

SEE, — HOW the complexities of **FIELD THEORIES** **HID** from us, the fact that **relative motion** (phase) between all these spinning entities, in the micro & macro universe, gives us all the **attractive and repulsive** **Fundamental Forces**.

Oct-29-2018.

Field Theories in html: <http://rbduncan.com/fieldtheory.html>

Also, **Field Theories** in Word: <http://rbduncan.com/fieldtheory.doc>

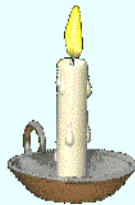
& **Field Theories** in Adobe pdf: <http://rbduncan.com/fieldtheory.pdf> Fitzpatrick's 1966 book showed the **relative motion** laws of A. Ampère unified the forces.

[Fitz's first book in 1966](#)

[Fitz's 1966 book in PDF](#)

EVERYTHING [on these links](#) herein are **FREE**, & **NO** pop up ads with these either.

This was the way the site --below-- looked many years ago. - - Dan Fitz.



A bit of light on

finding an answer to

Einstein's Theory.

Albert Einstein was the first to show us that people traveling at different speeds would all view space and time differently **relative** to their different situations: the **spacetime interval**, however, would not change with those different situations.

All would view the **spacetime interval** as being exactly the

same.

(*Look up [spacetime interval](#).*)

This links space inexorably with time.

We all know that looking back through the Hubble telescope, we are also looking back through time.

Another great theoretical physicist of my day and age was Niels Bohr, who built a gigantic edifice of Quantum Theory on Max Planck's discovery that energy comes in these quantum packages, and the higher the frequency, the higher the amount of energy in each of these quantum packages.

Now it's obvious that both Bohr and Einstein worked intensely on huge sections of this fundamental answer, but they **argued** with each other about which concept was right **instead** of combining both sections of the puzzle to get the right answer.

Incredibly — they both turned out to be right — **in certain areas!**

They were both blinded by the math and rules which, in both concepts of Quantum theory and General relativity, are extremely complex.

Even before you are finished reading this, you will know both Bohr and Einstein failed to see the immense importance

of all this **spinning** in the microcosm and macrocosm. Both, *instead*, put too much trust in their math and its complex rules.

Theoretical physicist Paul Dirac (Nobel Prize 1933) said that one day we would see **an approximation of it all**.

Those who read this page and enough of my others — they are all free — will see this **approximation**: so keep reading and you will see that Dirac's prediction was correct, however, it's an answer that will drastically change things in the present science world.

Neither Einstein nor Bohr thought much about one extremely simple answer: this was a **simple principle** that had long ago been discovered in France, but this French discovery had been totally eclipsed by new electrical devices constructed in England by Faraday and the wonderful field math, supposedly explaining all this, given to us by Maxwell.

Yes, Field theory and Quantum theory may indeed be the cornerstone of science today, but it is not the **foundation of what's really here**: that initial discovery in France **gives** us the **foundation** for the basic forces that build our universe.

This French **simple principle** answer finally was again brought to light, via an entirely different method — *using neither Field nor Quantum theories* — given to us by that renowned Scottish physician Dr. Joseph Bell, who showed us

how to properly analyze things.

Einstein gave us his *Cosmological Constant*, a repulsive force against gravity, long ago when the majority believed this was a static universe.

I lived in those days and have seen things change radically since then.

Nevertheless, some sort of *Cosmological Constant* type repulsive force is there both in the microcosm and macrocosm holding everything vast, vast distances apart.

Even though Einstein gave up on his *Unified Field Theory*, the hope remained for some sort of unified approach to all these attractive and repulsive forces in both the microcosm and macrocosm.

We have **spin**, **spin** precession and evidence of **orbital or orbiting** motion in both micro and macro worlds.

And we have this *Cosmological Constant* type repulsive force, vast distance between everything in both micro and macro worlds.

Our efforts should have been concentrated on finding **exactly why we have** all this **spin** motion and **spin** precession and evidence of **orbital or orbiting** motion in both micro and macro worlds.

Read on, and you'll see that NASA scientist Dr. Milo Wolff has already **discovered why** all that **spin** motion and **spin** precession and **spin** and **orbiting** motion exists in both the microcosm and macrocosm.

Wolff saw **spin** caused these atomic attractions, and we're moving more away from calling them sigma and pi bonds, to calling them resonance structures now.

