

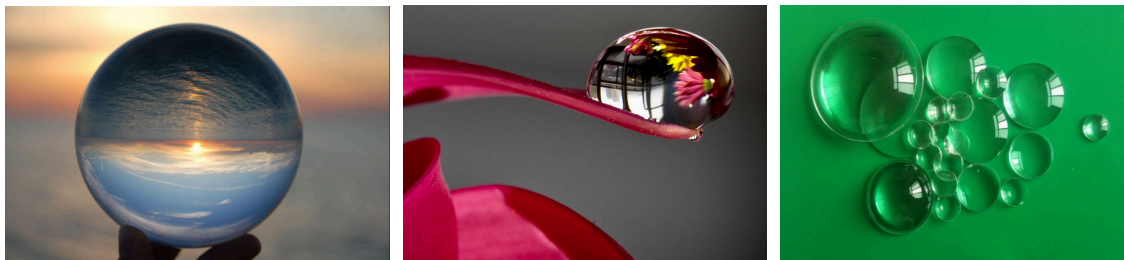
Gravitational Lens Effect

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Abstract: put forward a new explanation of the essence of gravitational lens

Main viewpoints and conclusions:



These pictures from the network, just to increase understanding, not for any commercial purposes, and thanks to the authors

Gravitational lens,^[1] is has no relationship between with gravitation, it is an independent optical phenomenon, and the essence of it that is ball lens imaging.

In the universe, a nebula, a galaxy or a galaxy cluster, forms a ball lens or ball lenses having appropriate density and transparency of its composition matter, and with spheroidal shape. It is able to image the distant source in the line of sight-mainly are light, galaxies and other views in the universe, then having and realizing the function and role of lens.

References

- [1] *Gravitational lens*
https://en.wikipedia.org/wiki/Gravitational_lens
- [2] *One Possible Structure of Cosmic Noumenon*
<http://rxiv.org/abs/1509.0204>
- [3] *The Light Propagation in Universe Space*
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- [4] *Gravitational Field*
<http://rxiv.org/abs/1606.0207>

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