

# One, two, three -- **General Relativity**

Vitally important in **General Relativity** is the concept of a homogeneous and isotropic universe that produces a certain, definite **average** amount of space between all the items therein.

There is no such thing as force in the tensor math of **General Relativity**. Greatly simplifying things in **GR**: there is more space than **average** -- between two items -- that have a repulsive force between them and there is less space than **average** -- between two items -- that have an attractive force between those same two items.

This is not only true in the tensor math of general relativity but it seems also be a true axiom that **any** force -- between two items -- (even in the microcosm) can be seen simply as more or less space than the **average**, the same as in **GR**. I showed how both magnetism and charge could be thus seen in 1966 in my first book: <http://www.rbduncan.com/page1.html>

We also can conclude, from **GR**, that the basic building blocks producing force also produce space. But what are these?

We know the electron spin frequency produces magnetic force. We know the orbital frequencies do too but these all seem to get pretty much cancelled out, in each atom or molecule, by electrons orbiting in the opposite direction. However, that does not diminish the importance of these orbital frequencies because this **out of phase** relationship between all these orbital frequencies of the electron seem to be producing what we see as **our average space**.

As electron spin frequencies produce the magnetic force, the quark spin frequencies are producing the strong force.

We need to talk about Einstein's **Special Relativity** too. **Special**

**R**elativity must only be used within those **S**pecial situations in **average space** where there are absolutely no forces of any kind. Within these parameters the **spacetime interval** (the hypotenuse of the triangle) stays the same while the other two sides of the triangle (space and time) can indeed vary.

If you can understand all of the above then you have a good basic comprehension of what our best scientists also comprehend.

You can learn even more by reading:

<http://www.amperefitz.com/acceleratingexpandinguniverse.htm>

And <http://www.amperefitz.com/assymfree.htm>

See this short, clear picture: <http://www.amperefitz.com/principle-of-equivalence.htm>

Also <http://www.amperefitz.com/aphaseuniverse.htm>

And <http://www.rbduncan.com/schrod.htm>

There's a lot more too.

And this you can find out by buying my latest book **Universities Asleep at the Switch** at Amazon.com or by reading it FREE simply by clicking the following links:

<http://www.amperefitz.com/unvasleep.htm> (This link is faster if you have dial up.)

[http://www.amperefitz.com/ua\\_20071020\\_ck\\_ds\\_jm\\_ds.pdf](http://www.amperefitz.com/ua_20071020_ck_ds_jm_ds.pdf) (This is the book FREE in Adobe.)

Web pages are at: <http://www.amperefitz.com> & <http://www.rbduncan.com>

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Feb. 7, 2010

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