

## The General (Quantum) Theory

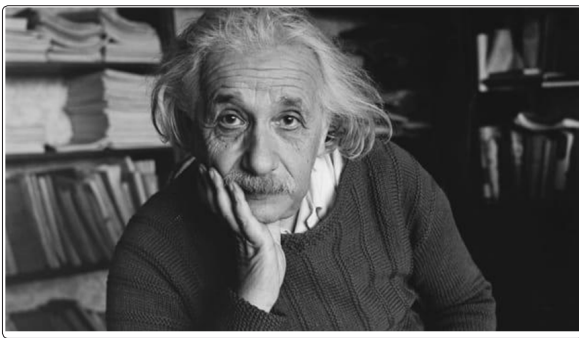
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Finally, theoretical physics completes, now there really is a General Universal Theory (GUT)

Albert Einstein so narrowly missed a real treat here, all that one needs to do to convert his excellent work on **The General Theory** into **The General (quantum) Theory** is to get rid of those daft classical meters and replace them with **the quantum-energy-transit-time**. The difference between the classical and quantum versions of The General Theory only makes a substantial impact beneath about 5-nanometres above any atomic nucleus and then **beyond 100-million light-years** from the observer.

For the last 105-years, we have been observing these anomalies in plain sight, but apparently nobody wanted to know, so nobody ever worked on **relativity** any more. Cosmologists just assumed that Einstein had made no mistake, when in fact he had made the most monumental physics blunder that anybody working on relativity could ever possibly make. Einstein's fabulous omission has led cosmologists to imagine that the Universe is only three times older than Earth. Three Earth-ages was so obviously vastly too short that it should have rung huge alarm bells, never mind all the dark-matter.

When we were much younger, we were taught classical physics, and then if we or our teachers had a very nice but rather strange sense of humour, we also learned about quantum physics. Now, in case anybody did not notice yet, our Universe is actually made up of quanta of energy and all of classical physics must be thought of as merely a very useful and practical approximate model of the reality of our Universe. The problem with going too deeply into quantum physics is that it does not seem to explain gravity.

Now, in case anybody did not notice yet, gravity is actually rather important. Gravity was very well-explained by **Albert Einstein** with his **General Theory** in about 1915, 105-years ago. Just

because I can now explain the quantum physics extension to his work, takes nothing away from his great achievement. I had the 1972 "instant action at a distance" quantum entanglement result of Clauser and Freedman to guide me, Einstein did not.

### Quantum Gravity

One needs to ask oneself what the connection between **The General (quantum) Theory** and quantum physics is? The only connection is the general quantum timing logic and the entanglement timing logic. In order to understand **quantum-gravitational-mechanics**, one does not need to know anything much about actual quantum physics. One must understand the Clauser and Freedman observation and Bell's inequality, but that is ten minutes work. I suspect that any loose talk of so-called quantum-gravity is all complete "Mad Hatter 10/6d" nonsense, but I do not know anything about it. If the people working on "quantum-gravity" understood the slightest thing at all about gravity, then you would not need to hear from me.

### Einstein's Tiny Error

The thing that Albert Einstein missed was to persist in the use of the classical method of measuring spatial displacement, after he had shown that the metre was nothing but a piece of classical thinking that needed to be moved aside in order to make way for **relativity**. In order to account for relativity, we must mark spatial displacement with the quantum-energy-transit-time. I name this new method of marking spatial displacement **quantum-time** and the altered view of theoretical physics that emerges from this tiny change to our thinking, I name *The General Quantum Theory*.

### Where to now?

Much of what we were taught in the past was just a load of nonsense, almost everybody complained that it was nonsense, but for 105-years the "nonsense" refused to change. If one wishes to understand The General Quantum Theory then one is going to have to go back to "school" again and learn it. No doubt, I am not such a great teacher, but I have put up the results of my work on this subject on my web site. So, if you want to stop teaching nonsense and start teaching The General Quantum Theory, then you could start with the notes *published on my website*.

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