

BEYOND SUPERSTRINGS

The Origin of Electric Charge and Magnetic Spin

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Preface

In this book a new theory will be presented which offers answers at dimensions smaller than Planck's length and smaller than the dimensions of "Superstrings".

To find this theory we have to find back a lost path in History. To find back the fundamentals of "Gravitational-Electromagnetic Confinement" which reveals the secrets of light which will take us beyond Relativity and which will describe the interaction between gravity and light in a different way than in General Relativity. A theory that will not be build on existing theories but a theory which will offer new roads to new discoveries and which will reach further beyond "Superstrings" than the roads which already do exist.

To find back the "Holy Grail" of light, the Grail which connects the unseen world with the world we see and experience, the Grail which connects the world before we were born with our daily light, the Grail which reveals that our universe is the inside of a Gigantic Black Hole, the Grail that shows us that we observe on earth the Universe in a very different way than how the Universe really is, the Grail which connects the outer boundaries of our universe with the smallest dimensions inside the "superstrings". The Grail which is limitless because the limits are the boundaries of our dreams, the boundaries of our imagination.

To find the "Holy Grail of Light" we have to go back in time. It will not be found in the modern world of particles and probability waves. We have to go back in the time before "Albert Einstein" and "Niels Bohr". The time when the decision about the future physics had been made at the 1927 Solvay Conference. We have to go back in the time

before James Clerk Maxwell, before his theory of Electrodynamics. We have to go back to the time of Isaac Newton who has been called the last magician of his time.

And on the mathematical foundations, built by Isaac Newton and those before him, this new theory will be build which will reveal the hidden secrets of light. The secrets of Gravitational-Electromagnetic Confinement. And this knowledge will offer the possibilities to go beyond the outer boundaries of our universe and to go to the world beyond “Superstrings”.

This is a non-fiction book. And that means this is not a book where during the whole book will be spoken about the “Holy Grail” and then finally it will end with one or another weird metaphor. This book is real. And the results are real. And the “Holy Grail of Light” will be presented in one single equation (5) (without gravity) or one single equation (5-a) (gravity included).

I have published two versions of my last book which contains much of the work already done to come to the results in this book.

- 1) The Religious Version: “The World Beyond Superstrings”. This book has been written for the Atheists. For the non-believers. For those who do not believe in God, in Allah, in Elohim. For those who do not believe in YHWH. For those who do not believe that there is a life after death or there was a life before death. For those who do not believe in the human soul that will survive every death. For those who do not believe in evil. I have written for you a special book. Because you are special.

Because I do believe that you are so much more than you think you are. You do not want to live in a world filled with lies, fear and fairy tales. And that is because you are a warrior. And the warrior does not sleep in the same dormitory where the enemy sleeps. Because he knows that the enemy will destroy him in the deepest hour of his sleep when he is weak and defenseless. You are the army that will rise when the darkness falls over the earth. You will become the soldiers on the battlegrounds when the war has come. The war between Light and Darkness. The war between Good and Evil. The war between Love and Hate. I will speak to you rough and without mercy. Because you are asleep in the dormitories of your soul and you do not see that your dormitory is already on fire. Yes I am ringing the alarm bells in the middle of the darkest hour of the night and will make every sound that I can, to wake you up from your deep sleep and tell you that the armies of darkness are coming. The Army of Darkness will come like a thief in the darkest hour of the night.

- 2) The non-Religious version: “The Particle Wave Mass Unification” which only contains the mathematical part of my book. This book has been written for them who have found YHWH already and I do not have to speak to them in words they already know.

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The full text is available in PDF format

<https://osf.io/mv35q>

1 Introduction

The world beyond Superstrings describes a world with dimensions smaller than Planck length (1.616229×10^{-35} [m]). Since 1971 Superstrings within the dimensions of the Planck length have been considered the building elements for elementary particles. The question rises: What are Superstrings made of? What is the building material for Superstrings. What are the 10 dimensions? This book offers an attempt to find new answers beyond unknown borders.

To find the new unknown boundaries we have to go back in time. Because when we start with the same mathematical equations, the same knowledge, the same procedures, we will always find the same outcome, the same answers. And soon we will believe that there is only one outcome. The only outcome within the Standard Model where we will find the same elementary particles grounded on the same Superstring Theory.

To escape from the vicious circle in Quantum Mechanics, we have to leave the path of well known physics. We have to leave behind the founders of Quantum Physics. Great scientists like Niels Bohr and Werner Heisenberg. We have to leave behind the safe path of well-known physics. We even have to leave behind the founders of classical physics.

We have to leave behind a very special scientist like James Clerk Maxwell, the founder of Classical Electrodynamics.

And when we walk all alone in darkness, wondering where to go, we have to remember the first beginning of the discovery of light. How a man, half a monk, half a scientist, like Isaac Newton discovered the first principles of the light when he saw the first secrets of light being revealed. When the pure white light was broken through a prism and separated in the colors of the rainbow. Isaac Newton was touched by the beauty of the light as well as in his religious way as well as in his scientific way.

