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Time and Inter dimensional Traveling Key

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Abstract - *In physics vibration is an important factor. Because the earth is based on vibration. At the same time, vibration is a vital factor for any object to engage. Vibration is not a pack of energy. But it plays an important role in changing one form of energy into another. Vibrations will be produced by any atoms or molecules when they move. Every atom has their own frequency; this frequency is called the natural frequency. Basically all the molecules possess little self-vibrating nature. Natural frequency is that the vibrations are caused not due to external influence, damping force and other vibrations but due to self-vibrations. It is also known as Eigen frequency. Energy is everything and everything is energy. Vibration is the main source of the energy. In this paper, the effects of vibration by sending the different range of frequencies inside the object can be known. By learning about vibrations and its characteristics one could understand that vibration plays a major role in inter-dimensional travel. It is said that inter-dimensional travel is practically impossible till now. It explains the dimension key which makes the impossible to near possible. Many scientists tried to find the velocity of our earth related to the ether frame or the special privileged frame with the help of various experiments involving electromagnetic waves. Time always changes in nature. It is relative to space. Time in physics is defined as the measuremental scalar unit it main function used to measure the activities, Effect and correct the error. Here explain the importance of time calibration for time traveling. Maxwell's relation showed that electromagnetic waves propagated at a velocity through empty space. In general relativity, gravity is not regarded as a force. But it is regarded as the effect on particles or photons produced by a curved space-time that is almost synonymous with gravity. So if the particle is acted on by no non - gravitational force, then it is regarded as a free particle. In this paper explain about how to travel through time and inter-dimensional without affecting the molecular damages.*

Key Words: **Time, Time travel, Vibration, Light, Inter-Dimension, Quantum mass theory, Dimensional key, Rain Effect, Time calibration, Natural frequency, OSQAR Experiment, Atoms, molecules.**

1. INTRODUCTION

As an atom has the ability to transfer vibration to another atom, similarly subatomic particles in the atom such as proton, neutron and electron can induce vibration by moving them from one orbital to another. The atoms possess their own vibrational characteristics which makes their frequency a natural frequency. At the same time any object or matter that creates vibration of a certain wavelength will produce some amount of sound waves. Frequency and pitch of sound can be reduced by increasing the mass of the particles. There will be frictional loss if an object is introduced to vibration. And through this paper we can learn the effects of a molecule passed through any objects by rapid change of high and low frequency of the molecules. Einstein's state's that no material particle can be accelerated to a velocity greater than that of light in empty space. In solids, the vibrations of atoms are based on their center point. When the waves spread through the particles in a medium. It won't change its characteristics, instead energy is passed to another medium. With the help of the OSQAR experiment, light shining through the wall is possible, because quantum principles of photons possess both particle and wave nature

2. LITERATURE REVIEW

According to the quantum theory any wave of vibration will produce a certain amount of energy to its ability. By understanding of vibration, it has a close relationship with pressure wave and sound wave can be observed. And also related to the velocity, displacement and respecting load. Every Mechanical system in this earth contains some amount of mechanical damping characteristics. Important part of damping factor is to reduce vibration level and reducing its natural frequency. Generally wire rope isolators is used in military applications. Any type of vibration frequency can be controlled by vibration isolation [1][2]. According to the heinsberg uncertainty principle if a quantum particle is viewed under the highly energized electromagnetic microscope it will be destroyed. At the same time electron configuration describes that each electron in an atom moves independently in the orbital around nucleus. According to the law of the quantum mechanics, a system with a single electron has related to some demands. Electron moves from one configuration to other by emission or absorption of Quantum energy in the form of photons. Similarly, atoms can also move from one configuration to another by emission or absorption of energy [3]. Electron configuration of the polyatomic molecules can change from one form to another without emission or absorption of photons with the help of the vibronic couplings. Atomic orbitals exactly describes the shape of this "Atmosphere" only when a single electron is present in an atom. When more electrons gets added to a single atom, the additional electron tends to move evenly to

