A new method for detecting dark Matter and explaining formulas which describe fluid matter

Razvan Alvandi

Master since K. N. Toosi University of technology at communication/wave
Astronomy: self-study

Abstract
Nowadays there is a new challenge among scientists, all of us know dark energy spreads the universe by constant index, but the big question is whether the universe expanding without stopping. I am not agreeing, because on the other side, we have dark matter and we know the force of dark matter and dark energy are opposite of each other. In this article, it has been tried to explain how to detect dark fluid and made an effort to find a formula that describe the relationship between dark matter and dark energy or totally dark fluid. Throughout the history, many scientists had the idea to estimate the behavior of dark matter by the means of time, it means they desired to see what is the effect of time on the movement of dark fluid and influence of it on expanding and diminishing physical universe. Cosmology, attached to the theory of dark matter and dark energy, elaborates that both of them are in a single framework and they are not separated into ptomaine. In the last section I added time to predict dark fluid treatment by passing time. To pursue this goal, at first an experiment was designed in which by assist of cigarette smoke and electrical light, the behavior of dark fluid was observed by the author. Then, by means of quantum physic equations and adding time as a stable factor to quantum physic equation, a model and formula was coined by which it was possible to show dark fluid movement. It is very significant to state that this final formula was not completely accomplished due to the fact the gravity of black hole was not regarded in this experiment. Asan important factor, by help of cosmic noise, voyager program of NASA, information theory is related to lost galaxy information.

Keyword: Dark matter, Dark energy, black hole, information theory, cosmic noise,

Introduction
All of astronomy scientists have known matter and energy change to each other, but as it is mentioned earlier, the formula of Albert Einstein $E = mc^2$ {equation 1} is not related to dark matter theory. the question is still existed and is not solved at all. for dark matter and dark energy, a new formula is essential to explain fluid matter and its behavior. From the past calculation by astronomy statistics, the universe includes 26.8% dark matter and 68.2% dark energy so we have totally 95% dark fluid from ordinary mass- energy universe. In this article an experiment is designed to show how we can detect dark fluid and by the quantum mechanics formula try to explain flued matter and at the end try to add time to analyze dark fluid by passing the time. At the following necessary information related to involved factors of this experiment is available.

Black hole and information theory both are really significant in this experiment, so in my first article I explained about black holes. I wanted to add more data to my first article and link it with information theory. Because of very high gravity, black holes swallow everything that comes close to them, even light.

At first, we consider light, we know light comes from a past cosmic object, that may not remain at the present and at the second consider black hole, may be formed from a galaxy with generation of some kind of creatures. So obviously a lot of information related to the past of the universe was jailed in black holes. Nowadays NASA detected radio frequency from the universe by using the Voyager program and converted it to a hearable voice. The sound of black hole is very noisy. If we could separate the noisy part of the original frequency and restore it, we will receive the information jailed in black holes. So, the answer key is the noisy part of the radio frequency. I think, if we have more noise that affected the original radio wave, we

have found much information related to the past. Actually, the noisy part is lost information related to the past of the universe.

Martials and methods

As it is explained in the above section, the highest noisy wave is very important to find more data related to the past of the universe. While texting this study, simulating dark matter was the most important idea in the mind of author, meaning that by having a cigarette in the hand, by chance, the other was thinking about smoky galaxy, then suddenly the idea of how to simulate dark matter bumped into her mind. Unintentionally, reckoning about one type of galaxy called a smoky galaxy. So, I smoked a light cigarette in my work room without any source of energy that affected the shape of smoke movement like air flow or heat, then the pattern of smoke was traced by the author as the only observer in the room. This experiment was done under usual source of light energy which is electrical light which was the only accessible source of energy for writer.

I have traced smoke movement, many shapes and curves that linked with each other, visible under the electrical light. It was like a complicated network without any rules. This simple experiment proves my idea about the impotency highest noisy frequency of cosmic noise. I was like an observer of dark matter with light, my reason to chooses electricity light was, it contains some of frequency spectrum. If we can simulate dark matter by dark fluid, then maybe we will finally have a lot of information related to the past of the universe. As the steps of this experiment, it is necessary to state that quantum physic equations are part of this equation. After this stage, time as an important factor was added to this dark fluid to obtain the final formula of assessing behavior of dark fluid. The author claims that it necessary to check effect of black holes in this experiment because the possibility of effects of black hole in this concept is positive, so it must be regarded in the study.

