

The Dark Matter and Dark Energy

Yibing Qiu

Abstract: showing a viewpoint with regards to the dark matter and dark energy

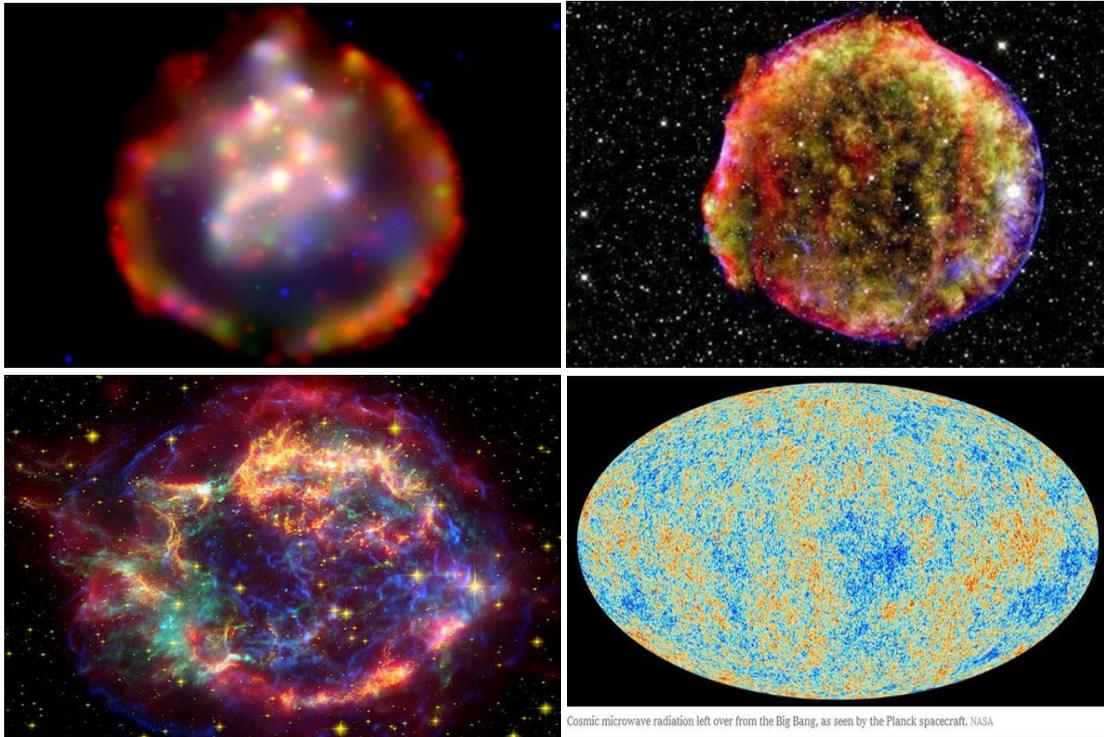


Image credit: NASA

Main viewpoints and conclusions:

Cosmic background body (cosmic ontology) and its total thermal energy, that is dark matter and dark energy; the process of the origin of the Universe is a process of enthalpy conservation, entropy increase, density reduction and volume expansion of *cosmic background matter body* (cosmic ontology matter body).

The essence of the expansion of the Universe is the *principle of the increase of entropy* — *cosmic background matter body* (cosmic ontology matter body) is changing continuously from the high-density, high-temperature (thermal energy density), high-energy level, high-pressure and small- volume into the low-density, low-temperature, low-energy level, low-pressure and large- volume state.

References

- [1] Dark matter https://en.wikipedia.org/wiki/Dark_matter
- [2] Dark energy https://en.wikipedia.org/wiki/Dark_energy
- [3] Origin of the Universe <http://vixra.org/abs/1609.0392>
- [4] The structure and composition of cosmic background <http://vixra.org/abs/1610.0094>