensions could help explain phenomena such as dark matter and dark energy, which are still not well understood by scientists.

While we may never be able to explore these dimensions directly, they offer a fascinating glimpse into the mysteries of the universe.

Zoran and the Quantum Quest



Probing the Multiverse: The Quest for Evidence Beyond Our Universe

111 views · 6 days ago

Knowledge Clique

Step inside the unassuming lab at the University of Cambridge, where a team of researchers is embarking on a remarkable ...

New CC

Zoran sets out on a quest to uncover the mysteries of quantum physics. He travels through space and time, encountering strange phenomena such as black holes, wormholes, and quantum entanglement. With the help of his friends, he learns about the fundamental laws of nature and how they shape our world.

Source: Conversation with Bing, 10/27/2023

(1) Closed Loophole Confirms the Unreality of the Quantum World.

<https://www.quantamagazine.org/closed-loophole-confirms-the-unreality-of-the-quantum-world-20180725/>.

(2) [2112.06211] Quantum kernels for real-world predictions based on

<https://arxiv.org/abs/2112.06211>.

(3) A rebel physicist has an elegant solution to a quantum mystery.

<https://www.wired.co.uk/article/quantum-theory-speed-light-dragan>.

(4) Zoran the dragon God by CR1MS0NF0X on DeviantArt.

<https://www.deviantart.com/cr1ms0nf0x/art/Zoran-the-dragon-God-600073343>.

(5) Goran Dragić - Wikipedia. https://en.wikipedia.org/wiki/Goran_Dragi%C4%87.

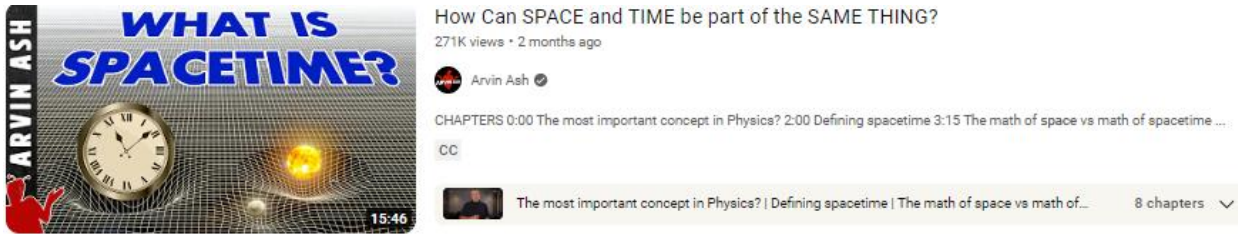
(6) Zoran (Earth-4290001) | Marvel Database | Fandom.

https://marvel.fandom.com/wiki/Zoran_%28Earth-4290001%29.

(7) Zoran The Dragon Reference (Skylanders OC) - DeviantArt.

<https://www.deviantart.com/darkdragondeception/art/Zoran-The-Dragon-Reference-Skylanders-OC-696086425>.

Space and Time



Zoran, the dragon, was a curious creature. He had always been fascinated by the mysteries of space and time. One day, he decided to embark on a journey to explore the unknown depths of the universe.

As he soared through the vast expanse of space, he encountered a strange phenomenon. The stars around him began to warp and twist, as if they were alive. Zoran was intrigued. He had never seen anything like this before.

He flew closer to investigate and found himself in the midst of a quantum field. The field was unlike anything he had ever seen. It was alive with energy and pulsating with light.

Zoran knew that he had stumbled upon something truly remarkable. He decided to explore this quantum field further and see where it would take him.

As he delved deeper into the field, he discovered that it was not just a random collection of particles. It was a living, breathing entity that was connected to everything in the universe.

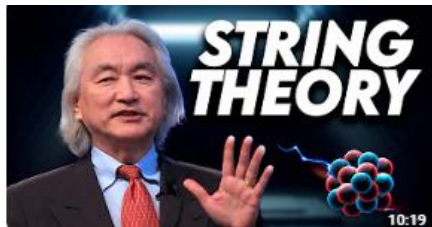
Zoran realized that he had stumbled upon the very fabric of space and time itself. He felt a sense of awe and wonder wash over him as he gazed upon this incredible sight.

