

The Elastic and Effective theory: To know reason behind elasticity, volume contraction and mass variation of a liquid body at the speed of light

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ABSTRACT

Now let's move to one of my another best theory. Actually this theory is mainly based upon the theoretical explanation of elasticity phenomenon in only liquid state of matter. However, it is also displayed by author to know reason behind the volume contraction and mass variation of a liquid body at the speed of light. Now here this thing is mentioned clearly that rotational speed of the liquid body should be reached at the speed of light because of particle's maximum contraction occur on this step. In this theory, almost these all data sets about this were collected by observing the nature (mercury). Therefore, it might be said that is a duplicate copy of the mercury. Finally it is concluded that one can give

semi-fixed shape and semi-fixed volume permanently to the liquid (water) like mercury without putting it into any container. However, it is also concluded that imaginary pressure is main reason behind the volume contraction and mass variation of a liquid body at the speed of light.

KEYWORDS

“Semi-fixed shape; semi-fixed volume; speed of light; particle’s maximum contraction; imaginary pressure.”

INTRODUCTION

First of all before going to explanation of liquid State of matter, it should be keep remembered in mind that the elasticity is considered mostly phenomenon of solid body. But here one thing is special that author is going to focus just qualitatively explanation of elasticity in liquid state of matter.

MATERIALS AND METHODS

In order to determine the way of giving semi-fixed shape and semi-fixed volume permanently to the liquid (water), it is needed to hypothesize the rotator water gun experiment.

Rotator water gun experiment

Actually this way of experiment might be used to give semi-fixed shape and semi-fixed volume permanently to the liquid (water) by rotating it at the speed of light co-related with more applied pressure. However, this experiment is same as the linear water gun experiment, which is only mentioned clearly in “The logical theory of relativity”. Now let’s suppose take some water, rotator water gun (it's considered because of using HHO gas by breakdown of water), HHO gas and sparker. Then this way of experiment might be used at a vacuum place for rotating that water easily at the speed of light by storage of 200,000atm HHO gas pressure just imagine 200,000 gas pressure is stored and then here sparker would be pressed for same phenomenon. Note: this whole phenomenon should be avoided from such effect of the gravity.

RESULT

Finally it is concluded that one can give semi-fixed shape and semi-fixed volume permanently to the liquid (water) like mercury by increasing the pressure and speed of the liquid . But here one thing is also that rotational speed

of the liquid should be reached at the speed of light because of particle's maximum contraction occur on this step. However, it is also concluded that imaginary pressure would be main reason behind the volume contraction and mass variation of a liquid body at the speed of light.

DISCUSSION

Figure 1 shows that during that imaginary pressure may contracts volume and varies mass of liquid (water) permanently at the speed of light. However,

Figure 2 represents that imaginary pressure may contracts length and varies mass of a rocket for some instant moment at the speed of light. Now here

Figure 3 shows that one can give semi-fixed shape and semi-fixed volume permanently to the liquid (water) like this mercury without putting it into any container. But now let's move first to the work of elasticity in liquid.

Liquid: Therefore, now let's move to the work of elasticity in liquid. As it has been explained that the solid has fixed shape and fixed volume because of presence of attractive force among its total particles. Where as in liquid, commonly there is no fixed shape but fixed volume within the container because of absence of attractive force among its total particles as 6.02×10^{23} particles whether it may be atoms, ions or molecules. Definitely there is less attractive force among it's some particles which causes they are bounded and are less

elastic means equal to absolute zero. It means, generally it should be considered that there is no any elasticity phenomenon in liquid unlike mercury(Hg).

Actually with my point of view, a mercury has semi-fixed shape and semi-fixed volume because of presence of less attractive force among it's total particles. So one can also give semi-fixed shape and semi- fixed volume to the liquid (water) meaning to say that like mercury, then water would be able to maintain its shape and volume without putting it into any container. So it would be possible by increasing the attractive force and attractive force would be increased by increasing the pressure and speed of the liquid. then attractive force would be cause of elasticity phenomenon, semi-fixed shape and semi- fixed volume.

Because by increasing the pressure and speed of the liquid, particles would be reduced into heavier particles from lighter particles due to effect of imaginary pressure upon it and then it would be cause of denser more than before as it was.

One thing is also that rotational speed of the liquid should be reached at the speed of light because of particle's maximum contraction occur on this step.

However, now let's move to the effect of imaginary pressure on liquid (water) moving at the speed of light but in rotational pathway by the help of rotator water gun. Now let's suppose 200,000atm real pressure is applied on the liquid (water) at a vacuum place for rotating it easily at the speed of light, then in result imaginary would also affect upon it and it would be 200,000atm (because at vacuum place, $P_E=0\text{atm}$). Now as you may have a question like this if $P_i=P_R$

(at a vacuum place, $PE=0$) then there should be Newton's 3rd law. So, let's move but actually here Newton's 3rd law does not work because of imaginary pressure does not act as barrier for its path due to high rotational speed of that liquid. But it's actually the main cause of volume contraction and mass variation of that liquid at the speed of light. But another thing should keep in mind, in presence of external atmospheric pressure 399999atm HHO gas would be required to move it. Now let's suppose 399999atm real pressure is applied on that liquid in presence of external atmospheric pressure for rotating it at the speed of light, then in result imaginary would also affect upon it and it would be 400,000atm (because at sea level $PE=1$ atm). Actually these values are calculated with mathematical proof in 'The logical theory of relativity. However, Imaginary pressure is also main reason behind the length contraction and mass variation of a solid body at the speed of light. Note: Imaginary pressure has different effects on different substances in different way like when any substance is liquid form, then imaginary pressure may contracts volume and varies mass permanently because of absence of its own fixed shape and fixed volume without container. But when it's solid form like a rocket moving in linear pathway by the help of linear water gun, then imaginary pressure may contracts length and varies mass for some instant moment because of it consists of its own fixed shape and fixed volume. But now one thing should keep in mind that volume contraction and mass variation in liquid is fact but length

contraction and mass variation for solid, it's an illusion according to the observer.

ACKNOWLEDGEMENTS

I would like to thank Maxwell, Boltzmann and others, who established the kinetic theory which inspired me to think more for only liquid state of matter.

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Figure1. Just imagine, this figure represents the rotational speed of liquid (water) at the speed of light. So with my point of view, where after its volume contraction and mass variation occurs permanently due to effect of imaginary pressure upon it. Note: It's fact.



Figure 2. Just imagine, this figure also represents that A Rocket moving at the speed of light. So during this event, it could be hypothesized by a observer that its length contracts and mass varies for some instant moment due to effect of imaginary pressure upon it. Note: It's an illusion according to the observer.



Figure 3. Now here this figure shows that one can give semi-fixed shape and semi-fixed volume to the liquid (water) like this mercury without putting it into any container. Note: it's unsafe to touch, just observe it.