This is an improvement because they all are resonance **spin** structures.

The term resonant structures may not even be the best way to describe what is actually happening to get an **attractive** quantum bond of energy (*binding energy*).

Look up *binding energy*: read about it.

Why does **spin** give us these individual **attractive** quantum bonds of *binding energy*?

Read this paper to find out: that's the importance of this paper.

A French scientist — Andre M. Ampère — seems to have given us the very best **simple principle** description as to what is really going on as far as **attractions** and **repulsions** are concerned.

This is something **we cannot overlook!**

Yet, our entire science establishment **has!**

You can spend years looking through the entire Britannica or the entire internet, for that matter, and never find the supreme importance of Ampère's Laws that give us **Ampère's simple principle**.

And **here it is !!!**

These are the laws giving all the attractive and repulsive forces between all spinning electrons (both FREE and quark harmonically captured, molecular electrons): this gives the **exact** picture, paramount over what exists in present science today!

* * *

These are also the laws of **attraction** and **repulsion** between every spinning item in this entire universe.

* * *

So, Ampère's Laws give us the reason for EVERY **attractive** and **repulsive** force that exists between the **closest sides** of every spinning entity in both microcosm and macrocosm **in this entire universe**.

These individual forces — *between all these spinning things* — are **all** the forces that exist!

Ampère gave us the **PHASE** foundation of **Phase symmetry**

that paints the best picture of these forces.

* * *

It's only the **PHASE** difference **between** the **closest sides** of every spinning entity, in our universe, that determines all the fundamental forces!

There are **NO** other fundamental forces!

These are the building blocks of our universe!

Einstein looked for these, but never found them!

This may be hard to believe, but it's true.

Nothing in our present science has prepared us for *anything* like this!

But given enough time, we finally have the answer.

* * *

Coming up, you will see Einstein's exact words with his **warning in blue**, about believing in modern physics.

Ampère's Laws give us — a unification of micro & macro universe forces — via a simple model that mathematician Stephen Wolfram said we need to use if we want to

understand our complicated universe.

And as Stephen Wolfram also pointed out, you need that **true**, simple building block model BEFORE you attempt any math.

Here's **Ampère's simple principle** building block model:

Ampère showed us that when an electrical current was put through two parallel wires in the same direction (**in-phase**) then those two wires would **attract**.

Ampère also showed us if electrical currents went through those parallel wires in opposite directions (**out-of-phase**) then those two wires would **repel**.

I can only give you this **Phase foundation** — of what is really going on — in this short internet paper.

What is really going on is **Phase symmetry**, and the difference between that and what the establishment believes, **is the difference between night and day**.

So, read my other papers too: that's important!

If these **laws Ampère gave us** are seen as **Phase symmetry** laws then they explain magnetism, AC & DC electric motors, and the entire microscopic particle world *including gluons*

far, far better than Maxwell's field theory ever could. **Phase symmetry** even explains, *believe it or not*, Gravity. And it explains precisely how *Quantum Entanglement* works as well. **Phase symmetry**, therefore, not only unifies the forces, but *finally* also shows us exactly what (spacetime) really is.

To find what builds this universe, **Milo Wolff** **ELIMINATED all** these things that only worked in one spacetime realm.

If you want to see how this entire universe works then rid your mind of forces like GRAVITY, because it is a SUBSET FORCE that can't be used in the microcosm.

Also completely forget about plus and minus charges, magnetism with its north and south poles, and the worst to clutter your mind, is the highly complex math and rules of both Field and Quantum theories.

You only use their math and rules when you know you absolutely CAN use them.

Remember, Kurt Gödel warned us that with math proofs of **subset** models/rules, you might be proving that these things were **universally** WRONG — not right.

All the math in the world is useless if you try to use it with the wrong **subset** model: Bohr and Einstein did exactly that and failed.

First — You've got to get to the bottom of what's really going on in this entire universe! *Only then* will you finally have a **universal** model that you can use in both microcosm and macrocosm!

Dr. Bell taught us, we can't overlook ANYTHING when trying to get to the bottom of what's really going on.

You only get to the bottom of this by finding what causes the forces **BETWEEN** all these **spins!**

Everyone overlooked all this **spin** in both microcosm and macrocosm!