He knew that he had to share his discovery with others. He flew back to his home in the mountains and began to write about his experiences in his journal.

Zoran's journal became famous throughout the land. People came from far and wide to read about his adventures in space and time. They marveled at his descriptions of the quantum field and were inspired by his sense of wonder.

And so, Zoran became known as the greatest dragon explorer of all time. His legacy lived on long after he was gone, inspiring generations of adventurers to explore the mysteries of space and time.

The Mysteries of Quantum Physics



MICHIO KAKU Explains The Mysteries of String Theory & Quantum Physics

254K views · 8 months ago

Sci Science Time

In this fascinating video, renowned physicist and futurist Michio Kaku takes us on a journey through the mind-bending world

CC

One day, while flying over the Himalayas, Zoran saw a strange portal that seemed to lead to another dimension. He was curious and decided to investigate.

As he flew through the portal, he felt a strange sensation. It was as if he was being pulled in different directions at once. He saw colors and shapes that he had never seen before. He felt as if he was in a dream.

When he finally emerged from the portal, he found himself in a world that was unlike anything he had ever seen. It was a world of pure energy and light. There were no solid objects, only waves of probability.

Zoran was amazed by what he saw. He realized that this was the Quantum Realm, a place where the laws of physics were different from those in his own world.

He decided to explore this new realm and see what secrets it held. He flew through the waves of probability and discovered that there were other creatures living in this realm.

There were beings made entirely of light, creatures that could change their shape at will, and entities that seemed to exist in multiple places at once.

Zoran was fascinated by these creatures and wanted to learn more about them. He decided to stay in this realm for a while and study its secrets.

As he delved deeper into this realm, he discovered that there were portals that led to other dimensions. He realized that this realm was a gateway to other worlds.

Zoran knew that he had stumbled upon something incredible. He knew that this realm held the key to unlocking some of the greatest mysteries of the universe.

One of these mysteries was quantum physics. Zoran had heard about quantum physics before, but he didn't fully understand it. He knew that it dealt with particles on a very small scale, but beyond that, it was a mystery to him.

As Zoran explored the Quantum Realm, he began to learn more about quantum physics. He discovered that particles on a very small scale behaved differently than particles on a larger scale. They could be in two places at once or exist in multiple states simultaneously.

Zoran also learned about quantum entanglement, where particles could become connected in such a way that they would always be linked no matter how far apart they were.

These concepts were difficult for Zoran to understand, but he knew that they held the key to unlocking some of the greatest mysteries of the universe.

And so, Zoran continued his thrilling adventure through the Quantum Realm and beyond, eager to uncover its many mysteries and unlock its secrets.

Life's mystery



Consciousness and the Mystery of Existence - Documentary about Consciousness and Reality

708K views • 3 years ago

 metaRising

An ancient idea is that the mystery of consciousness and the mystery of existence are deeply connected. Today there are a ...

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The mvsterv of existence

5 chapters ▾

When I was young I was fascinated by the mystery of life. I knew there was more than a 9 to 5 existence. When I was around 5 years old my Uncle Bill took my brother and me to Bob's Big Boy for a shake.

At that time they have these paper placemats with a Martian saying take me to your leader. My brother and I placed these masks over our faces and started to laugh and laugh. We knew that we were from the stars. My Uncle had no idea why we were laughing.

How did we know that we came from the stars? Most people would say it was your childhood imagination. Yet you can't really explain it. How do you explain the power of love? Where does it come from? Does our DNA contain parts of us that are eternal?

Does our DNA contain the essence of God? Scientists say that 95% of our DNA is junk DNA. Does God create junk? I don't think so. According to Kyron, he says junk DNA is multi-dimensional DNA. In other words, our DNA is part of the physical and spiritual. We don't have any instruments on earth to prove this.