The dimensional of universe is known as string theory is another element of this experiment.

physics can be described by four forces: gravity, electromagnetism, the weak force, responsible for beta decays and the strong force which binds quarks into protons and neutrons. Elementary particles can be split into two categories, "matter" and "force carriers". These names are misleading and should only be understood as sounds which we utter to denote a set. The matter set is composed of six quarks u, d, s, c, b, t (up, down, strange, charm, bottom, top) while the force carriers are the photon the "electroweak bosons", Z, W±, the gravitation, and eight gluons (smaller party -cells' called quarks, bound together by sticky particles) responsible for the string theory.

dimension =force= Spot =motion are equal concepts, so first dimension is in uterus of our mother, in this dimension child does have not any ability, mother nourishes her child, uterus is closed surrounding, in this place time is meaningless, actually we have 3-dimensional box (small universe), we have only 3-dimensional space x, y, z. the child completely related her/his mother. At first dimension time is completely meaning less for baby. (t=0)

First spot: x, y, z

and finally, 19th dimension again time=0 at this moment observation happened with the help of nature frequency. Dimension =spot + force +motion {equation 2}

At first dimension, (consider the dot before first big bang we know, at that point, time change with highest speed ($t \rightarrow \infty$) {equation 3}, based on equation {1} we have very dense matter. So, we have:

First spot: X, Y, Z, σ (X, Y, Z *can not be calculated so we consider only* δ) {equation 3}

Actually, we have nothing could change the universe, so we able to analyze the treatment of universe by nature frequency so the last spot is again σ.

Therefore, the dimension of our universe except the last spot equals 21.

But I think as the universe gets aged, dimension of universe changes too. To prove this claimed, it is observed that after corona virus pandemic all over the world, the frequency of universe was changed, meaning that the earth frequency increased highly which I can conclude that there is a positive relationship between universe and dimension. As an important finding from this observation, we can conclude that as the earth gets older and gets near to last seconds of life on earth, the only visible think for an observer could be just natural light and finally the dimension of world would be ultimate.

Result and conclusion

Quantum mechanics formula and dimensional of universe is really important in this study

First, by using the quantum mechanics formula and use of coat space a formula was designed. Considering dark matter treatment is like many atoms with random spins and dark energy is like a heterogenous electromagnetic network. So, we have N dimensional vector space (N =the number of the direction of heterogeneous electromagnetic dark energy).

For finding the correct formula we need to find the exact dimensional of our universe.

Essential particle physics and string theory describe we have a - subatomic world – divides every particle in the universe and even the larger composite particles fit into two broad categories; fermions and bosons by four forces: gravity, electromagnetic, the weak nuclear and strong nuclear, act on everything happened in the universe. Formation such as quarks, electrons, neutrinos, protons and neutrons are the foundation of matter that can be split into two categories, "matter" and "force carriers". The matter set is composed of six quarks u, d, s, c, b, t (up, down, strange, charm, bottom, top) and also, we have leptons which, contains (e, $v_{e,}$, τ, v_τ, μ, v_μ), while, bosons are particles that carry energy and forces throw-out the universe. "Electroweak bosons" are ($Z, \pm W, H, G$). If consider last dimension $t^\pm \to 0$ {$equation\ 4$}, because of the simple reason, universe want to get steady state, we expected $\sum F \to 0$. {equation 5}

Better way to simulate the link between dark matter and dark energy is using Fibonacci Seri. When the author went to the weekend near the beach, at midnight author was monitoring the sea under moonlight, it was like seeing the dark fluid from above exactly like smoked under with light. but when snake fish appear everything changed, the treatment and effect on sea, was like a kind big gravity that change the steady state sea water, there is no certainty but the behavior was like a kind of power and strange connection between shape and sea water waves, if we finally completely understood the behavior of dark fluid, if we consider snakefish movement in water as black hole behavior in galaxy, and by regarding the fact that black holes have gravity power, all mentioned may state that snakefish could create dimensional waves that effects on universe, but this matter needs more investigation.