fill in a volume of shape around the nucleus so that the resulting collection (sometimes termed the atom's "Electron cloud") tends towards a generally spherical zone of probability describing the electron's location, because of uncertainty principle [4]. Frequency caused by bomb blast can be calculated precisely to 1 Hz with the help of the air pressure [5]. Suppressing the lateral vibration of the propulsion shafting system is essential to the reduction of low-frequency vibration and sound radiation [6].Subatomic particles can pull other similar particles through a wall and this process is called a wired process or Quantum tunneling. Even though the electron can't occupy the high ground between the two low spots [7]. Frequency can be increased by reducing thickness and increasing stiffness. If the mass of an object increases the frequency decreases [8]. Sound can travel at 343.3 m/s in air. When compared to light, sound travels much slower than light. Lightning and thunder is the best example of light and sound speed difference. Both travel the same distance but lightning is observed first and then comes thunder. This is due to the speed difference. According to the vibration energy transmission through wall junctions in building experiments, two walls higher 90° can increase the frequency and reduce the power transmission loss [9]. According to the vibration energy harvesting method Mechanical energy can be transformed into electrical energy with the help of piezoelectric or electromagnetic transducers [10]. Power can also be obtained from vibration in an ambient energy source. Same method can produce 10's to 100's μW/cm3 by human motion, and 100's μW/cm^3 potential power density can be produced by radio frequency [11]. Von karmans nonlinear strain displacement relationship is used to calculate the deflection of LCE beam caused by coupling of optical light sensitive crystal elastomer beam and mechanical energy in a liquid filled Glass. At the same time under water nonlinear Moving Light illumination can be calculated by the finite element formulation [12]. Einstein's quoted according to the law of nature everything has vibration. Human heart beat is an example of periodic vibration. Mostly quantum resonant magnetic analyzer used to analyze human body vibration [13]. Energy can be created by combining vibration of piezoelectric transducer and non-controlled rectifiers circuit with cantilever beam and electrodynamics shaker [14]. Energy can also be created from the vibrations of mechanical, thermal, light, electromagnetic, nature and human body [15]. Vibration isolation is very essential to avoid Mechanical failure due to high vibration [16]. A key is needed to travel from one dimension to another. It is called dimension key [17].

3. BASIS OF VIBRATION

Vibration is defined as the back and forth oscillation occurring about the equilibrium point of a particle with stable or unstable motion. Basically vibration is transferred from one particle to another. As the vibrations passed is based on the vibrations produced by the particles present before. The concentration of energy reduced by the travel of vibration. At one stage the transfer energy will be reduced to zero. Those passed vibrations don't have any regular interval of time. Basically light waves will be faster and longer in traveling at night than day by expanding and descending forward. Initially, an amount of energy is transferred to another via vibration. As the source of energy this vibration causes the entire atom to vibrate and transfer it to the neighboring atom. Since subatomic particles in an atom cause vibration, it also produces electromagnetic waves. These electromagnetic waves cause another subatomic particle to vibrate. These electromagnetic waves make the subatomic particle in continuous flow. Electron is the vital subatomic particle to produce a certain amount of electromagnetic waves in order to maintain its flow. This flow of electrons causes electrical energy (current).

4. LIGHT

Light is made up of little packs of energy called photons. Most of these photos are produced when the atom's in an object heat up. Heat "Excites" the electrons inside the atom and they gain extra energy. This extra energy is then released as a photon. According to the law of Quantum mechanics, for a system with only one electron, a level of energy is associated with each electron configuration and in certain conditions, electrons are able to move from one configuration to another by the emission or absorption of a quantum of energy, in the form of a photon. A pack of photons creates light. According to some theories, axions could be components of dark matter, and they could help to explain why there is more matter than antimatter in this universe. Theoretically ether frame is a space filling substance. It is used as a transmission medium for the propagation of electromagnetic waves (light) or gravitational forces. Electromagnetic waves differ from mechanical waves, they travel not only air and solid, and they can travel also in vacuum. Light speed and ratio is equal. Light travels through a straight line and light can be bend.