Yet Bruce Lipton from Stanford says that thru his research that they have discovered the following. Your DNA may have the propensity for a certain disease. Yet with lifestyle changes and the mind being in a state of being that is spiritual you can overcome your propensity to get the disease. You can in essence program yourself out of this problem.

Can you imagine if a part of your DNA contains your higher self that means you are hard-wired to discover God inside of you? A part of you exists in the cosmic soup of God and a part of you exists on this planet. For ages, the great masters have said that the kingdom of heaven lies within. Maybe we have all the tools inside of us. We have been looking in all the wrong places.

For example, imagine only a short time ago we thought that the world was flat. We thought that by sailing deep into the ocean there would be a point where the ship would fall off the face of the earth. This was only about 600 years ago. Yet Christopher Columbus sailed to America and debunked that theory.

Now imagine the Mayans and other ingenious cultures. They developed several calendars the calendar cycle was around 24,000 years. They had around 10

different calendars that they used to calculate different cycles of time. They have from one day to 64 million years. How did they get this information? The Mayans had this knowledge around the 5th century BC. This is around a thousand years before Christopher Columbus discovered America.

How did they get this knowledge? They didn't have computers or modern-day telescopes. Could their knowledge come from within? I certainly think so. The universe within is a microcosm of the universe outside of us. They could tap into the source.

You are the universe. They understood that principle and had a direct relaxation of that. They knew about entanglement and the Universal Field. Scientists are just beginning to focus on and understand these laws. Yet they had this knowledge 2500 years ago.

Many indigenous people all around the world had this knowledge. They knew they came from the stars. Westerners would laugh at them and say how cute that is.

Imagine if a scientist would discover their true nature and work with his scientific nature. Imagine how far we could go.

We have satellites that go around 16,000 miles per hour. Imagine even if we could go 186 thousand miles per second it would take around two years to reach the closest star. What if a man could go within and use the field and go anywhere in the universe in less than a second?

Imagine if a civilization has been around for 16 billion years. How advanced do you think they would be? Imagine that they had the same problems that we had. War, poverty, crime, etc. they learned over time to advance themselves physically, mentally, and spiritually. They reached a point where the entire civilization became the universe. At this point in evolution, they decided to help another planet achieve the same.

The cycle would occur over and over again. Sometimes it would not work out. The people might have a great war and destroy the planet. When the planet was mature enough they would then go to another planet and start anew. This sounds like science fiction. Yet you are eternal.

You were never created and you will never die. Your body will. So think this over. Maybe our planet was created as a great experiment. Maybe our DNA came from the stars. We are stardust as Carl Sagan once said. Let's put it this way Life is a great mystery.

Space and time 2



The Mystery at the Bottom of Physics

4.8M views • 4 years ago



exurb1a

Further Correction: I pulled a stupid. The fine structure constant is given as $1/137$, not 137. Books what I wrote, ...

CC

11:35

Space and time are fascinating concepts that have been studied by philosophers and scientists alike. The philosophy of space and time is concerned with the issues surrounding the ontology and epistemology of space and time. It focuses on a number of basic issues, including whether time and space exist independently of the mind, whether they exist independently of one another, what accounts for time's apparently unidirectional flow, whether times other than the present moment exist, and questions about the nature of identity (particularly the nature of identity over time) ¹.

In physics, spacetime is any mathematical model that fuses the three dimensions of space and the one dimension of time into a single four-dimensional continuum. Spacetime diagrams are useful in visualizing and understanding relativistic effects such as how different observers perceive where and when events occur ²³.

Time dilation



Time dilation is a phenomenon that occurs when time appears to pass at different rates for observers who are moving relative to one another or are differently situated in a gravitational field ¹. It is a consequence of Einstein's theory of relativity, which states that time and space are not absolute but are relative to the observer's frame of reference ¹.

In special relativity, time dilation occurs due to the relative motion between two observers. The faster an observer moves relative to another observer, the slower time appears to pass for them ¹. This effect is known as special relativistic time dilation.

In general relativity, time dilation occurs due to differences in gravitational potential between two observers. The closer an observer is to a massive object, the slower time appears to pass for them ¹. This effect is known as gravitational time dilation.

