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Abstract

Elon musk does try travelling to the planet mars by space crafts. Such a travelling has been considered to take a time about 3 years from the earth to the mars by ultimate technologies. But we show that traveling from the earth to the mars is done just in 3 days by electro antigravity of the Sun on the spacecraft. By a change in the spacecraft it is possible to build a complete electrical space craft and reaching about the light speed for a spacecraft in the solar system.

It has been mistakenly considered that the electric charge of the electron and proton are exactly equal whereas that according to the new evidences (Lutephy, 2019), there is a very tiny difference as a fundamental charge asymmetry.

In the earth, the substances are electrically neutral, of course not for equality of the number of electrons and protons but for compensation of the fundamental charge asymmetry by difference in the number of electrons and protons in substances. Also (Lutephy, 2019) the sun electric charge is not partial against the scientists idea but in reality the sun electric charge is very big about the $10^{20} C$ as the cause of solar wind and sun's corona for balance between gravity and electro antigravity and etc.

Then if we cause to equal the number of the electrons and protons in a space craft, the space craft can reach to a speed even about the light speed and even a space craft can travel from the earth to the mars in a time less than 3 days. Like the plasma, in some conditions the matter is neutral in number of the electric charges. If it is hard to build a plasma engine for a space craft it is possible to use an easy way like the way of the electromagnetic waves in some frequencies to release the extra electrons to generate a metal included to equal number of the electrons and protons. Extra electrons in the metals are involved for electric neutralization and these electrons are the source

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of the plasma frequency (Tonks and Langmuir, 1929) and then triggering the plasma frequency by external electromagnetic waves (Nipher, 1916; 1917; 1918; 1920) causes to discharge it.

In reality the extra electrons in the metals does shape some arrangements quantum mechanically like an electron in a box. These arrangements have special bits and relevant frequencies. Then triggering these arrangements by electromagnetic waves in some frequencies will cause to destroy it and discharging extra elections. Then in such a wave, the space craft are numerically neutral and numerical neutral metals are under the sun's electric force like the plasma in the solar system as the solar wind repelled by the sun and then a space craft under the influence of electromagnetic waves in some especial frequencies can travel in high speed by the force of the sun and even to escape from the earth gravity it is possible to use such a way. Of course we should notice that the sun's electric force on a body in the earth is very weak for electric shielding effect in which it works like a faraday cage. Then for escape from the earth, it is almost hard to use the electro anti-gravity of the sun but we can use antigravity of the earth however it is very weaker than the antigravity of the sun.

For experimental test it is possible to use in the laboratory a way to measure the force between the two metallic balls under the effect of the electromagnetic waves as previously applied by Nipher (1916; 1917; 1918; 1920). It was seen that the force reverses to the antigravity. Also if we could to measure the force between two plasma substances we can see that the force is repulsive as a simulation for solar wind in the laboratory.

References

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