And that is the secret that the world has forgotten. Everything will be revealed to us, when we step down from our towers of power and kneel humble for the beauty of that what has been given to us. Because there is wisdom in beauty. There is knowledge in prayer. And the most powerful wisdom will be given to us out of love. Do not claim wisdom but receive it humble and enjoy the beauty of it.

There is nothing more “non-scientific” in the world than to claim that we have found the “God’s particle”. There is nothing more arrogant in the world than to claim that we have found the theory of everything and that we have framed God into a quantum mechanical box.

But when we make ourselves humble and kneel for the beauty of the world. When we open our heart for the love that is carried by the beauty, wisdom will come to us and answers will be given for free. Doors will be opened. And

we will discover the secrets to open the hidden doors to the unknown worlds.

When we go back in time, back to 1672 when Isaac Newton just had discovered the beauty of light, showing all its hidden colors. And we ask the “hidden world showing the beauty of light”: how can we build a world? We will simply find the answers. And knowledge will be given to us for free. Knowledge beyond Superstrings. Knowledge beyond 10-dimensional spaces.

Because the world is always in balance. Newton’s second law of motions simply expresses the balance in nature. And balance will be our answer. To build a world, we have to build a world in balance. And that is the only knowledge that has been used to build a new theory beyond Superstrings and beyond 10-dimensional spaces.

The discovery journey to this new theory beyond Superstrings will be lonely and dark. Because there will be no guidance from well known physics. Equations have to be reinvented. And the road will lead straight through faith and believe, through manipulation of truth, through political intrigues, through the darkness of the world. But there is always the hope that at the end of the tunnel of darkness, there will be light.

1.1 The Rocks on which Modern Science has been built

One of the greatest Physicists in History is Isaac Newton. There are two Isaac Newtons. The Isaac Newton we do know and the Isaac Newton we do not know. And much of what we do not know or what has been revealed recently about Isaac Newton is what we do not understand. Because our modern mind has become blind for the world of God. And the part of Isaac Newton, hidden for the world, has been presented to the world as a strange obscure alchemistic part. A part that the world should better forget.

Because our modern mind has become blind for God. And because we cannot see God anymore, we cannot hear God anymore, we cannot feel God anymore, we have started to create a God for our own. A God like the Golden Calf in the Sinai.

Our modern mind who tells us that dreams are lies and visions do not exist. Our modern mind who tells us that without scientific evidence the facts become meaningless and are thrown away. According scientific facts that Moses was never with his people for 40 years in the desert and Moses even never did exist. We do not believe anymore in dreams. We do not believe anymore in who we really are. We have forgotten our soul, we have forgotten our dreams and we have started to build our own world. A world build by our own mind.

We have started to throw away our dreams. We have started to throw away our visions. And we have thrown them away only because of a lack of scientific evidence. The modern

world in which science has taken over religion. And the mind has beaten the heart.

And in that world of modern science, there is a part of Isaac Newton that we cannot accept. That part that has been kept hidden for the world. Because that part did not fit into our modern scientific mind. A mind in which Alchemy is a weird strange thing from the middle ages and is definitely not scientific and it is definitely not part of the world of God.

A world in which we have the choice to be Scientific and consequently be Atheist or being a believer and believe in the world that our mind has created for us.

Newton's mind did not exist in either of both worlds. And Newton followed his own path in which he did not reject anything until he found the really meaning of it. Newton followed his own path and in my believe Newton followed the path of the Light. The Light that is as well from this world as from the Spiritual world. The world where we came from before we were born. The world where we will go to after we die. And that world does not fit into our mind. And that is why that world has to be rejected. Or at least has to be hidden for our mind.

Our world of the mind has turned into a prison of our soul. A prison in which dreams and visions are not allowed to exist. A world in which God has turned into a kind of "The Wizard of Oz". A world in which God fits better into a modern version of the Wizard of Oz. In our world of the mind is no place anymore for magic, for spells and movies

like the Harry Potter series which have become the fulfilment of our forbidden dreams.

Because deep in their heart people still know the truth. Somewhere deep in their heart they still can remember how it was in the land of magic. Like Isaac Newton knew that there was more than just only science. He knew that there was more than just the doctrines of the church. And that land of magic was very real. Alchemy had never the goal to transform lead into gold. The descriptions in Alchemy were protections against the merciless punishments of the churches against everything that was against their doctrines. And Lead and Gold were protective symbols for spiritual development.

Isaac Newton had good reasons to keep many of his spiritual writings secret. Because Newton was a scientist who did not accept just only doctrines but he was a man who wanted to know the world behind the doctrines. Because he knew that the world of magic did not always fit into the world that the mind had created. Because his world did not fit into the scientific world and his world did not fit into the religious world of the church. And to protect himself and his family he kept the most of his valuable knowledge hidden for the world.