The amount of time dilation depends on the relative velocity or gravitational potential between the observers and can be calculated using mathematical equations ¹. Time dilation has been experimentally verified and has practical applications in fields such as satellite navigation systems ¹.

Black Holes and Wormholes



Neil deGrasse Tyson Explains Wormholes and Black holes

534K views • 8 years ago

Insider Business

Much of the film Interstellar is centered around the existence of a wormhole and black hole, which happen to be two of the most ...



Neil deGrasse Tyson Explains Wormholes & Black Holes | WILL WARP THE FABRIC OF SPACE | A... 4 moments

Zoran, the dragon, had always been fascinated by the mysteries of space and time. He had explored the depths of the universe and discovered many wonders. But there was one phenomenon that had always eluded him - black holes.

One day, Zoran decided to embark on a quest to unravel the secrets of black holes. He knew that it would be a dangerous journey, but he was determined to succeed.

As he soared through space, he encountered a massive black hole. It was unlike anything he had ever seen before. The black hole was so massive that it warped space and time around it.

Zoran knew that he had to be careful. He didn't want to get too close and risk being sucked into the black hole's event horizon. But he also knew that he had to get closer if he wanted to learn more about this mysterious object.

As he approached the black hole, he noticed something strange. There was a wormhole near the event horizon. Zoran had heard of wormholes before, but he had never seen one in person.

He flew closer to investigate and found himself being pulled into the wormhole. The experience was disorienting, but Zoran managed to keep his wits about him.

As he emerged from the other side of the wormhole, he found himself in a different part of the universe. He had traveled millions of light-years in an instant.

Zoran realized that wormholes were the key to unlocking the secrets of black holes. They were like shortcuts through space and time that could take you anywhere in the universe.

He continued his journey, exploring more black holes and discovering more wormholes along the way. He wrote about his experiences in his journal, hoping that others would follow in his footsteps and continue his quest for knowledge.

And so, Zoran became known as the greatest dragon explorer of all time. His legacy lived on long after he was gone, inspiring generations of adventurers to explore the mysteries of space and time.

Quantum Entanglement

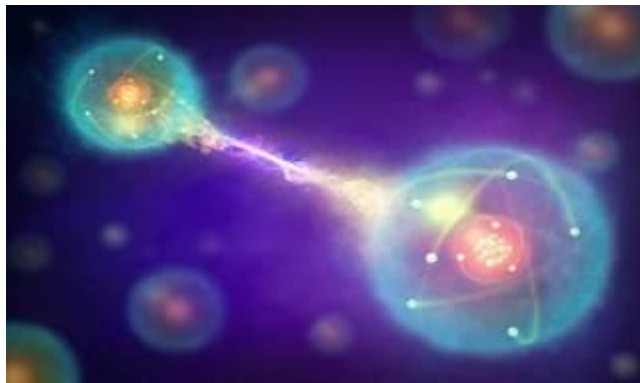


Neil deGrasse Tyson Explores Quantum Entanglement with Janna Levin
396K views • 3 years ago

StarTalk

As the world continues with this weird time, we're getting even weirder at StarTalk. Neil deGrasse Tyson, comic co-host Chuck ...

Introduction | Wobstone Experiment | 'Observer Effect' | Quantum Communication | Quantum... 7 chapters



Zoran, the dragon, had always been fascinated by the mysteries of space and time. He had explored the depths of the universe and discovered many wonders. But there was one phenomenon that had always eluded him - quantum entanglement.

One day, Zoran decided to embark on a quest to unravel the secrets of quantum entanglement. He knew that it would be a difficult journey, but he was determined to succeed.

As he soared through space, he encountered a pair of particles that were entangled. He was amazed by what he saw. The particles were connected in a way that defied all logic.

Zoran knew that he had to learn more about this phenomenon. He flew closer to the particles and observed them carefully. He noticed that when one particle changed its state, the other particle changed its state as well, no matter how far apart they were.

He realized that this was quantum entanglement - a phenomenon that connected particles in a way that was beyond comprehension. He knew that he had to explore this further.

