

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](#)



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



A bit of light on an

Expanding Universe

These important papers, by Fitzpatrick, brought to you **free** by R.M.F. founder of [MAGPUL Industries](#).

This is a
needed, explanation

of an

Expanding Universe

In this is a PROOF that Inertia is a connection to ALL the surrounding stars.

So if this is an Expanding Universe then Inertia should be decreasing as this universe expands.

"A foolish faith in authority is the worst enemy of truth." **Albert Einstein**

The present science, authority, can only explain 25% of the mass in this universe.

DARK MATTER mass — 75% of the mass in our universe — comes from something else that our present science authority doesn't seem yet to understand, and you must comprehend this is a HUGE problem.

You'll see why **field theory**, and some especially **bad myths**, have prevented us from seeing the BIG PICTURE. I'm certain that field theory has a role to play solving problems **after** the establishment finally sees what's really going on.

But that, I believe, may take considerable time.

This is because even scientists have a hard time giving up things they firmly believe.

Einstein, unfortunately, used the field concept all his life, to see the BIG PICTURE, but then in 1954 about a year before he died, he said this: ***"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."***

This explanation of an "**Expanding Universe**" is correct, and Einstein turns out to be absolutely right about ***the rest of modern physics*** too.

This universe is **not** built in a consistent enough way to use field theory to see the BIG PICTURE. Only **after** we learn more about those forces, can the field concept be applied. I've proven this in internet papers you can get free by clicking those links at the end of this internet paper.

Stephen Wolfram has proven, that we need the basic **simple model** — that builds this universe — first, even **before** we start on any math.

You need to see the BIG PICTURE of reality — of ***what's really going on in our universe***.

HERE: read mathematician, Stephen Wolfram's best selling book "*A New Kind of Science*". It's free: [Wolfram'sBook](#)

He proves, that for a complicated universe, you need its basic **simple, building model FIRST**. You do the math, **after you see the correct model**. Unfortunately, our present science hasn't yet given us the correct model.

Stephen Wolfram has proven, beyond any doubt, THE MATH HAS TO BE DONE **EVEN LATER!**

In this internet paper, you will be getting very close to the needed **science model**.

We'd be further advanced in science if the establishment had listened to the warnings of both Edwin Hubble and Albert Einstein. I gave you Einstein's warning and the **blue words** below are what Hubble said.

I recently heard a well known cosmologist on TV saying, "Hubble discovered the expanding universe." **That simply isn't so.** Edwin Hubble discovered the "Red Shift", yes. But Hubble himself warned us that **the Red Shift may NOT indicate an expanding universe** with these words: ***"The possibility that the red shift may be due to some other cause, connected with the long time or distance involved in the passage of light from the nebula to observer, should not be prematurely neglected"***.

Did the establishment listen to Hubble or Einstein?

NO!

So keep reading to see how this all fits together.

Quite a few have 'seen' all this over the years but **NOT YET** most in the establishment, wherein most are not even **trying** to find a better science vehicle: they are like Henry Ford who for years kept saying — as others built better and better cars — "No one needs anything better than a Model-T."

The American establishment, like Henry Ford in his later years, is still 'Asleep at the Switch'. We cannot use the field concept 100% of the time, in this universe, to represent forces that we don't truly understand! It was 1954 before Einstein saw this, and more than a decade after that before I realized it.

NOW

comes the

IMPORTANT PART

Edwin Hubble discovered the **red shift**. The further out we look at stars the more their color is shifted **lower** in frequency, or shall we say, toward the color red *which is the lowest visible frequency*. Speed, *relative motion*, and special relativity are all involved here **before** we can see such a **red shift** lowering of that distant star light frequency. So here's where you really have to pay attention to what is going on.

Now I'm going to use Stephen Wolfram's simple model approach to explain a bit more about the **red shift**.