And the only thing common BETWEEN all these **spin** frequencies is **PHASE**.

Therefore the only **true building block model** for this entire universe is **PHASE!**

Yes, the answer was as simple as that!

It was right there in front of everyone and they all missed it!

Stephen Wolfram **proved** that the **true building block model** **must** come **BEFORE** the math; here's his book FREE: click the link and read it. <http://www.wolframscience.com/>

Quark harmonic capture of electrons makes about half the electrons captured molecular electrons, but the other half remain FREE; this, in turn, gives us a microcosm spacetime

realm far different from the macrocosm spacetime realm: this gives the microcosm more attractive forces than repulsive forces.

Whereas in the macrocosm, attractive and repulsive forces are more equally balanced.

This is one of the reasons for the failure of Einstein's *Unified Field Theory*.

So you must **especially eliminate field theory** — *in which the math and rules* — give problems even when restricted to only **one** aspect of **one** spacetime realm, but don't take my word for it: read Einstein's *exact words* in **blue** below, that he gave us in 1954, warning us about field theory.

*"I consider it quite possible that physics cannot be based on the **field concept**, i.e., on continuous structures. In that case, nothing remains of my entire castle in the air, gravitation theory included, [and of] the rest of modern physics."*

All Gauge theorists know you cannot exceed the local gauge parameters with one set of math or rules.

But if you use **Phase** then you most certainly can. And that is the beauty of using Ampère's Laws.

You jump all the restrictions imposed by today's math and subset rules because, as **NASA scientist Dr. Milo Wolff**

showed us, this is a frequency universe not only in the microcosm but all throughout where **Phase** works the same way all throughout.

Even without computers, by simply using the concept of **Phase symmetry**, we can finally see the **big picture** of what is really going on in our entire universe.

My good friend Milo Wolff, is no longer here. Milo's sites are gone now too. I'm glad to have known Milo Wolff.

Milo saw a few things Einstein didn't: he saw this as a **scalar**, spinning, standing wave universe all throughout. I have the books he published, and I sent him mine.

Milo knew that all these spinning entities, in both micro and macro worlds were essentially **scalar** and only gave us binding energy *via the in-phase binding* of their spins and orbits or orbitals: he called this his minimum amplitude principle.

Milo saw all these **bindings** connecting us to the rest of the universe: luckily I saved the following from him.

Thursday, July 17, 2003 "It is impossible to even imagine our existence without the rest of the universe. We, Earthlings are totally deluded by our self-centered concern with our Earthly affairs that blind us to the reality of interconnection of the whole universe."

Milo was also adamant that while ordinary standing waves could exist on wires and in circuitry, that only **spinning**, standing waves could exist in free space.

After working on radio transmitters, and eliminating standing waves a good part of my life, I knew he was right on top of things in that area.

I felt it best to let my First Class Radio License, P1-7-4087, with RADAR endorsement expire, because renewal requires your signature attesting you still are working in that field. I still have my Pilot license and Airplane and Powerplant licenses in America and Panama. Looking at them brings back many memories.

But the best memory was that Milo Wolff showed us that **standing waves are the reason for all this spin** in micro and macro worlds.

Milo showed us this is a frequency universe containing spinning, standing waves, that we see as mass.

We know that the red, green and blue eye cones in our eyes are precisely tuned in to receive energy quanta, in energy sizes of small to large, of Planck's Constant (h) of the various range of colors from red to violet respectively.

So, if Milo Wolff was right and this is a frequency universe all throughout, then we would only be viewing frequencies in

the sound range, radio range, color range and higher (microcosm) as frequencies. Everything much, much lower in frequency than we are tuned to — the macrocosm — we would see as something else.

To me this makes a great deal of sense, because it's exactly what we are seeing.

Things with the slowest spin frequencies like galactic clusters, should appear to us as the longest wavelength or largest, **same as in the radio world**: for me, that was the clincher!

I saw what Dr. Milo Wolff was saying that *"This was a frequency universe all throughout"*.

If you look at energy transfer via Milo Wolff's binding concept, then you will see the relationship between binding with the surroundings (stars) and internal binding; the production of a **quantum of energy** is gained after a binding **first** with the surroundings and then that same electron switches a bond FROM the surroundings to an internal bond: an example is green light from a star, at 5,000 Angstroms in wavelength (color mid-range), where electrons in our eye cones are cycling bonds between electrons on that star, and us, at the rate of 600 trillion times a second (600 THz).