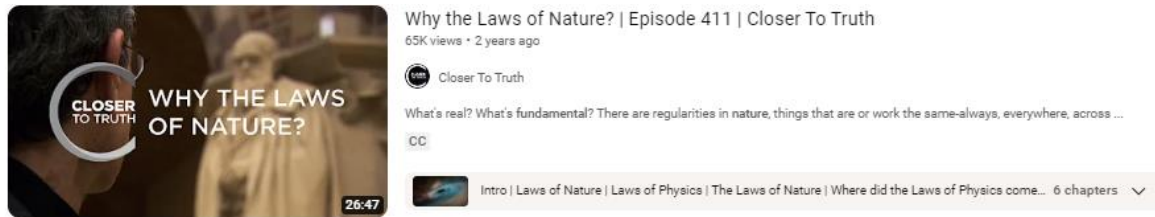
As he delved deeper into quantum entanglement, he discovered that it was not just a phenomenon between particles. It was a fundamental aspect of the universe itself.

He learned that everything in the universe was connected in some way - from the smallest particles to the largest structures. He realized that quantum entanglement was the key to understanding this connection.

Zoran continued his journey, exploring more about quantum entanglement and discovering new insights along the way. He wrote about his experiences in his journal, hoping that others would follow in his footsteps and continue his quest for knowledge.

And so, Zoran became known as the greatest dragon explorer of all time. His legacy lived on long after he was gone, inspiring generations of adventurers to explore the mysteries of quantum entanglement.

The Fundamental Laws of Nature



One day, Zoran decided to embark on a quest to unravel this mystery. He knew that it would be a difficult journey, but he was determined to succeed.

As he soared through space, he encountered many strange phenomena. He saw stars being born and dying, galaxies colliding, and black holes devouring everything in their path.

Zoran knew that these phenomena were governed by some fundamental laws of nature. He decided to investigate further.

As he delved deeper into the mysteries of the universe, he discovered that there were four fundamental forces that governed everything in the cosmos - gravity, electromagnetism, the strong nuclear force, and the weak nuclear force.

He realized that these forces were responsible for everything from the tiniest subatomic particles to the largest structures in the universe. They were the building blocks of reality itself.

Zoran continued his journey, exploring more about these fundamental forces and discovering new insights along the way. He wrote about his experiences in his journal, hoping that others would follow in his footsteps and continue his quest for knowledge.

And so, Zoran became known as one of the greatest dragon explorers of all time. His legacy lived on long after he was gone, inspiring generations of adventurers to explore the mysteries of the universe.

What was his true purpose



Carl Jung - How to Find Your Purpose

132K views · 4 months ago

Freedom in Thought

ABOUT THE VIDEO _ In this video, we talk about Carl Jung, The Red Book, and finding your purpose in life. RELATED VIDEOS _ ...

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Zoran, the dragon, had always been fascinated by the mysteries of space and time. He had explored the depths of the universe and discovered many wonders. But there was one question that had always eluded him - what was his true purpose?

One day, Zoran decided to embark on a quest to find the answer. He knew that it would be a difficult journey, but he was determined to succeed.

As he soared through space, he encountered many strange phenomena. He saw stars being born and dying, galaxies colliding, and black holes devouring everything in their path.

Zoran knew that these phenomena were governed by some fundamental laws of nature. He decided to investigate further.

As he delved deeper into the mysteries of the universe, he discovered that there was a force that connected everything in the cosmos - the force of creation.

He realized that he was not just a dragon exploring the universe, but a part of the universe itself. He was connected to everything around him in ways that he had never imagined.

Zoran continued his journey, exploring more about this force of creation and discovering new insights along the way. He wrote about his experiences in his journal, hoping that others would follow in his footsteps and continue his quest for knowledge.

And so, Zoran became known as one of the greatest dragon explorers of all time. His legacy lived on long after he was gone, inspiring generations of adventurers to explore the mysteries of the universe.