Frequencies respond to *relative motion*: Ampere showed us that. The electrons in your eyes that give you the sensation of light are spinning in a certain direction but the earth is spinning in another direction and the solar system in another and our galaxy in another and the galactic cluster that we are in is spinning even in a different direction. Even though you are not **sensitive** to these

spins in five different spin axes, the spinning electrons in your eyes most certainly are. While you *improperly* see yourself as stationary with the sky, the spinning electrons in your eye respond *only to* all this spin induced *relative motion* that increases the **red shift** the further you look out into space.

Because of the spin in these five different spin axes, *the further you look*, the **more** your eye electrons detect a faster and faster *relative motion* or **red shift**. It's as simple as that really.

All that *multiple spin axes* spinning exists! Neither you, **nor those spinning electrons in your eyes**, are stationary with the sky! The **red shift** is that *relative motion* detected between **electrons in your eyes** and the various distant stars!

Hubble got it right, with his warning!

And you will see Hubble got it right if you keep reading.

This next paragraph is of supreme importance. Read it several times.

The *relative motion* **red shift** aspect between your eye electrons and the distant stars **is the same** whether the distant stars actually go around the electrons in your eyes or the electrons in your eyes spin in relation to them: **this is an important fact!**

The spin is there; therefore the *relative motion* is there and the further you look out into space, the faster the star's

relative motion is around your eye electrons, **and the establishment forgot all about this *Relative Motion due entirely to SPIN!***

And the most important **SPIN** they disregarded was the spin frequency of the spinning electrons in our eyes!

You will get the **red shift two ways**: we see it if those distant stars are either going **AROUND** us or **AWAY** from us fast enough. The establishment picked **AWAY** from us, **wrong pick**, when they should have seen the *relative motion* **AROUND us**, including the spin frequency of the electrons in our eyes, compared to the distant stars, was really fast enough where the role of special relativity kicks in!

The electron spin frequency remains the same for all the colors, but **ONLY** violet light is produced when the spin planes of both transmitting and receiving — *impedance matched* — electrons (spin up - spin down) are in the same **EXACT** spin plane. All other colors are produced via **PARALLEL** spin planes with parallel spin axes.

Now here's the *piece de resistance*: The frequency of violet light is 780×10^{12} times a second. So the electrons in our eyes must be spinning at a close harmonic of this 780 THz frequency.

EACH SECOND those electrons in your eyes rotate *at some harmonic of 780 trillion times a second*.

NOW all you mathematicians can measure the distance to the various red-shifted stars and multiply each of these

distances by 3.1416 (π) and then multiply this by — various lower harmonics of 780,000,000,000,000 cycles per second, to eventually get the correct frequency the electron spins at — which will be the ACTUAL speed of the Doppler effect red-shift of those distant stars **relative motion AROUND** the electrons receiving the light from those stars.

Someone will eventually do that simple math and get 100% of the red-shift seen for each star, whatever its distance.

No Expanding universe needed!

In fact, when this math is done by enough mathematicians for enough stars, then we will get the final PROOF of not only the RED-SHIFT, but also of the correct *spin to frequency ratio* of the electron.

AWAY from us, the **wrong pick**, would mean an Expanding universe, but the correct assessment of AROUND us means **we live in a Steady-State universe**.

Those who believe in **WRONG** concepts will never arrive at **CORRECT** answers, even if they are in the vast majority.

And this **WRONG** pick of the stars going AWAY from us prevented the establishment from seeing that it's this **spin** that gives us this spacetime, which the establishment **failed to recognize** as spacetime.

They saw the time involved but missed the space involved so they invented new fictitious expanding universe space.

Once an expanding universe is accepted, by the establishment, then any balanced, steady-state universe concept will be seen as simply radical! **And indeed, this is what has happened!**

Also, scientists **failed to recognize the space involved as space**, because viewing it as various spin frequencies makes us see spacetime as time and **not** space. It's only after we **discard the spin frequencies view** of all these things that we can view this **ENTIRELY** as space. This — **difference in viewing** — is EXACTLY why we see space and time as distinctly different entities even though they are both produced as spacetime via the same out-of-phase forces.

