

C Symmetry Violation study using different Time Arrow Concept

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Abstract

To study C symmetry violation using two time arrow method and for checking causality principle. The method of two time arrow concept is used which explains about C symmetry violation and C symmetry is non violation.

Keywords: C Symmetry; antimatter; antiparticles

Introduction

C symmetry violation

When antimatter and antimatter is created probability of matter particle creation is more than anti particles [1]. Here I like to do thought experiment as shown in (FIG. 1).

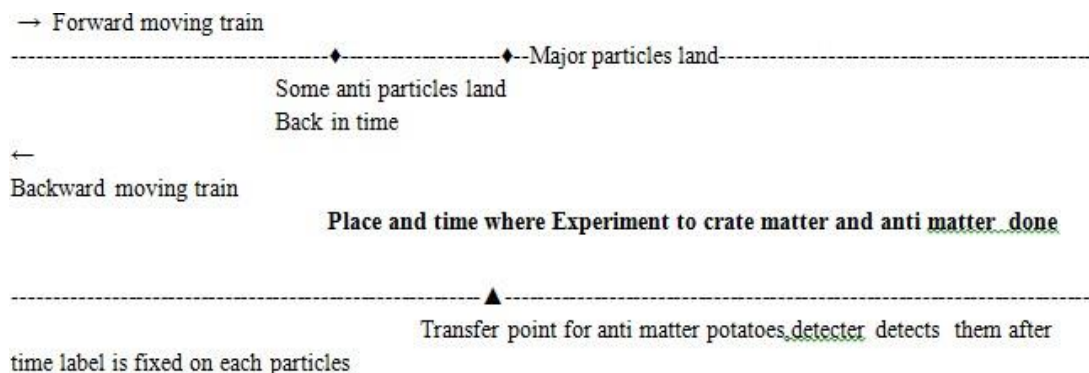


FIG.1. C symmetry violation

Let us assume there are two trains traveling in opposite direction. On backward traveling train there is potato tree. It has unique property of giving fruits of equal no of potatoes and anti-potatoes. When ticket chequer (nature) comes he checks Tickets, as these anti potatoes are having ticket of forward train he throws them to adjacent forward train, major potatoes land in adjacent compartment but few due to forward moving train lands in backward compartment, so while transferring from backward train to forward train some potatoes went go back in time. So they become negative mass and travels faster than light so can they become tachyons, further research required. But C symmetry is not violated, also causality principal no

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Violated. As there are two causes A-Creation of antiparticles and particles in equal number. B-Transferring these particles on forward arrow. Or labelling time arrow. As some particles land in backward compartment they travel back in time so in measurement done on backward time arrow we get aberration of C symmetry violation. Causality principal not violated as it applies for one time arrow. And there are two causes. So detector detects particles after time arrow transferring done so he detects less antiparticles than particles [2].

Result

By using this technique I found that C Symmetry is not violated this is explained by Time arrow concept which shows that causality principle is not violated. By shifting from backward time arrow to forward time arrow few antimatter particles are able to travel back in time weather they get negative mass and becomes tachyons which needs further experimental research.

Conclusion

The The C symmetry not violated and we are unable to detect events in past from present. Some anti particles are traveling back in time escapes detection which creates illusion of C symmetry violation. C, P, T symmetries are not violated , it is illusion as we consider only one time arrow, so these backward traveling particles becomes tachyons or not further research required. This work shows there is CPT and D symmetry, even dimension swapping gives same laws of physics. Causality principle is not violated as there are two causes and two events, and causality principle applies to one time arrow events. At the time of Big Bang equal amount of matter and antimatter was created. Weak force do not violate CPT symmetry, it is aberration and illusion.

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