
iS – *rS* transposition, the existence of another(imaginary) space

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I discovered a way to enter into another space which has imaginary axes in spread and sharing time with this real space. Though at this point of time, I have not gotten information that how many dimensions does this space have, but we will be able to enter into and exit from this curious space someday.

1. Introduction

I cannot remember how long time ago, but I have ever tried to calculate negative static mass energy.

I could get a result that voltage of surface of particle(capacitor) becomes imaginary($C * (iV)^2/2 = -CV^2/2 = -mc^2 < 0$).

Next, a question hitted upon me.

”What will happen if this particle and usual particle(positive mass energy) were interacted by electrostatic force between them?”

In this paper, I dictate about the result of calculation and consideration about this question.

2. Calculation

Electrostatic force ”*f*” between real(q_1) and imaginary(iq_2) electric charge becomes following(distance between these electric charges is r).

$$f = q_1 * iq_2 * k/r^2 = if_0$$

f_0 is real, so electrostatic force f becomes imaginary.

Therefore, these two particles will be accelerated by these two values, $a_1 = if_0/m_{q_1}$, $a_2 = if_0/m_{q_2}$.

Time of these two values is real. So these two particles moves along imaginary axes and real time.

3. Imaginary space exists?

One thing which is clearly true at this point of time is, "kinetic energy of these two particles are negative". If they were stopping at initial position (distance between them is r) with zero meter per second velocity, their kinetic energy are zero Joule. So they will lose their kinetic energy from zero Joule by imaginary electrostatic force.

If their kinetic energy were imaginary, it may be neglectable like imaginary voltage which appears in the theory of electronics.

But these are real, negative kinetic energy. Not imaginary value. They are not neglectable.

Hence, I cannot help concluding that they will disappear from this space and runs into imaginary space. Transposition from this space (rS , es ar) into imaginary space (iS , es ai) occurs on both real and imaginary voltaged particles.

4. From iS to rS transposition

When two capacitors were in imaginary space, the way to come back to this space for them is simple. Only to charge both of them with real voltage and let the real electric force interact between them. They will begin to run along real axes and they will appear in this space together.

5. Conclusion

Imaginary space iS will exist in real. If permittivity of vacuum space could be changed from positive to negative, lightspeed becomes imaginary around the negative permittivity space, so light will be absorbed into iS . I think consistency of theory is clearly not broken. So I strongly believe the existence of iS .

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