Lesions learned



Brian Cox explains quantum mechanics in 60 seconds - BBC News

6.6M views · 9 years ago



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1. Zoran, the Dragon and the Quantum Quest- Space and Time: Zoran embarks on a journey to explore the unknown depths of the universe and discovers a quantum field that is alive with energy and pulsating with light.
2. Zoran, the Dragon and the Quantum Quest- Black Holes and Wormholes: Zoran embarks on a quest to unravel the secrets of black holes and discovers wormholes that are like shortcuts through space and time.
3. Zoran, the Dragon and the Quantum Quest- Quantum Entanglement: Zoran explores quantum entanglement and discovers that everything in the universe is connected in some way.
4. Zoran, the Dragon and the Quantum Quest- The Fundamental Laws of Nature: Zoran discovers that there are four fundamental forces that govern everything in the cosmos - gravity, electromagnetism, the strong nuclear force, and the weak nuclear force.
5. Zoran, the Dragon and the Quantum Quest- Zoran's Quest Begins: Zoran embarks on a quest to find his true purpose and discovers that he is not just a dragon exploring the universe, but a part of the universe itself.

How To Use The Quantum Field 2



How to Change the Quantum Field & Influence Reality! (Joe Dispenza & Gregg Braden) Law of Attraction

144K views · 2 years ago

Your Youniverse

In this video, Dr. Joe Dispenza & Gregg Braden discuss how to manifest what you want fast through the use of quantum physics.

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What is the solution? In my last talk, I wrote about our current conditions. For the average person, it might seem normal. What is the solution? This is the current state of affairs. I can't do anything about it. We are saying yes you can.

What is the future of humanity? Did you know that disease can't live in the quantum field? Did you know that man will evolve into a creature filled with light and have a physical body? Imagine the universe's vast storehouse of chemicals exists inside. They can't be released until one starts changing their thoughts and actions.

Negative emotions are obsolete. They have not served us in any way. We have fought for thousands of years. We continue to fight. Without genuine kindness for all, the world will continue in this downward spiral.

Your mind and body are one. As you know that for every negative thought you have over 1500 different chemicals get released into your bloodstream. Did you know that for every positive thought you have over 1500 positive chemicals get released into your bloodstream?

By being aware of the quantum field in your daily life one begins to transform and change. We are on the cutting edge of transforming.

Did you know the human body is wired to live for 900 years? You may scoff at that and say that is ridiculous. Yet some trees live to be around three thousand years. The majority of humanity is living under intense stress. The majority die way before what they are wired for.

I have a friend who said I will die when I'm 88 years old. He will die when he is 88 years old. Imagine we have no idea of the power of the mind. We think we are helpless and diseases just manifest out of the blue. Yet we create our disease through our lifestyles, thoughts, and actions.

We are oblivious to playing the same tapes over and over. Baby steps are needed. Two steps forward and one step backward. This is how humanity and the universe learn. This is a learning process. The entire universe takes baby steps. Yes, certain events seem to occur in seconds. Look at a volcano blowing. It seems like it just explodes. But it might have been simmering for hundreds of years.

What has this got to do with me? Everything. Imagine you are hardwired for this experience. The car is sitting in your garage gathering dust. It was meant for you to drive down the freeway of life. Yet the majority of people don't even know that the car exists inside.

We have been raised to only focus on the external. Society says only the artist, musicians and mystics dive deep into their hearts. They were born that way. Yet we all have that capability.

We are skimming the surface of the ocean of life and think that is reality. The mystics have said there is an infinite ocean that lies inside of you. They didn't have the name quantum field during their

Yes, you may laugh. Imagine some civilizations went through the same path of going from darkness to light. No civilizations get a free ride. Yet they truly transformed. They went from war to a state of living in the quantum field.

This is our destiny. Look it's not going to happen overnight. Many people say it takes over a million years. Fortunately, millions of people are waking up from their slumber.

Our life is about to change in ways that we can't even conceive. Many incredible scientific discoveries will come along the way. The more the world embraces the quantum world there are an infinite amount of discoveries to come.