However, we still need to know **WHY**, in special relativity, is time related mathematically to one side of a right triangle, space to the other side and spacetime to the hypotenuse?

Not only does modern science need re-thinking, as Einstein foresaw, but also with this internet paper, these distinct entities that we think we see, called space and time also need now, to be considered in an entirely different light: those two things are really only **one** thing — as all relativity mathematicians know — and that is **spacetime**.

Einstein's special relativity comes into play here because time slows down with a faster speed. The electrons in your eyes not only see this faster *relative motion* speed, of those stars going around you, but also the **time**, of those distant stars, *in relation to you* is **slowed down**, thus your eye gives you more and more **red shift** the further out into this universe that you look.

In troubleshooting, never forget that the high spin frequencies of electrons and quarks both respond to *relative motion*! The establishment knows all that multiple spin *relative motion* is there but they forgot about it and didn't listen to **Edwin Hubble's warning** about prematurely giving the wrong answer to the **red shift**.

Once you know something like this, that the establishment doesn't, then that puts you way ahead of the mob in troubleshooting. So, to stay ahead, in this game, you must not only see what frequencies see but **you also must eliminate the "myths" that the other guys still believe in.**

Here, I *continue* with the establishment's myths:

INERTIA stems from an **attraction** to the surrounding stars. But you will soon see that this is the TRUTH, and not a myth.

Pay attention to this **proof** that our Inertia stems from an attraction to the surrounding stars:

Proof of this inertial **attracting force** to the surrounding stars is the fact that gyroscopes, pendulums, vibrating elements and Helium-2 all have the same one complete

rotation in one sidereal day, which is **23 hours 56 minutes and 4.0916 seconds**. This rate of rotation is termed "**Earth rate**": this is the exact rate (or time) any stationary (relative to the "fixed stars") observer in space, would see this Earth make one complete rotation.

You can VIEW this "Earth rate" using a gyroscope.

Many times I've set the axis of an aircraft vertical gyro up at noon time with its axis pointing straight up at the sun. When I came back to it at 5 PM, its axis was tilted west, still pointing to the sun that was setting in the west. It looked like it was following the sun but its rotation was a bit faster and really following the stars.

It's important, considering what comes later, that you remember this absolute PROOF that our **inertia is a connection to the surrounding stars**. So read this PROOF again if you didn't completely understand it.

The next paragraph explains why the stars seen at night, directly above, in winter are not the same stars seen, directly above, in summer nights: the **difference** between a 24 hour solar day and a sidereal day **add up**, after 182 days, to give the exact opposite stars overnight in summer as in winter.

EXTREMELY IMPORTANT: One sidereal day, also known as "Earth Rate" or 23 hours 56 minutes and 4.0916 seconds, is the rate the stars make one complete rotation, as we see them going around us.

In our industrial system I've talked to men, directly in charge of people working on highly sensitive gyroscopes, who didn't know this nor did they care about electron spin direction. I showed in 1966 that electron spin direction gives us an essential part of the big picture.

You saw that the **inertial gyro "Earth rate" precession of 23 hours 56 minutes and 4.0916 seconds** is proof that our inertia depends on the stars. If we had an expanding universe, then with the stars moving further and further away, ***inertia would be getting less and less with time.***

But it isn't! It's the same EXACT amount it was a hundred years ago!

Since Inertia isn't getting less and less with time, then **an EXPANDING UNIVERSE is a myth!**

Not only does "Earth rate" prove it's a myth but so does [Phase Symmetry](#), because in this concept there is an important "**CRITICAL SCALAR* BALANCE**" with no possible present expansion, but having said that, I fully see, and you should too by now, *if you have paid attention to all of this*, also see **the reason** the establishment thinks it is an expanding universe: so in this game you must understand the other person's mistaken religious beliefs! And, in this way, you come out way ahead!