Newton had built his scientific world, his scientific house on his personal relationship with God. Because there is no other relationship with God than a personal relationship. A relationship that the world of the mind will never understand. Newton had built his house on the rock of his believe.

After Newton the two worlds grew apart. The religious world and the scientific world. Newton was one of the greatest scientists and mystics in his time. The next great scientist in his century was James Clerk Maxwell. Maxwell was religious in a way that the church wanted him to be. But Maxwell had nothing in common with the hidden magical spiritual world of Newton. He was most of all a scientist. And in that way he has developed his famous equations of Maxwell.

Newton has built his house of science on the rocks of his believe. But Maxwell did not build his house of science on the rocks of his believe. He has built his house on the rocks of his own scientific intuition.

And the modern world has built our modern scientific world of Quantum Physics on the rocks of Maxwell. A world very different than the world of Newton. A world without dreams. A world without magic. A world without visions. An empty world. A world build on our own intuition without any guidance from the Spiritual World. A world without dreams. A world without magic. A world without visions. A world without protection. Because without our dreams, without our magic and without our visions we are blind walking around in a land we do not understand. Walking around like Dorothy in the land of Oz. Unaware of the dangers. Unaware of our own powers.

In this book a new theory will be presented in which this new concept in Quantum Physics of the “Particle-Wave-Mass Tri-Unity” has been built on the rocks of Newton. A

science where the Spiritual World is connected to this world where we do exist between our birth and our death. Like it was in the days of Newton. A world that leaves a place for dreams, visions and magic.

Because magic is not anti-God. Dreams are not anti-God and Visions are not anti-God. Dreams, Visions and Magic are anti the God we have created. Dreams, Visions and Magic are anti- the “Golden Calf in the Sinai”. Dreams, Magic and Visions are against our image of God. Because the true name of God is “YHWH” : “I am who I am”. We cannot create God. We can only find God when we throw away all our false creations of God and all the false images of the “God we Want” and open our heart for the truth that is unknown to us. We will not find God in our churches. We will not find God in our mosques. We will not find God in our temples. We will not find God on the Holy grounds we have created. We will not find God in the Holy cities. We will not find God in the Promised Land.

We will find God in the deserts of our loneliness. We will find God when the pain and the sorrow have broken our heart. When all our dreams have been taken away. We will find God when we are crying, when we have lost everything and we are standing alone, weak, vulnerable and naked in the darkness of the night and ask God for help and understand he is our only “The Last Hope”. Beyond him is nothing. Then we will find love and the true mercy of God. And an amazing light of love will surround us. The light that will send the darkness away.

1.2 The Tri-Unity in Science

The presented theory in this book has been grounded on a fundamental mathematical mistake in the famous George Maxwell's Classical Electromagnetic Field Theory with an Impact on General Relativity, Quantum Physics and the boundaries of our Universe.

In this new theory the old concept in Quantum Physics of a mystic relationship between particles, waves and mass will be replaced by a New Unification Theory in which Particles, Waves and Mass are the 3 aspects of the same Origin. The Origin of this Universe. The Origin of this world.

The Tri-Unity in Science. A science where the hundred year old "Particle-Wave" duality in quantum physics has been replaced by the "Particle-Wave-Mass" Tri-Unity. A science build on the theories of Newton.

In the classical Wave-Particle duality, the mass of an elementary particle has been divided by a "De Broglie Wave" (probability wave, material wave), which is a solution of the [Schrödinger Wave Equation](#). The mass of an electron in a spherical orbit in the Hydrogen Atom is divided by a spherical probability corresponding to the mathematical solution of the wave equation.

In this new Unification Theory the Particle, the Wave and the Mass become the 3 aspects of the same origin. A concept in which probability does not exist anymore.

A new concept in which light (electromagnetic waves) are the carrier of the tri-unity in this material world. That light can confine itself and create matter, create our world, create our universe. Light that has the three aspects:

- 1) The particle aspect. When light confines itself through “Electromagnetic-Gravitational-Interaction” a confinement has been created with a sharp suddenly changing boundary layer. An extremely thin boundary layer where the equilibrium between the attractive confining Electromagnetic Gravitational Forces and the repulsive scattering Electromagnetic-Gravitational forces changes within an extremely thin area of the confinement from a resulting confining force into a resulting scattering force.
- 2) The wave aspect. The Wave aspect of light has been discovered first by the Dutch Scientist Christiaan Huygens. Huygens. He published in 1690 the Treatise on Light in which Huygens introduced the Wave aspect of light. An important necessary requirement for the Electromagnetic-Gravitational Confinement of light is that the Confined Electromagnetic Wave has one single frequency , presented in Equation (13). The well-known Quantum Mechanical Effect “Entanglement” is the fundamental evidence that the ”Particle-Wave Duality” is not complete and cannot explain “Entanglement” because of its separated “Particle” aspect. Only the “Particle-Wave-Mass 3-Unity” can describe and explain “Quantum Mechanical