You see humanity is like a tuning fork. It vibrates at the frequency of human consciousness. We have been in a state of darkness and chaos for thousands of years. That is about to change. Personal empowerment is gaining momentum.

When people understand the principles that they can change and then science helps humanity to take practical steps to change.

For example, I truly didn't know those thoughts produced chemicals directly into the bloodstream.

Just this one discovery alone changed my life. Mind you I've been meditating for many moons. I didn't pay attention to my thoughts. Yet now I try to monitor my thoughts which leads to monitoring my emotions, which leads to monitoring my actions. This is quite different from people who tweet what comes to their minds.

Here are some simple steps which have helped me.

Try to meditate every day. Even if it is five minutes. Just follow your breath. I know it sounds too simple.

Focus on your breath doing your daily activities. Why? Just do it for a year and then you tell me?

Monitor the words that you speak. If it is not kind don't say it.

Pay attention to your heart. Have gratitude that you are alive. The heart contains the incredible emotions of love, kindness, mercy, and compassion. This is your true state. I could go on for a long time about the heart. Look at the various research on heart coherence. Just this alone blows my mind.

Learn how to be aware of the negative emotions that are stored in your body. There are many different techniques out there. Find one which matches your needs. You can learn how to reprogram your old tapes.

Read the latest fusion between science and Mystics. It will bring you to the understanding this is a practical path.

Learn to be in harmony with nature. Look at the four seasons for an example. Nature can truly teach us if we ask.

Your ancestors are always there. They have never left you. As I read about a week ago they just moved into the next room into the mansion of life. As we get older you might understand how this would help us grieve healthily. We might even learn how to knock on their door. You see the quantum field contains all.

Get enough sleep. Your body truly needs sleep to repair itself. Scientists have found that athletes who get extra sleep recover much quicker and are less prone to injuries. The less sleep you get the more prone to injuries. This even goes with us, everyday folks.

Your body and mind are your friends. Treat it that way. Many of the world's diseases could have been prevented.

Mankind lives mostly from old tapes. Learn to reprogram yourself. I have been a software engineer for over 35 years. I have learned to reprogram myself for many years.

Health is your greatest wealth. If you are a billionaire and you are sick you can't quite enjoy it. Take care of yourself. Take care of your mind, body, and soul.

Remember God is your co-pilot. He will not drive your car for you. It's only by your will yet God is there to help you on this journey in life. Only you can open the inner car door.

Be kind to yourself. Laugh at life. We all make daily mistakes. Learn from them. Some mistakes may take thousands of tries. Just laugh if you fall to the ground. Dust yourself and stand up and continue along on your journey. Life will always throw us curveballs. Someday we will be able to hit the ball out of the park.

We then proceed to the next video game level. You see we are always in a state of evolving.

Be kind to the world around you. Smile and be considerate of others. Listen from your heart to those who are in pain. I mean truly listen. Don't think about what

I'm going to say next. When you pray to God does he think what am I going to say or does he truly listen?

Learn how to cultivate to become the mind of God. Mind you in this present moment that might sound outlandish. Yet try to think like God. Monitor your thoughts to be in alignment with God. God thinks totally outside of the box.

Learn how to cultivate to become the heart of God. Same thing this sounds outlandish. Even if you gathered one drop from the heart of God your life would transform. Remember what you pay attention to you become.

This is a totally practical path. You don't have to renounce anything. Well maybe. You just let go of the garbage that is weighing you down.

So take these ideas. Some may work for you while some won't. The goal is for you to take practical steps on this journey of life. Be aware of the actions you take. The world will enjoy being around you.

Wow Wow Wow

If you stretched the DNA in one cell all the way out, it would be about 2m long and all the DNA in all your cells put together would be about twice the diameter of the Solar System.

Wow, wow, and wow.

Bacterial Cells

The average human body carries ten times more bacterial cells than human cells.

We were taught always to wash our hands and spray our countertops.

Yet we are a walking petri dish.

Once again there are 10 times more bacterial cells in your body than human cells.

For example, bacteria produce chemicals that help us harness energy and nutrients from our food.