Only **ONE** of those cycling **infinitesimally short period bonds** is a quantum of **green** light.

It takes only about 8 or nine of these quanta cycling bonds before your eye sees the slightest bit of **green** light.

Even if mankind is still here a thousand years from now, it is doubtful that they will be able to produce anything as sensitive to radiation — *in such a broad band of frequencies* — as the human eye.

After computers accurately emulate, mathematically, the functioning of all this, then **Phase symmetry** will give us a better picture of reality than present science.

What this means — dear readers — is that if we shift our human and computing resources away from today's science beliefs, and completely to **Phase symmetry**, then we can solve every attractive or repulsive force between **EVERYTHING** in both the microcosm and macrocosm throughout this entire universe.

The results from this will also show us, **then**, exactly why our predecessors so earnestly believed we had things producing universal forces that we called gravity, magnetism, plus and minus charges, north and south poles, centrifugal force and other type forces and force producers.

The majority of scientists still firmly believe these are universal forces and not subset forces, but that will change once astronomers discover that similar size binary stars are all **spin up-spin down**, with their closest sides **in-phase**,

exactly like the two electrons in every helium atom.

All **attractions** and **repulsions**, of EVERYTHING, can be accurately and mathematically explained purely via **Phase symmetry**.

Let's take a good look at what Ampère showed us almost two hundred years ago: I've had the following paragraph on the internet for about five years.

Copied from Encyclopedia Britannica DVD 2013, "... Ampère immediately set to work developing a mathematical and physical theory to understand the relationship between electricity and magnetism. Extending Ørsted's experimental work, **Ampère showed that two parallel wires carrying electric currents attract or repel each other, depending on whether the currents flow in the same or opposite directions, respectively.** ..." (My bold lettering)

If you look up "Ampère's laws" on the internet today you will get electrical laws quite unknown to Ampère. Yes, Ampère was the first to equate the forces associated with these laws you will find on Google, but Ampère did his calculations with long wires; he didn't even know about electrons. There was no such thing as voltage or amperage back then. Current flow (amperage) is named after Ampère.

Half a century ago Scientific American published a good account of Ampère's long wire laws. I remember reading it

like it was yesterday. Part of it went like the aforementioned Britannica statement or something like the following:

Ampère discovered that whatever was coming out of his batteries, when put the **same** direction through two parallel long wires made those wires **attract** each other.

If this substance (later found to be electrons) was put through these long parallel wires in an **opposite** direction, in each wire, then these long wires **repelled** each other.

So basically what Ampère gave us was a simple relative motion law.

But you'd never know that — *or even believe that* — if you looked up "Ampère's law" in a search engine. **Try it. You'll see!** And this is the big problem today, getting the right facts, when the Faraday-Maxwell field rules and field math are used to make Ampère's laws so confusing.

They made it so confusing that even the Britannica got it wrong, and evidently because of this confusion, none of the world's science experts noticed Britannica had it wrong for 5 years.

Why complicate something that's so simple?

You **must** see Ampère's laws as simple "PHASE" laws. If the current through two parallel long wires is moving the same direction or "**in-phase**" then these wires will **attract**. If

the current through these two parallel long wires is moving in opposite directions or "**out-of-phase**" then these two wires will **repel**.

If you see Ampère's laws this way then Ampère gave us the initial concept of **Phase symmetry** which is exactly what Einstein looked for his entire life. This **simple model** called **Phase symmetry** unifies all the invisible forces.

Mathematician Stephen Wolfram said, "Math can explain simple things, but a **simple model** can explain a complicated universe."

Phase symmetry gives us the "**phase**" **simple model** answer to a Theory of Everything: [Ampere's Laws - that apply to SSSWRs](#)

What is absolutely astounding is that **Phase symmetry** not only simplifies but clarifies this entire complicated universe in both the microcosm and the macrocosm. It's utterly amazing!

Quantum Theory is slowly moving in the direction of **Phase symmetry**, but it's not moving, *anywhere near*, fast enough because the complex **math & rules** of Quantum Theory **totally obscures** the simple reasoning of what's really going on.