5. EFFECTS OF VIBRATION PASSING THROUGH THE WALL

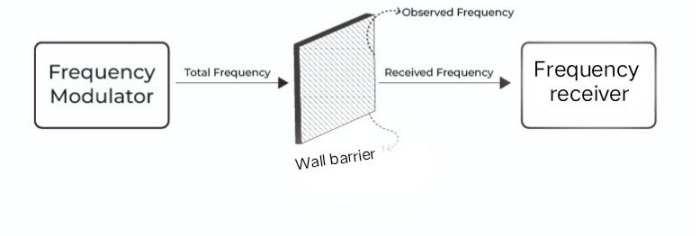

Fig -1: Effects of Vibration

Total frequency (f_t) =Received frequency (f_r) + plan observed frequency (f_a)

Consider a limited surface. Pass some frequency (f_t) with the same wavelength. When the respecting wavelength passes from one point to another you could observe the decrease in frequency (f_r) from initial state. Reason behind this is the basis factor of vibration. That is if a vibration occurs in a surface of atoms the vibrations are evenly spread across the bonds of the atom's to remain unbroken. To equal the effects of vibration it's been spread to the other parts of the surface equally (f_a). Due to this transmission of vibration equally, the initial frequency range and wavelength range will be decreased by reaching the final stage. By increasing the speed of the wavelength for required frequency can overcome this frequency loss. Due to the above increasing the wavelength speed of specific frequency can destroy the surface partially or completely. Based on this, if an object with specified thickness has a frequency emitted from its surface, one could pass through one point of the surface to another point by vibrating in the same frequency. By changing the natural vibrational characteristics of an object can change its molecular structure.

6. RAIN EFFECT

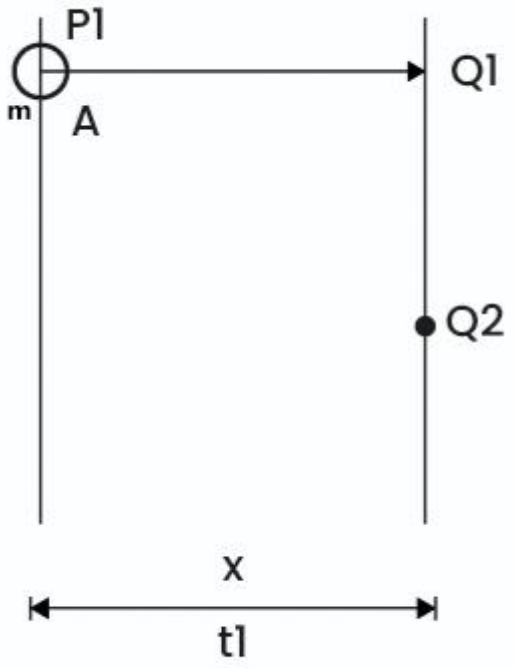

Fig -2: Normally traveling Time

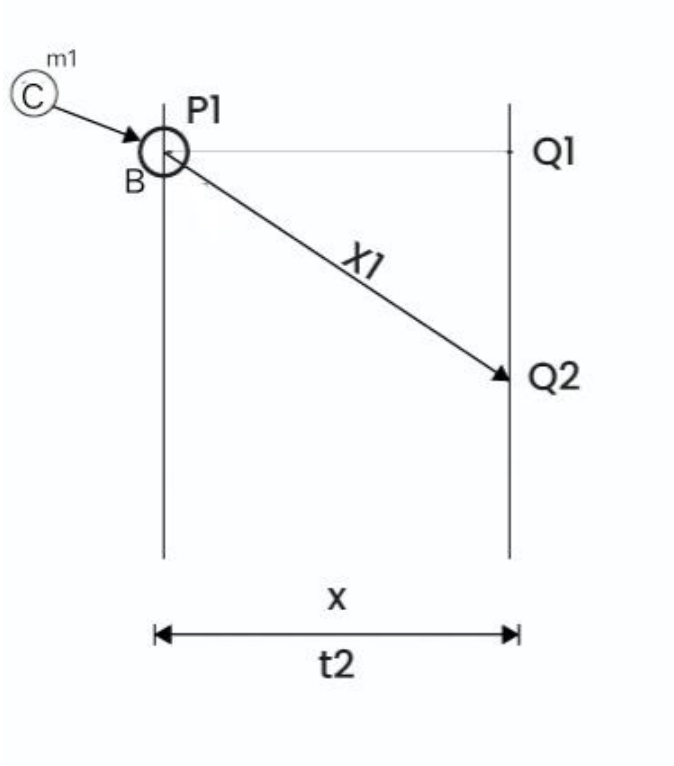

Fig -3: Colliding Time

Consider an object "A" and "B" with an equal mass. According to the Newton's law an object "A" with mass(m) travels from point "P" to "Q_1" at "x" distance with an velocity of "v_1" in vacuum condition (p=mv). The object "B" travel the same distance (x) by passing through the same path, at the time object "C" with the some amount of mass(m_1), travel vertically or horizontally by colliding the object "B" at positive direction. So object "B" traveling direction changes to "Q_2". The traveling time also takes longer when comparing the object "A" traveling time. Even if both the objects reached the same distance the time taken by "B" is longer than "A". It is due to the impact and momentum of the object or due to high impulse of the object. Rain effect states that "The impact of rain will be higher if the person is in motion than the person in rest position". Law of conservation of energy states, Mechanical energy is constant in any point of free fall object.