Germ-free rodents have to consume nearly a third more calories than normal rodents to maintain their body weight, and when the same animals were later given a dose of bacteria, their body fat levels spiked even though they didn't eat any more than they had before.

Gut bacteria are also very important for maintaining immunity.

ZME Science

8 times as many atoms

There are 8 times as many atoms in a teaspoonful of water as there are teaspoonful's of water in the Atlantic Ocean.

A teaspoon of water (about 5 mL) contains 2×10^{23} water molecules, but each water molecule is comprised of 3 atoms: two hydrogen atoms and one of oxygen. Moreover, if you'd laid down end to end each water molecule from a teaspoon down end to end, you'd end up with a length of 50 billion km — 10 times the width of our solar system.

ZME Science

The known universe is made up of 50 billion galaxies

The known universe is made up of 50 billion galaxies.

There are between one billion and 1 Trillion stars in a normal galaxy.

In the Milky Way alone there might be as many as 100 billion Earth-like planets.

Still think we're alone?

ZME Science

About 1% of our genes come from plants

About 1% of our genes come from plants, fungi, and other germs
According to research from the University of Cambridge, humans have evolved
with genes acquired from plants and fungi.

But how did they get there?

Rather than a straightforward single branching tree where genes are inherited from
parents, scientists argue that sometimes foreign genes may spread by a process
known as horizontal gene transfer.

For instance, different species of bacteria often exchange genes via viruses.

ZME Science

Photon

It takes a photon up to 40,000 years to travel from the core of the sun to its surface,
but only 8 minutes to travel the rest of the way to Earth

A photon travels, on average, a particular distance before being briefly absorbed
and released by an atom, which scatters it in a new random direction.

To travel from the sun's core to the sun's surface (696,000 kilometers) so it can
escape into space, a photon needs to make a huge number of drunken jumps.

The calculation is a little tricky, but the conclusion is that a photon takes many
thousands and many millions of years to drunkenly wander to the surface of the
Sun.

In a way, some of the light that reaches us today is energy produced millions of
years ago.
Amazing!

ZME Science

Comparison between the traditional school model and Zoran's approach

Traditional School Model	Zoran's Approach
Learning happens in a physical space, within the four walls of a classroom.	Learning can happen anywhere, anytime, using digital resources and tools.
The teacher is in complete control of the learning environment.	The learner is in control of their own learning, with guidance from the teacher.
Learning happens at a predetermined pace and schedule.	Learning happens at the learner's own pace and schedule.
Face-to-face interaction between the teacher and students.	Interaction can happen through various digital channels, such as video conferencing, chat rooms, and discussion forums.
Strict reliance on textbooks.	A variety of digital resources are used to supplement or replace textbooks, such as videos, simulations, games, and interactive exercises.

The approach presented in the article emphasizes **flexibility**, **personalization**, and **engagement** in learning physics. By leveraging digital resources and tools, learners can explore physics concepts in a more interactive and immersive way than traditional textbooks allow. They can also learn at their own pace and schedule, which can help them stay motivated and engaged.

Moreover, Zoran's approach encourages learners to take ownership of their own learning by setting goals, tracking progress, and reflecting on their achievements. The teacher acts as a facilitator rather than an authority figure, providing guidance and feedback to help learners achieve their goals.

Overall, this approach offers a more dynamic and engaging way to learn physics that is better suited to the needs of modern learners.

Closing



Good Night - The Beatles [Original] (+Video)

396K views · 5 years ago



el perro beetle

TAGS: good night the beatles, the beatles good night, the beatles, los beatles, os beatles, the beatles lyrics, los beatles letra, ...

I hope you enjoyed this book. Grandpa Rick wrote this book through the eyes of Little Ricky. All the background music was done by Little Ricky's brother John.

This journey in life is like a blink of an eye and eternity. When I was young, I thought I had all the time in the world. The older I get, I see that time is slipping by like a thief in the night.

Ponder over this book. I hope you see that the mysteries of the universe are so grand. You are a part of the puzzle of life. Discover your piece of the puzzle inside of you.