

# The Gravitational Field

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Abstract: Giving the composition of the gravitational field

## **Main viewpoints and conclusions:**

The third-largest predict of general relativity is that gravitational field makes light to be deflected: When a beam of light through near massive objects, the light will tend to object, this phenomenon is known as the light beam has been deflected.

The gravitational field is ubiquitous uneven density of the cosmic ontology matter in the universe formed; the real reason for the deflection of light is the different spatial distribution of matter density caused; rather than directly on the gravitational deflection of light produced attracted effect.

Besides, cosmic ontology matter = cosmic background matter = dark matter = aether = sterile neutrino (lower-energy neutrinos) at Base-Einstein condensate.

In the universe, cosmic ontology matter exists everywhere, which forms the gravitational field; simultaneously, it also is the propagation medium of light and mechanical vibrations (mechanical waves).

## **Reference**

[1] *Gravitational field*

*[https://en.wikipedia.org/wiki/Gravitational\\_field](https://en.wikipedia.org/wiki/Gravitational_field)*