At rest position,

Total energy = mgh
Impulse (J) = F*t

Fig (1) and Fig (2) explains the velocity of the rain maximum at the person in rest state and velocity of the rain minimum at the person moving position.

Rest time,

$J_1 = F_1 * t_1$
$= (m * a_1) * t_1$

$= m*(v_{max}/t_1)*t_1$ ⟶ (1)

Colliding time,

$J_2 = F_2*t_2$
$= (m*a_2)*t_2$
$= m*(v_{min}/t_2)*t_2$ ⟶ (2)

Applying, $[F_1 = F_2]$
From (1) & (2),
$J_{max} = m*v_{min}$ $[J_{max} = P_{min}]$
$J_{min} = m* v_{max}$ $[J_{min} = P_{max}]$

According to the rain effect we get, the velocity will be maximum (v_{max}) in rest position and velocity will be minimum (v_{min}) in motion.

With the help these equations we can understand that,

I. When the velocity and time is maximum in rest, the impulse will be minimum.

II. When the velocity and time is minimum, the impulse will be maximum.

7. RELATIONSHIP BETWEEN FORCE, ENERGY, VELOCITY AND FREQUENCY

Frequency (f) = c/λ ---------- (3)
Energy = mv^2 —---------- (4)
Force = ma —-------- (5)

Equalize (4) & (5)
$E/v^2 = F/a$ [where, a = v/t]
$E/v^2 = (F*t)/v$
$v = E/ (F*t)$ ---------- (6)

From (1),
$f=c/ \lambda = v/ \lambda$ ---------- (7)

Sub (4) in (5),
$f = E/ (F*t* \lambda)$ ---------- (8)

Sub, $f=v/ \lambda$
$v/\lambda =E/(F*t* \lambda)$ ---------- (9)

We know, [f=1/t]
$v = (E*f)/F$ ---------- (10)
$f= (v*f)/E$ ------ (11)

These equations states the following conditions,

Condition I

By keeping the energy as a variable, the velocity and force be constant, the increase in Energy will decrease the Frequency and decreasing the energy will increase the frequency.

Condition II

Applying the rain effect, v_{max} implies reduction of impulse will increase in frequency. And v_{min} implies an increase in impulse will make frequency decrease.

From these conditions we can observe the increase in impulse will decrease the frequency and vise versa. Both the conditions are needed to maintain the Constant force. So one can control frequency by adjusting energy and impulse.

8. QUANTUM MASS THEORY

Any particles or molecules possess mass according to their nature. But most of the theory states that photons only had a negligible amount of mass. But light has both particle and wave behaviour. Every particle had a measurable amount of mass. The present calculations and results can be considered photons only had a negligible amount of mass, but the truth is no equipment to measure their precisely. Quantum mass theory state's, "**The photons possess a mass called quantum mass** (Q_m).

Quantum mass $=Q_m$

From equation (9),
$f= (v f)/E$ …….. [F=ma]
$f= (v_{2*}m_Q)/ (E*t)$ ……. $[m=m_Q]$

The above equations we can know, by calculating the quantum mass (m_Q) we can produce the frequency of any particle to make it travel to another dimensions with less molecular damages.

9. CONCLUSION

According to the postulation of the special theory of relativity, time is not dependent in coordinate system. Without time work cannot be produced. If an object possess both wave and particle nature it can pass through another dimension. According to quantum mass theory photons possess a measurable amount of mass. If it is possible to find the actual mass of the photons, with the help of mass of photons other atoms or particles can pass through other dimensions. Light possess both particle and wave nature. Hence it can pass through the obstacles and pass through the wall. Quantum mass theory and Rain effect states that vibrations is the dimension key for time traveling. By handling the above steps carefully, the time traveling can be possible in without molecular damages.

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