The highest natural frequency is 936 Hz. But I think when we use Fibonacci Seri, we can completely simulate the behavior of dark fluid by this formula.

But if we consider, we are closest to the last time of our universe because the only thing remaining is light. So, the dimension of the universe is infinite. Therefore, at this time we consider our universe to be 21 dimensional and observe it under a function that is a natural frequency. As it is believed it is a good approximation to find the correct formula.

$$A = 936\ the\ highest\ natural\ frequency(Hz)$$

$$A.(\propto>)\ coat\ space,\ \ \alpha = 22\ dimensional\ vector : \{equation\ 6\}$$

$$\propto = a + b \times e^{i \times \omega \times t} : \{equation\ 7\}$$

When: $a = the\ mass\ of\ particle$, $b = charge\ of\ particle$, $\omega = the\ spin\ of\ particle$

As you see it is combined coat space with properties of fundamental particles and observe it under sculler A.

So, we have:

    A. {equation 8}

$$6.6260715 \times 10^{-34} kgM^2 S^{-1}\ 2.2 MeV/C^2 + \frac{2}{3} e^{i \times \frac{1}{3} \times t}$$

{equation8}:

$$
\begin{pmatrix}
4.7 MeV/C^2 - \frac{1}{3} e^{i \times \frac{-1}{2} \times t} \\[6pt]
1.28\ GeV/C^2 + \frac{2}{3} e^{i \times \frac{1}{2} \times t} \\[6pt]
96 MeV/C^2 - \frac{1}{3} e^{i \times \frac{1}{2} \times t} \\[6pt]
173.1 MeV/C^2 + \frac{2}{3} e^{i \times \frac{-}{2} \times t} \\[6pt]
4.18\ MeV/C^2 - e^{i \times \frac{-1}{2} \times t} \\[6pt]
.511 MeV/C^2 - e^{i \times \frac{-1}{2} \times t} \\[6pt]
< \frac{1 eV}{C^2} + 0 e^{i \times \frac{1}{2} \times t} \\[6pt]
105.66\ MeV/C^2 - 1 \times e^{i \times \frac{-1}{2} \times t} \\[6pt]
< 0.17 MeV/C^2 + 0 \times e^{i \times \frac{-1}{2} \times t} \\[6pt]
1.7768 e GeV/C^2 - 1 \times e^{i \times \frac{1}{2} \times t} \\[6pt]
18.2 MeV/C^2 + 0 \times e^{i \times \frac{1}{2} \times t} \\[6pt]
1.7768 e GeV/C^2 - 1 \times e^{i \times \frac{1}{2} \times t} \\[6pt]
< 18.2 MeV/C^2 + 0 \times e^{i \times \frac{1}{2} \times t} \\[6pt]
0 + 0 \times e^{i \times 1 \times t} \\[6pt]
0 + 0 \times e^{i \times 1 \times t} \\[6pt]
\approx 91.19 GeV/c^2 + 0 \times e^{i \times 1 \times t} \\[6pt]
\approx 81.19 GeV/c^2 \pm 1 \times e^{i \times 1 \times t} \\[6pt]
\approx 124.94 GeV/c^2 + 0 \times e^{i \times 0 \times t}
\end{pmatrix}
$$

$0 \times$ {equation 8} $+1\times$ {equation 8} $+1\times \{equation\ 8\} + 3 \times \{equation\ 8\} + 5 \times \{equation8\} + 8 \times \{equation\ 8\} + \dots$

Obviously for finding the best result and simulation we need to consider many sources of energy and different types of Fibonacci series. As I mentioned before the effect of gravity of black hole is debatable.

Reference:

1- The Special and General Theory, by Albert Einstein (1879–1955)
2- Modern Quantum Mechanics,2nd ed
3- An introduction to stellar astrophysics by Francis Leblanc, (2009)