I'm not calling these people liars but I do have a responsibility of pointing out to you, those who **don't tell us the truth.**

Earlier you saw the absolute PROOF that **Inertial "Earth rate" gyroscopic precession** shows inertia is a connection to the surrounding stars and since inertia **isn't changing** (weakening with the expansion), then an Expanding Universe **is a myth**.

Not everything can be tested this easily.

But, as you saw for yourself, an expanding universe **can** be tested.

And it failed the test!

You can see from my PROOF that these people telling you about an expanding universe have a **mistaken pseudo-scientific religious belief**.

Yes, as previously stated, those who believe in **WRONG** concepts will never arrive at **CORRECT** answers, even if they are in the vast majority.

Will the establishment look at this proof that we are really in a steady-state universe? **Absolutely not!** Years from now the idiots on TV will still be proclaiming that "Hubble discovered the Expanding Universe."

It can be proven, mathematically, that we are LIMITED in measuring expansion, to cases where *relativistic* space doesn't change. You are vastly exceeding that LIMIT when you say this entire universe is expanding, so let's simply say those people telling us about an expanding universe just aren't telling us the truth. And there is an awful lot

more about present science where this truth is lacking too, but I don't have room for all that in this.

In selling you an expanding universe, that doesn't exist, fictitious **DARK ENERGY** is needed. So while **DARK MATTER** is really here, FICTITIOUS **DARK ENERGY**, supposedly causing an expanding universe, isn't.

So this **DARK ENERGY**, causing an expanding universe, is another **MYTH !!!**

A **SCALAR* BALANCE** of this entire universe, of **scalar**, spinning, orbiting, standing wave frequencies, is something that NASA scientist Dr. Milo Wolff repeatedly tried to illustrate in his publications, unfortunately the present science establishment never caught on to the importance of this, especially in regard to energy transfer.

While each individual energy transfer seems to be a **vector** force, these transfers are **all** in a direction, considering the surroundings, where all of these energy transfers are an attempt to give a better **SCALAR* BALANCE** to these spinning, orbiting entities in the much larger (lower frequency) surrounding universe.

This is so academic that people who don't see this should not even consider themselves as scientists.

Back in 1950, while Einstein was still alive, I ground & polished, to a perfect parabola, a 6 inch telescope mirror for Linden High School and after I graduated, I gave them all my radio equipment that I had for my amateur radio station W2YDW. I knew, at that time, if our present

science was absolutely right then we should be getting right answers **ALL** the time and not simply a fraction of the time.

In those days I listened attentively to everything Einstein said, but even then I saw if quantum theory was right, then field theory had to be questioned. I couldn't understand why it was the reverse with Einstein, where he fully accepted field theory but claimed quantum theory was not complete. It wasn't until 1954 that Einstein reversed course. I'll have to look back through my own papers to see precisely when I finally saw the error of believing we could use the field concept to get the BIG PICTURE of how to unify the forces.

Today, I consider myself very lucky indeed to have lived in those wonderful days and to have had over four score and 4 (84) years, of good health, and to have found out **exactly** why — using field theory — we haven't been getting **ALL** the right answers **ALL** the time.

And the reason for that is, we haven't been considering **ALL** the various, entirely different forces by using the field concept. **So let's forget the field concept along with that MYTH of an expanding universe.**

Also forget the myth of Dark Energy that the establishment had to dream up to explain the Expanding Universe myth.

There are spinning electrons in your eye that are set up to quickly shift *in-phase* binding between binding with electrons on that star and then shift back to closer *in-*

phase binding with other electrons in your eye giving you a quantum of light energy, every shift. At the instant of transfer as the electron on the star transfers this quantum of energy — *the star in the higher energy level instantly replaces it* — and few today realize all energy transfers work exactly this way.

Every time your eye electron binds *in-phase* with an electron in the star, via "Quantum Entanglement", it gains a quantum of inertial mass (*equal to a quantum of energy*). When it shifts back to closer *in-phase* binding with your senses, then you receive this quantum of light energy. There are many of these electrons in your eye first gaining mass by *in-phase* binding with the stars then shifting that energy to your senses by *in-phase* binding back locally with electrons in your senses — *and doing that over and over again* — many thousands of times per second.