The following **Phase symmetry** simple explanation — **is an example** — explaining why we have the Minkowski Light

Cone.

Spacetime is *nothing more than* — various **out-of-phase repulsive** forces — therefore neither space nor time is continuous. Heed *Einstein's warning*. It, like energy, is in quantum pieces through which exist wormholes.

When an electron in your eye **binds in-phase** with an electron on a distant star, to give you a quantum of light, there is **NO** spacetime whatsoever between the **closest sides** of those two, spin up - spin down, **binding** electrons — with their closest sides **binding in-phase** — even though much spacetime exists between you and that distant star.

So **Minkowski's Light Cone does indeed exist, after all!**

To learn exactly **WHY** we have all these things, you will have to learn what it's taken me many years to learn: It's all **FREE**. Click the links at the end of this.

Even though this firm belief in fields have given us some spectacular insights, such as Einstein's General Relativity, **Phase symmetry** makes it crystal clear that field theory has also prevented us from seeing the big picture of what is really going on.

If we have done what we have with these half baked rules of science that we have now, just think what we will be able to do once computers are fully programmed for these true

science **phase** laws.

I haven't covered many of the **rules** of **Phase symmetry** in this paper. They are **far different** from anything we are presently using, so you will have to do some more reading to see these **new rules**.

Links to read all about these *different* **new Phase symmetry rules** are on this internet paper.

We have more than half a century of **Phase** knowledge dealing with electric motors and other multi-phase devices. As more mathematicians play their part in all this, then **Phase symmetry** will be light years ahead of what I've written in all my books and many internet papers.

"Someday we'll understand the whole thing as one single marvelous vision that will seem so overwhelmingly simple and beautiful that we may say to each other, 'Oh, how could we have been so stupid for so long? How could it have been otherwise!' " (**John A. Wheeler - theoretical physicist**)

How true!

How true!

Phase symmetry ends up with the inverse square rule, the same as field theory, but obtains it a different way with **impedance matched, resonant quantum bound pairs** and the Milo Wolff limit (*Hubble limit for the electron*).

The Milo Wolff limit is needed with all these **impedance matched, resonant bonding pairs** because these bonds **do not lose any of their strength with distance**:

This is why your eye receives full quantum packets of energy no matter how far a star is in the distance.

This is a **fact** that even the establishment believes.

It seems to me the French Nation should be proclaiming that one of their scientists has done what Einstein failed to do, and has given us the very simple concept — of not only **unifying both micro and macro worlds**, but also **unifying all the invisible forces!**

It all boils down to **Ampère's simple principle**.

This is the simple concept **that Einstein was looking for!**

This PAGE DATE: July 10th 2018.

THIS PAGE in htm: - <http://amperefitz.com/answer.htm>

Also THIS PAGE in Word: - <http://amperefitz.com/answer.doc>

And THIS PAGE in Adobe pdf: - <http://amperefitz.com/answer.pdf>

7/7/2018 GYROSCOPE in html: - <http://amperefitz.com/gyroscope.html>

Also GYROSCOPE in Word: - <http://amperefitz.com/gyroscope.doc>

And GYROSCOPE in Adobe pdf: -
<http://amperefitz.com/gyroscope.pdf> Also see [DPF Jr](#)

7/1/2018 COLORS in html: - <colors.html>

Also COLORS in Word: - <colors.doc>

And COLORS in Adobe pdf: - <colors.pdf>

See: [Phase symmetry makes quantum theory more complete. 12-02-2013](#)

Phase symmetry makes quantum theory more complete.
12-02-2013 also in Adobe.pdf - <phase.symmetry.pdf>

For the LATEST Click: <http://www.amperefitz.com>

or <http://www.rbduncan.com> which was really the very first web page showing us what was actually going on in our universe.

And of course - click these following links:

<http://www.rbduncan.com/toprule1.htm>

AND 4 Decades of Fitz's papers:

[4 Decades of writings of Daniel P. Fitzpatrick Jr.](#)

Anyone may copy and paste this complete presentation to their web page providing they paste it in its entirety.

Daniel P. Fitzpatrick Jr.

July 10, 2018

If any of your work seems to correlate to my findings then please write to me at:

Daniel P. Fitzpatrick Apt. 314

Belmont Village

4310 Bee Cave Road

West Lake Hills, TX 78746

Send me your e-mail.