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Coriolis Gravity : a Novel Underlying Interpretation of Gravity

The sun's differential rotation is one of the most amazing dynamic solar facts, and it has not been explained properly yet. It seems that it driven by the solar fusion, but maybe it is simply caused by expelling light, or by what is commonly called “gravitons”, though it isn't yet clear if one has to speak of “trapped” or “closed” waves such as particles, or “open” waves.

The two next papers were written in different periods, but I rearranged that for an easier lecture.

In the first paper, I explain that the sun's dynamics correspond, very amazingly, to the its standard gravitational parameter $G m$. Moreover, when we apply the Coriolis effect to an interaction between expelling light and particles of the Sun, this appears to exactly correspond to Newtonian gravity! And if the Coriolis effect is applied upon accelerated particles themselves, by self-induction, one comes to an excellent explanation of the inertial counter-force. I also make an attempt to explain the sun's differential rotation theoretically.

In the second paper, which I wrote a year later, I explain these deduced Coriolis mechanisms of 'inertial velocity' and 'inertial acceleration' some more in detail. I shortly remind the principles of my first book, “Gravitomagnetism”, founded by Oliver Heaviside, thoroughly investigated by Oleg Jefimenko, I applied upon the cosmos by myself. Since “Gravitomagnetism” is the name that I found the most on the Internet, I continue to use this name, instead of the many other names I have used in my early papers that have been reprinted in my first book.

If the reader is interested to enter more in dept about Gravitomagnetism, one should avoid reading mainstream interpretations such as the so-called “Linearized General Relativity Theory” because they have nothing common with “true” Heavisidian Gravitomagnetism. My first book and my very first paper on the subject are the easiest approach to the subject, full of real examples from the cosmos.

Enjoy the reading!