Keep reading that above paragraph until you understand that it's ***in-phase*** binding with the stars that gives Inertial mass and this changes to energy via the release of that ***in-phase*** star binding to ***in-phase*** binding with local entities. And this, mass to energy ***in-phase*** binding shift, works between distant and close quarks as well as between distant and close electrons.

Einstein showed you space could be distorted. I'm showing you that space exists because of out-of-phase forces. And it's not simply space; it's spacetime because as we look through the Hubble telescope into space, we also are looking back into time.

Space (spacetime) is not uniform nor is it empty: it's built of quantum chunks similar to energy. Except each spacetime quantum chunk is an out-of-phase repelling pair, the exact opposite of an **in-phase** binding energy pair. Electrons and quarks that bind find a "wormhole" through those quantum, repelling pair, chunks of space.

There is a 50% chance these spinning, standing wave entities can be either in-phase or out-of-phase together. This give the *possibility* of the **total energy** of all the IN-PHASE **attractive force** binding quanta in this universe equaling the **total energy** of all this OUT-OF-PHASE, **repulsive force**, spacetime structure of this universe.

* * *

In my 56 page [Dark Matter paper](#), and in my other internet papers, I've given a very good picture — **better than anyone has yet** — of the structure of **all** these IN-PHASE attractive and binding energy forces, how they work, and why field theory cannot be used to unify them.

* * *

I've also shown how all these out-of-phase entities give us spacetime (space), but it is this OUT-OF-PHASE spacetime structure, containing Dr. Milo Wolff's **scalar**, spinning, standing waves, that still eludes us in perfectly explaining the cause of what we see as space and time.

Even though we now have the big picture, the exact linkage model of these out-of-phase **repulsive forces**, along with these spinning, standing waves, is somewhat

yet an enigma. However, I've shown **WHY** we see this entire spacetime assembly as the individual components of space and time, thereby unwrapping some of this mystery wrapped inside an enigma, but more needs to be done. All scientists should be working on this mystery/enigma now: few are.

Now, thanks to Dr. Milo Wolff — who taught me much — and also to Stephen Wolfram — who made me work harder — "**phase symmetry**" is the best model or BIG PICTURE of our universe that anyone has so far published.

You saw, part of the picture, herein that **phase symmetry** tells us what General Relativity tells us. But by reading my other books and papers, you'll see even more: **phase symmetry** shows us why mass can be converted into energy and why energy can only be delivered in quantum sized amounts. Also **phase symmetry** shows us what inertial mass really is and how Ernst Mach was right: surroundings are very much involved. **Phase symmetry** shows us why we have centrifugal force. It shows us why we have gyroscopic action and it does a much better job of explaining all these things than present science does.

This PAGE DATE: November 20th 2017 [DPFJr](#)

This page in htm: - [expuniv.htm](#)

Also this page in Word: - [expuniv.doc](#)

And also this page in Adobe pdf: - [expuniv.pdf](#)

Here's one on June 12th 2018 telling about a Britannica mistake, but half way through is a most interesting dissertation on how our eyes see **COLORS**.

Britannica in html:

<http://rbduncan.com/britannica.html>

Britannica in Word: <http://rbduncan.com/britannica.doc>

Britannica in Adobe pdf: <http://rbduncan.com/britannica.pdf>

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

P.S.

Another better, longer treatise on all this is "**A bit of light on Dark Matter**"

"Dark Matter" in htm: - [darkmtr.htm](#)

Also "Dark Matter" in Word: - [darkmtr.doc](#)

And also "Dark Matter" in Adobe pdf: - [darkmtr.pdf](#)

To keep this page short I had to leave out many more interesting things, but you will have to click on the following links and spend a lot more time reading to see those.

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

[*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 this following link:

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

AND 4 Decades of Fitz's papers:

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

Daniel P. Fitzpatrick Jr.

November 20, 2017

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

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