

Title : Additional Spacetime Distortion made by the Temporal and Spatial positions of Physical Matters and New interpretations learned from it.

About Additional Spacetime Distortion

Additional Spacetime Distortion (ASD) is fundamentally defined as the non-linear overlapping of spacetime distortion fields. This unique phenomenon is formed by the temporal and spatial positions and configurations of physical matters.

Introduction

There are phenomena that have not yet been explained in the realm of the universe to this day. Examples include black holes, the Big Bang, cosmic expansion, dark matter and dark energy. Dark matter is interpreted by the ASD(Additional Spacetime Distortion) perspective. this study also introduces the experimental method for the new interpretation of dark matter and a description about the implications of the experiment itself. Lastly this study proposes an new approach to observe information of black holes

The Core and Dark matter is interpreted by the ASD perspective

It is almost confirmed that the interpretation of dark matter to date has the most particle-level interpretation. It is an interpretation from the viewpoint of the existence of a particle that is invisible but exerts gravity. However, this study no longer sees dark matter as a particle, presents a new frame by interpreting dark matter as a Spacetime phenomenon by non-linear overlapping of Spacetime distortion Fields and I think the Biggest reason for creating it is positions and arrangements. and We suggest that the phenomenon of dark matter can be explained by this non-linear overlapping. It does not interact with light, but it exerts gravity, which is very much the same. In order to show its consistency, we will also describe the process of solving various problems related to dark matter that have not been solved at present.

A new method is presented for black hole observations

It is a very difficult task to observe the internal mass from the effect of the gravitational lens. Then you can change your perspective and find Additional Spacetime Distortion. There is a very high probability. During the interaction of two black holes, their respective Spacetime distortion points are quite wide and strong. Even a slight overlap between these distortions is expected to reveal the effect, though such an event may be very short-lived. Nevertheless, the ability to deduce information about their internal mass holds significant theoretical importance.

The presentation of experimental methods and what we know from experiments

Visualization and enlargement of gravitational lens effects through artificial Overlapping points The gravitational lens effect is a phenomenon in which a large celestial body bends Spacetime to change the path of light. It is generally observed in large masses such as galaxy clusters and black holes, but there is a possibility that can artificially form a Overlapping point and visualize it at a close distance. In this study, two massive objects are placed, spatial distortion between the two mass is checked with gravitational lenses and atomic clocks, and the artificial light source and artificial lens effect are checked, followed by the method of starting and maximizing. The gravitational lens effect is explained by the general theory of relativity, and the path of light is bent by mass.

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